IBM® DB2® Universal Database

Message Reference
Volume 1

Version 7

IBM

IBM® DB2® Universal Database

Message Reference
Volume 1

Version 7

Before using this information and the product it supports, be sure to read the general information under
"Appendix C. Notices" on page 493.

Contents

About This Guide

The purpose of this book is to list the messages returned by various components of DB2.

Who Should Use This Guide

The *Message Reference* is designed to be used by anyone using DB2 and requiring more detailed information about returned messages.

How This Guide Is Structured

This guide lists all the possible error messages returned by the various components of DB2.

Organization

This book contains the following sections:

- Chapter 1. Introduction to Messages, describes how to access and interpret error messages.
- Chapter 2. Capture and Apply (ASN) Messages, describes the messages generated by DB2 Replication.
- Chapter 3. CCA Messages, describes the messages generated by the DB2 Client Configuration Assistant.
- Chapter 4. CLI Messages, describes the messages generated by the DB2 Call Level Interface.
- Chapter 5. DBA Messages, describes the messages generated by the DB2 Control Center and the Database Administration Utility.
- Chapter 6. DBI Messages, describes the messages generated through the installation and configuration of DB2.
- Chapter 7. DB2 Messages, describes the messages generated by the command line processor.
- Chapter 8. DWC Messages, describes the messages generated by the Data Warehouse Center.
- Chapter 9. FLG Messages, describes the messages generated by the Information Catalog Manager.
- Chapter 10. GSE Messages, describes the messages generated by the DB2 Spatial Extender.
- Chapter 11. SAT Messages, describes the messages generated by DB2 Satellite Edition.

- Chapter 12. SPM Messages, describes the messages generated by the sync point manager.
- Chapter 13. SQJ Messages, describes the messages generated by DB2 Embedded SQL in Java (SQLJ).
- Appendix A. SPM Protocol Violation Records, lists C language definitions of records that may be written to DB2's first failure service log by the SPM.

Conventions

The format for date and time, and the characters used as separators for date and time, are intended for a system configured to use the United States national language format. These may be different on your display, depending on the national language format used by your system.

Chapter 1. Introduction to Messages

It is assumed that you are familiar with the functions of the operating system where DB2 is installed. You can use the information contained in the following chapters to identify an error or problem and resolve the problem by using the appropriate recovery action. This information can also be used to understand where messages are generated and logged.

Information Available Online

The following DB2 messages are accessible from the operating system command line:

Prefix	Description
ASN	messages generated by DB2 Replication
CCA	messages generated by the Client Configuration Assistant
CLI	messages generated by Call Level Interface
DBA	messages generated by the Control Center and the Database Administration Utility
DBI	messages generated by installation and configuration
DB2	messages generated by the command line processor
DWC	messages generated by the Data Warehouse Center
FLG	messages and reason codes generated by the Information Catalog Manager
GSE	messages generated by the DB2 Spatial Extender
SAT	messages generated by DB2 Satellite Edition
SPM	messages generated by the sync point manager
SQJ	messages generated by Embedded SQL in Java (SQLJ)
SQL	messages generated by the database manager when a warning or error condition has been detected.

As well, the message text associated with SQLSTATE values is available on-line.

Message identifiers consist of a three character message prefix (see above list), followed by a four or five digit message number. The single digit letter at the end which describes the severity of the error message is optional.

To access help on these error messages, enter the following at the operating system command prompt:

```
db2 "? XXXnnnnn"
```

```
where XXX represents the message prefix
and where nnnnn represents the message number.
```

Note: The message identifier accepted as a parameter of the **db2** command is not case sensitive, and the terminating letter is not required.

Therefore, the following commands will produce the same result:
- db2 "? SQL0000N"
- db2 "? sql0000"
- db2 "? SQL0000n"

If the message text is too long for your screen, use the following command (on unix-based systems and others which support 'more'):

```
db2 "? XXXnnnnn" | more
```

Help can also invoked in the interactive input mode. To enter the interactive input mode, enter the following at the operating system command prompt:

```
db2
```

Once in the interactive input mode, you can enter commands at the following command prompt:

```
db2 =>
```

To get DB2 message help in this mode, type the following at the command prompt:

```
? XXXnnnnn
```

Note: If the message text exceeds the length of the screen, users with non-graphical workstations can pipe the output to the 'more' (on unix-based systems) program or redirect the output to a file which can then be browsed.

The message text associated with a given SQLSTATE value can be retrieved by issuing:

```
db2 "? nnnnn"

  or

db2 "? nn"
```

where *nnnnn* is a five digit SQLSTATE (alphanumeric) and *nn* is the two digit
SQLSTATE class code (first two digits of the SQLSTATE value).

Other DB2 Messages

Some DB2 components return messages that are not described in this manual,
or online. Some of the message prefixes may include:

AUD   messages generated by the DB2 Audit facility.

DIA   diagnostics messages generated by many DB2 components. These
messages are written in the diagnostics log file db2diag.log, and are
intended to provide additional information for users and DB2 service
personnel when investigating errors.

GOV   messages generated by the DB2 governor utility.

In most cases, these messages provide sufficient information to determine the
cause of the warning or error. For more information on the command or
utility that generated the messages, please refer to the appropriate manual
where the command or utility is documented.

Other Message Sources

When running other programs on the system, you may receive messages with
prefixes other than those mentioned in this reference.

For information on these messages, refer to the publications that you received
for that program product.

Chapter 2. Capture and Apply (ASN) Messages

The following is a list of messages issued by DB2 replication for the Capture and Apply programs. A brief explanation of the status is provided.

Unless otherwise stated, all error codes described here are internal error codes used by IBM Service and IBM development. Also, unless otherwise stated, error messages are issued with a return code of 8.

The replication messages have the following prefixes:

ASN0   The Capture program

ASN1   The Apply program

Capture program messages

ASN0000S   An internal error occurred for message number "<number>". The error code is "<error_code>". The return code is "<return_code>".

Explanation: The message file for Capture was installed incorrectly.

User Response: Refer to the installation and configuration information in this book pertaining to your platform. Make sure the message file is installed in the correct directory. If it is, contact your IBM Service representative.

ASN0001E   The Capture program encountered an SQL error.

Parameters:

- Routine name is "<name>"
- SQL request is "<request>"
- table name is "<table_name>"
- SQLCODE is "<sqlcode>"
- SQLERRML is "<sqlerrml>"
- SQLERRMC is "<sqlerrmc>"

Explanation: A nonzero SQLCODE was

returned when the Capture program issued an EXEC SQL statement.

User Response: See the messages and codes publication of the DB2 database manager on your platform for information about SQL return codes that use SQLERRML and SQLERRMC as substitution fields. Contact your DBA for more information.

ASN0002E   The Capture program could not connect to DB2.

Parameters:

- Routine name is "<routine>"
- SQLCODE is "<sqlcode>"

Explanation: An error occurred when the Capture program issued either

- a CONNECT function to DB2 for VSE & VM
- a CONNECT function to DB2 Call Attachment Facility (CAF)
- an implicit connect to DB2 for common services

User Response: See DB2 codes in the messages and codes publication of the DB2 database

manager on your platform for the appropriate reason code.

For DB2 for OS/390 errors, see the section in the administration guide that describes the Call Attachment Facility. Contact your DBA for questions and diagnosis.

If you are running Capture under DB2 UDB for UNIX or under DataJoiner for UNIX, ensure that the LIBPATH environment variable is set to the same environment in which the Capture program starts. See the *Replication Guide and Reference* for more information.

ASN0003E   The Capture program could not open the plan.

Parameters:

- Routine name is "<routine>"
- Return code is "<return_code>"
- Reason code is "<reason_code>"
- Subsystem is "<subsystem>"
- Plan name is "<ASNLPLAN>"

Explanation: An error occurred when the Capture program tried to open the plan, ASNLPLAN.

User Response: See the DB2 Codes section in the messages and codes publication of the DB2 database manager on your platform to find the appropriate reason code. See the appropriate section in the administration guide publication of the DB2 database manager on your platform: "Call Attachment Facility".

ASN0004E   The Capture program could not start the trace.

Parameters:

- Routine name is "<routine>"
- Return code is "<return_code>"
- Reason code is "<reason_code>"

Explanation: An error occurred when the START TRACE DB2 command was issued, or when Capture programread the DB2 log.

User Response: See the DB2 Codes section of in the messages and codes publication of the DB2

database manager on your platform to find the appropriate reason code. For more information, see either of the following sections in the administration guide publication of the DB2 database manager on your platform: "Call Attachment Facility" (CAF) for START TRACE DB2 errors, or the Instrumentation Facility Interface (IFI) for DB2 log read errors, or contact your DBA. If CAF or the IFI returned a message, it is also printed on the system display console.

ASN0005E   The Capture program encountered an error while reading the DB2 log.

Parameters:

- Routine name is "<routine>"
- LSN is "<log_sequence_number>"
- Return code is "<return_code>"
- Reason code is "<reason_code>"

Explanation: An error occurred when the Capture program read the DB2 log. There might be an SQL error.

For Capture program for OS/390, a dump has been generated for this message. The output appears in the data set whose name is specified by the CEEDUMP DDNAME on your Capture program for OS/390 invocation JCL.

For DB2 DataPropagator, the "<return_code>" value is for the Asynchronous Read Log. For UNIX, the log file might not be in the path.

For Capture for VSE, the "<return code>" is for the VSE/VSAM GET macro.

For Capture for VM, the "<return code>" is for Diagnose X'A4'.

User Response: See the DB2 Codes section in the messages and codes publication of the DB2 database manager on your platform for the appropriate reason code.

For Capture program for OS/390, see the Instrumentation Facility Interface (IFI) section in the administration guide publication of the DB2 database manager on your platform or contact your DBA.

For Capture for VSE, see the "VSE/VSAM

Return and Error Codes" manual for more information.

For VM/ESA, see the VM/ESA Programming Services for more information.

For the IBM DPROPR Capture of Universal Database, see the active and archived database logs section in the administration guide for common servers or contact your IBM Service Representative.

ASN0006E   The Capture program encountered an unexpected log error of unknown log variation. The routine name is "<routine>".

Explanation: An unexpected log error not reported by either:

- the Instrumentation Facility Interface (IFI) for Capture program for OS/390, or
- the Asynchronous Read Log API for IBM DPROPR Capture of Universal Database

occurred while the Capture program was processing the DB2 log records. The Capture program could not determine the type of SQL update associated with the log record.

For Capture program for OS/390, a dump has been generated for this message. The output appears in the dataset whose name is specified by the CEEDUMP DDNAME on your Capture program for OS/390 invocation JCL.

User Response: Contact your IBM Service Representative.

ASN0007E   The Capture program encountered an unexpected log error of unimplemented data type. The routine name is "<routine>".

Explanation: An unexpected log error not reported by either:

- the Instrumentation Facility Interface (IFI) for Capture program for OS/390, or
- the Asynchronous Read Log API for IBM DPROPR Capture of Universal Database

occurred while the Capture program was processing the DB2 log records. The Capture program could not determine the type of SQL update associated with the log record.

For Capture program for OS/390, a dump has been generated for this message. The output appears in the dataset whose name is specified by the CEEDUMP DDNAME on your Capture program for OS/390 invocation JCL.

User Response: Contact your IBM Service representative.

ASN0008I   The Capture program was stopped.

Explanation: The IBM Replication administrator stopped the Capture program using one of the valid methods.

Explanation: This message is for your information only.

User Response: No action is required.

ASN0009E   The table was created without the DATA CAPTURE CHANGES (DCC) attribute.

Parameters:

- Routine name is "<routine>"
- Table name is "<table_name>"

Explanation: The source table was defined without the DCC attribute and the Capture program tried to capture changes for the replication source.

User Response:

1. Stop the Capture program.
2. Delete the replication source.
3. Define the replication source again; if you do not have the "Data capture is full-refresh only" check box selected, the DB2 Control Center will alter the source table with the DCC attribute.
4. Start the Capture program.

ASN0010E   The Capture program cannot obtain enough storage.

Parameters:

- Routine name is "<routine>"
- Storage required is "<amount>"

Explanation: The Capture program cannot continue processing because not enough free storage is available.

User Response: For Capture program for OS/390, ensure that the REGION parameter has enough storage allocated to run your job. If necessary, contact your OS/390 system programmer to determine the method for requesting sufficient storage.

For Capture for VM, a request to obtain virtual storage could not be satisfied. You might need to increase the size of the virtual machine in which Capture program runs.

For Capture for VSE, all available GETVIS storage has been exhausted. You might need to restart the Capture program after allocating a larger partition.

ASN0011E   The DB2 compression dictionary is not available or the IFCID 306 buffer is invalid.

Parameters:

- Routine code is "<routine_code>"
- Reason code is "<reason_code>"

Explanation: In the case of DB2 compression dictionary is not available error, the Capture program attempted to read log records for an old compression dictionary. DB2 for OS/390 only retains one version of the compression dictionary in memory. DB2 can only decompress log records for a compressed table if the compression dictionary used to compress the log records is still the current compression dictionary.

In the case of the IFCID 306 buffer being invalid, the control information is missing from the buffer.

For both cases, a dump has been generated for this message. The output appears in the dataset whose name is specified by the CEEDUMP DDNAME on your Capture program for OS/390 invocation JCL.

User Response: For the DB2 compression dictionary error, to avoid an unwanted cold start of the Capture program, you must capture all log records for a compressed table before creating a new version of the compression dictionary. Use the KEEPDICTIONARY option to retain the current version of the compression dictionary during routine REORG processing.

When you want a new compression dictionary for the table, you must synchronize running the REORG utility with running your updated applications and the Capture program as follows:

1. Quiesce your updated applications.
2. Let the Capture program capture all logged updates for the compressed table.
3. Use the REORG utility on the compressed table, creating a new compression dictionary.
4. Release your updated applications.

For the IFCID 306 buffer error, ensure all DB2 maintenance is current.

ASN0013E   The Capture program required a column that was not defined in the change data (CD) table.

Parameters:

- Routine name is "<routine>"
- Table name is "<table_name>"

Explanation: The user did not define an IBMSNAP required column in the change data table.

User Response: Ensure that the change data table definition is correct. Refer to the *Replication Guide and Reference* for more information.

ASN0014E   The processing of the Capture program has fallen below a minimum level. The log record lags current time by "<number>" seconds. The routine name is "<routine>".

Explanation: The Capture program terminated because a high DB2 transaction rate caused the Capture program to run slower than the defined minimum level.

User Response: Refer to the Capture and Apply chapter for your platform for more information on the lag limit. Perform a cold start.

ASN0015E   The Capture program encountered a storage allocation error.

Parameters:
- Routine name is "<routine>"
- Storage required is "<amount>"

Explanation: A storage allocation error was detected; sufficient storage is not available. The Capture program might have been installed improperly.

For the Capture program on AIX, you might not have set the soft links for the component files to the shared directory.

User Response: Determine why memory could not be allocated by looking at the operating system and application task status. Contact your system programmer to determine the method of requesting the storage listed in the error message.

For Capture for AIX, determine whether you have set the soft links for the component files.

For Capture for VM, a request to obtain virtual storage could not be satisfied. You might need to increase the size of the virtual machine in which Capture program runs.

For Capture for VSE, all available GETVIS storage has been exhausted. You might need to restart the Capture program after allocating a larger partition.

ASN0016E   The Capture program could not begin capturing changes because there was no eligible replication source.

Parameters:
- Routine name is "<routine>"
- Table name is "<table_name>"

Explanation: The replication source information in the register table has not been defined.

The Capture program started but could not find source tables that were:
- Enabled with the DATA CAPTURE CHANGES option of the CREATE or ALTER TABLE statement.
- Defined as replication sources with the "Data capture is full-refresh only" check box cleared on the Define as Source window.

User Response: Ensure that the register table is defined properly. For more information about the register table, see the *Replication Guide and Reference*. Verify that replication sources have been defined.

ASN0017E   The Capture program encountered a severe internal error and could not issue the correct error message. The routine name is "<routine>"; the return code is "<return_code>"; the error message number is "<error_message_num>".

Explanation: The Capture program could not retrieve the message from the Capture program messages file.

User Response: Edit the Capture program error message file. Locate the ASNnnnn error message number to determine which error message should have been issued. See the information about the error message in this listing to determine how to resolve the error.

ASN0018W   The Capture program did not process updates made to the register table rows. The routine name is "<routine>"; the table name is "<table_name>".

Explanation: The user changed a replication source definition while the Capture program was running and then issued a REINIT command. The register table, which contains a row for each replication source, might not match the other replication source control tables.

User Response:

1. Stop Capture.
2. Delete the replication source.
3. Redefine the replication source.
4. Start Capture.

ASN0019E   The Capture program libraries are not authorized for the Authorized Program Facility (APF).

Explanation: The Capture program cannot process the STOP, SUSPEND, RESUME, or REINIT commands because the STEPLIB libraries are not authorized for APF.

User Response: Authorize the Capture link library for APF.

ASN0020I   Netview Generic Alerts Interface failure. The Netview return code is "<return_code>".

Explanation: The Network Major Vector Transport (NMVT) could not be sent to Netview by the program because the program interface failed. This is a secondary informational message.

User Response: See the Netview programming documentation for a description of the return code to determine the interface error. The Capture program alerts will not be received by the System Services Control Point (SSCP) until the error is corrected.

ASN0021I   Netview Program to Program Interface unavailable. The Netview return code is "<return_code>".

Explanation: Netview is unavailable. This is a secondary informational message.

User Response: See the Netview programming documentation for a description of the return code to determine the Netview problem. For example, the subsystem might not have been started.

ASN0022E   DB2 release "<release>" is not supported. The routine name is "<routine>".

Explanation: The Capture program does not support this release of DB2.

User Response: Run the Capture program with the appropriate release of DB2.

ASN0023I   The Capture program successfully reinitialized the register table. The table name is "<table_name>"; the routine name is "<routine_name>".

Explanation: A REINIT command was issued and the updates were successfully made to the Capture programinternal control information. This message is for your information only.

User Response: No action is required.

ASN0024I   The Capture program did not need to reinitialize the register table. Table "<table_name>"did not change.

Explanation: The REINIT command was issued. No updates were made to the register table since initialization or the last REINIT. This message is for your information only.

User Response: No action is required.

ASN0025I   **The Capture program reinitialized the register table. Table "<table_name"has <number>"potentially bad row(s).**

Explanation: This message accompanies ASN0018W. Reinitialization was performed as requested despite potential problems reported in ASN0018W.

User Response: See ASN0018W.

ASN0026W   **The Capture program could not allocate the trace buffer. The routine name is "<routine>"; the storage required is "<required_storage>".**

Explanation: A storage allocation error was detected; not enough storage is allocated for the trace buffer. The trace buffer is an information-only feature of the Capture program and the allocated storage is not required for the Capture program to run.

User Response: Contact your system programmer to determine the method of requesting the storage listed in the error message.

For Capture for VM, a request to obtain virtual storage could not be satisfied. You might need to increase the size of the virtual machine in which the Capture program runs.

For Capture for VSE, all available GETVIS storage has been exhausted. You might need to restart the Capture program after allocating a larger partition.

ASN0027W   **The Capture program is already active.**

Explanation: You tried to start more than one the Capture program per DB2 subsystem or database.

For VSE/ESA, Capture for VSE generates a unique lock name for each database. This lock name is already in use, indicating that Capture for VSE is already active for the database.

For VM/ESA, Capture for VM has determined that the resource ID used as a lock is already in use. The resource ID is specified on the ENQ_NAME parameter of the CAPTURE ASNPARMS file.

User Response: For DB2 for OS/390 subsystems, either run only one instance of the Capture program for all subsystems that are members of a data-sharing group, or run only one instance of the Capture program on any stand-alone system.

For other DB2 database platforms, run only one Capture program per database.

For Capture for VM, you can change the ENQ_NAME parameter in the CAPTURE ASNPARMS to ensure unique values for each Capture program if you want to run Capture for VM for more than one DB2 database on a system.

ASN0028I   **The Capture program is suspended by operator command.**

Explanation: The IBM Replication administrator suspended the Capture program and has entered a wait state. This message is for your information only.

User Response: No action is required.

ASN0029I   **The Capture program is resumed by operator command.**

Explanation: The IBM Replication administrator resumed the Capture program from a suspended state and the Capture program has continued running. This message is for your information only.

User Response: No action is required.

ASN0030I   **The Capture program command entered by the operator was unrecognized.**

Explanation: The IBM Replication administrator entered a command not recognized by the Capture program. The only valid commands are:

- STOP (*Ctrl+C* for DB2 DataPropagator)
- SUSPEND

- RESUME
- REINIT
- PRUNE
- GETLSEQ

There are no parameters allowed for these commands.

User Response: Use only valid Capture program commands.

ASN0031E   The Capture program tuning parameters table can have only one row. The routine name is "<routine>"; the table name is "<table_name>".

Explanation: The tuning parameters table was not defined correctly or has been updated with invalid rows.

User Response: Refer to the *Replication Guide and Reference* to determine the correct format of this table. Remove any invalid rows.

ASN0033E   The Capture program could not reinitialize the register table. The table name is "<table_name>".

Explanation: The IBM Replication administrator tried to reinitialize the Capture program, but there was an error in the register table. A user might have tried to update a replication source while the Capture program was running or suspended, and the register table might not match the other control tables.

User Response: This is a secondary message. See any preceding messages for more information about the error. See the Capture and Apply section for your platform more information about reinitializing the Capture program and the *Replication Guide and Reference* for information about the register table.

ASN0034E   An incorrect value was supplied for column "<column>"of the Capture program tuning parameters table. The routine name is "<routine>"; the table name is "<table_name>".

Explanation: The tuning parameters table does not have the correct values. Values might be out of range.

User Response: Refer to the Capture and Apply section for your platform for more information. Check the lag limit, retention period and commit frequency.

ASN0035W   Some rows were found in the register table with an unsupported architectural level. The routine name is "<routine>"; the table name is "<table_name>".

Explanation: The register table version does not match the current version of the Capture program. The current version of the DB2 Control Center is not compatible with the version of the Capture program that you are running.

User Response: Refer to the *Replication Guide and Reference* to check the required value for the ARCH_LEVEL column in the register table. Verify that the value in the register table at the source server is correct. If not, use compatible versions of the Control Center and the Capture program.

ASN0036E   DB2 was terminated abnormally. The routine name is "<routine>".

Explanation: DB2 was terminated while the Capture program was still active.

For OS/390, VSE/ESA or VM/ESA, DB2 was terminated while Capture program was active and the user did not specify the NOTERM invocation parameter.

User Response: Start DB2 and start the Capture program.

ASN0037W   DB2 was terminated in QUIESCE mode. The routine name is "<routine>".

Explanation: DB2 was terminated while the Capture program was still active.

User Response: Start DB2 and start the Capture program.

ASN0038E   The disconnect to DB2 failed. The routine name is "<routine>"; the return code is "<return_code>"; the reason code is "<reason_code>".

Explanation: DB2 was stopped in QUIESCE mode, but user wanted to leave the Capture program running. While terminating the connection to DB2, Capture program received an error returned code from the Call Attachment Facility (CAF).

User Response: Restart Capture program.

ASN0040E   An error was returned from the FORK function of "<platform>". The error is "<error_text>".

Explanation: An AIX FORK function returned a negative value. "<Error_text>"describes the error.

User Response: See AIX Calls and Subroutines Reference for information about FORK functions, use the provided error text to determine the error, or contact your IBM Service Representative.

ASN0041E   An error was returned while getting the instance name. The reason code is "<reason_code>".

Explanation: The SQLEGINS API of DB2 Universal Database returned an error.

User Response: See the DB2 for common servers API Reference for information about the SQLEGINS API to determine the error or contact your IBM Service Representative.

ASN0042E   An error was returned from the EXECLP function. The error is "<error_text>".

Explanation: The AIX EXECLP function returned a negative value. "<Error_text>"describes the error.

User Response: See the AIX Calls and Subroutines Reference for information about the EXECLP function or contact your IBM Service Representative.

ASN0043E   A child process of ASNLMAIN died.

Explanation: The child process created by ASNLMAIN terminated. Possible causes include:

- A user stopped the child process.
- There is an AIX system problem.

User Response: Check the system processes for conflicts or contact your AIX system programmer.

ASN0044E   The child process has not called the dummy process after an extended wait.

Explanation: The child process was unable to call the dummy routine ASNLPVRF. The installation softlinks might not have been set.

User Response: Verify whether the installation softlinks have been set, check the system for problems, or contact your IBM Service Representative.

ASN0045E   An error was returned from the MSGRCV function. The error is "<error_text>".

Explanation: The function MSGRCV returned an error. "<Error_text>" describes the error.

User Response: Use the provided error text to determine the error, or contact your IBM Service Representative.

ASN0046E **An error was returned from the MSGGET function. The error is "<error_text>".**

Explanation: The function MSGGET returned an error. "<Error_text>" describes the error. This error occurs during message handling.

User Response: Use the provided error text to determine the error, or contact your IBM Service Representative.

ASN0047E **An error was returned from the FTOK function of "<platform>". The error is "<error_text>".**

Explanation: The AIX function FTOK returned an error. "<Error_text>" describes the error.

User Response: See AIX Calls and Subroutines Reference for information about the FTOK function, use the provided error text to determine the error, or contact your IBM Service Representative.

ASN0048E **The Capture program could not open the log file. The error is "<error_text>. The error code is "<error_code>".**

Explanation: The Capture program could not open the log file. Some possible reasons are:
- The Capture program log file was deleted.
- The user does not have the correct authorization for the Capture program directory.

User Response: Contact your system programmer to determine the error or contact your IBM Service Representative.

ASN0050E **The Capture program encountered an error while writing to the error message file.**

Explanation: An I/O error occurred while writing to the Capture program log file

User Response: Check the trace table for error messages.

ASN0053E **An error was returned by the Asynchronous Read Log API (SQLURLOG).**

Parameters:

Initial LSN is
    "<log_sequence_number>"

FIRSTRead LSN is
    "<first_read_LSN>"

lastRead LSN is
    "<last_read_LSN>"

CurActive LSN is
    "<currently_active_LSN>"

log Recswritten is
    "<log_records_written>"

log Byteswritten is
    "<log_bytes_written>"

Explanation: The Asynchronous Read Log API returned an SQLCODE in the SQL error message that preceded this message. The information in this message provides additional information about the SQL error.

User Response: See ASN0001E for information about SQLCODEs.

ASN0054E **The Capture program did not recognize the invocation parameter.**

Explanation: An invalid invocation parameter was entered with the ASNCCP command.

User Response: Enter a valid invocation parameter.

See the Capture and Apply section for your platform for information about valid parameters.

ASN0055E **The Capture program encountered an SQLTYPE that is not supported in the origin table.**

Parameters:
- Routine Name is "<routine>"
- Column Number is "<column_num>"

Explanation: The Capture program encountered an invalid SQL type. A table might have been defined as a replication source outside the DB2 Control Center and contains unsupported SQL types (for example, LONG VARGRAPHIC).

User Response: Delete the replication source and use the DB2 Control Center to define replication sources to ensure only valid types are defined. Or, when manually defining the replication source, ensure that the table has supported SQL types. See the messages and codes publication of the DB2 database manager on your platform to determine the invalid SQLTYPE.

ASN0056E   ASN.IBMSNAP_UOW table does not exist.

Explanation: The unit-of-work (UOW) table might have been dropped, or the source server database might have been dropped.

User Response: Contact your IBM Service representative.

ASN0100I   The Capture program initialization is successful.

Explanation: This message is for your information only.

User Response: No action is required.

ASN0101W   The Capture program warm start failed because existing data is too old; a cold start will be attempted.

Explanation: The data in the change data tables is older than the value "<current_timestamp_lag_limit>". A cold start will be performed.

User Response: See the *Replication Guide and Reference* for more information about warm and cold starts to determine why Capture program could not warm start.

ASN0102W   The Capture program will switch to cold start because the warm start information is insufficient.

Explanation: A problem occurred during the retrieval of the warm start information. The warm start table data was invalid. A cold start will be performed.

For DB2 Universal Database, an Asynchronous Read Log API error occurred while reading the log during warm start. For OS/390, an Instrumentation Facility Information (IFI) error occurred while reading the log during warm start.

User Response: See the *Replication Guide and Reference* for more information about warm and cold starts to determine why Capture program could not warm start.

ASN0103I   The Capture program started with: "<server_name>".

Parameters:
- SERVER_NAME is "<server_name>"
- ENQ_NAME is "<enq_name>"
- START_TYPE is "<start_type>"
- TERM_TYPE is "<term_type>"
- PRUNE_TYPE is "<prune_type>"

Explanation: This is an informational message that displays the DB2 server name and the Capture program start up option.

For Capture for VSE and VM, the ENQ_NAME shows the name on which Capture program locks to make sure that there is only one Capture program running for any DB2 database. The lock name can be specified for VM/ESA by changing the ENQ_NAME parameter value in the CAPTURE ASNPARMS file.

User Response: No action is required.

ASN0104I **Change capture started for owner "<owner>", the table name is "<copy_table>" at log sequence number (LSN) "<log_sequence_number>".**

Explanation: The Capture program was started for the table owner and table name at the specified log sequence number (LSN). This message is issued for each origin table for which the Capture program captures changes. This message is for your information only.

User Response: No action is required.

ASN0105I **Data that has been copied was pruned from the change data table and the unit-of-work table.**

Explanation: This message is for your information only.

User Response: No action is required.

ASN0106I **The Capture program is waiting for DB2 to come up.**

Explanation: When the Capture program is initially brought up, if DB2 is not up at that time, the Capture program waits until DB2 is up. After DB2 is up, the Capture program makes the connection and begins to capture changes.

If the NOTERM option is specified in the Capture invocation parameters, and DB2 comes down smoothly, the Capture program waits for it to come back up.

User Response: No action is required.

ASN0110E **Capture for OS/390 Storage Dump. The Control Address is "<address>".**

Explanation: This is an informational message printed at the top of storage dumps for severe errors. When a dump is generated for a message, the dump output appears in the dataset whose name is specified by the CEEDUMP DDNAME on your Capture for OS/390 invocation JCL.

User Response: No action is required.

ASN0115I **The warm start control information was not supplied. The routine name is "<routine>"; the table name is "<table_name>".**

Explanation: The warm start table is missing or corrupted. This table provides a faster warm start. The Capture program will warm start.

User Response: No action is required.

ASN0116I **The Capture program did not reinitialize the tuning parameters table. The routine name is "<routine>"; the table name is "<table_name>".**

Explanation: The REINIT command was issued, but tuning parameter information from the tuning parameters table was not available. The previous tuning parameter values were retained.

User Response: No action is required.

ASN0117W **Warm start control information was not saved. The routine name is "<routine>"; the table name is "<table_name>".**

Explanation: An error occurred that prevented warm start information from being saved in the IBMSNAP_WARM_START table. Warm start can be attempted and can take longer because backup sources will be used.

User Response: No action is required.

ASN0121E **The Capture program warm start failed because existing data is too old. The Capture program will terminate.**

Explanation: The time of the warm start information exceeded LAG_LIMIT.

User Response: No response required; the Capture program will terminate because WARMNS was specified.

ASN0122E   An error occurred while reading the warm start information or DB2 log. The Capture program will terminate.

Explanation: A problem occurred while retrieving the warm start information. The warm start table data was invalid or for OS/390, an Instrumentation Facility Interface (IFI) error occurred while reading the log during warm start.

User Response: No response required; the Capture program is terminating because WARMNS was specified.

ASN0123I   The highest log sequence number of a successfully captured log record is "<log_sequence_number>".

Explanation: The Capture program saved the highest log sequence number (LSN) in the warm start table. This is the point at which the Capture program finished successfully processing the log data.

User Response: No response required; this message accompanies termination.

ASN0124I   The prune command was accepted; the pruning action is queued.

Explanation: The IBM Replication administrator entered the prune command and the Capture program has queued the request. The Capture program will prune the change data (CD) table and the unit-of-work (UOW) table.

User Response: No response required.

ASN0125I   The current log sequence number of successfully processed log records is "<log_sequence_number>". The log timestamp is "<timestamp>".

Explanation: Capture program is processing the DB2 log at the log sequence number provided.

User Response: No action is required.

ASN0126E   The Capture program encountered a syntax error. The Capture program will terminate.

Explanation: The Capture program encountered the wrong combination of invocation parameters.

User Response: Check the Capture and Apply section for your platform for more information about the START command syntax.

ASN0130I   The user requested that the Capture program start reading from the end of the DB2 log.

Explanation: The user specified the WRMSKPM parameter when invoking the Capture program.

User Response: No action is required.

ASN0132I   The Capture program was invoked by asncopy with the mobile option.

Explanation: This message is for your information only.

User Response: No action is required.

ASN0133I   The Capture program reached the end of the mobile transactions.

Explanation: This message is for your information only.

User Response: No action is required.

ASN0134E   The Capture program could not obtain the start of log information when it was invoked by asncopy with the mobile option.

Explanation: The Capture program was unable to locate the point in the log where it needed to start reading information.

User Response: Wait for subsequent messages which will provide more detailed information.

ASN0135E   **The trial period for the Capture program has expired**

Explanation: The trial period for the DB2 DataPropagator product has ended. You can no longer use this product until you order and install the DataPropagator licensed feature of DB2 for OS/390.

User Response: Contact the person responsible for ordering the DB2 DataPropagator product.

ASN0136I   **The trial version of Capture will end in *nn* days.**

Explanation: You are using the trial version of DB2 DataPropagator. After *nn* days have passed, you will no longer be able to use DB2 DataPropagator unless you install the DataPropagator licensed feature of DB2 for OS/390.

User Response: None; however you might want to contact the person responsible for ordering the DB2 DataPropagator product.

ASN0137E   **The product registration module has unexpected content.**

Explanation: The content of the registration module (ASNLPR61) for the DB2 DataPropagator feature is not as expected for this version of the DB2 DataPropagator product. No further use of the product is possible until you provide the correct registration module.

User Response: Verify that the DB2 DataPropagator feature was installed without errors. If errors occurred, correct them and try again.

If the DB2 DataPropagator feature installed without error and you are correctly accessing the feature-registration module (ASNLPR61), contact IBM customer service for assistance.

ASN0138E   **The product trial module has unexpected content.**

Explanation: The content of the DB2 DataPropagator trial module is not as expected for this version of the DB2 DataPropagator

product. No further use of the product is possible until you provide the correct trial module.

User Response: Verify that the DB2 DataPropagator feature was installed without errors. If errors occurred, correct them and try again.

If the DB2 DataPropagator feature installed without error and you are correctly accessing it, contact IBM customer service for assistance.

ASN0139E   **The Capture program could not open the trace file. The error is "<error_code>".**

Explanation: The user specified the TRCFILE option, but the Capture program could not open the trace file. Possible reasons are:

- The directory specified in the ASNPATH environment variable is incorrect.
- The user does not have the correct authorization for the directory.

User Response: Contact your system programmer or your IBM Service Representative.

ASN0200E   **An incorrect parameter "<parameter>" was passed to the Capture program.**

Explanation: For VM/ESA, one of the following situations caused an error:

- An incorrect parameter was specified on the ASNCCP invocation command.
- The CAPTURE ASNPARMS file contained an invalid parameter.
- An invalid parameter was specified on the :RESID tag in the RESID NAMES file for the :DBNAME. For example, the RESID could be too long.

For VSE/ESA, an invalid parameter was specified on the ASNCCP invocation command.

User Response: Verify that the parameters supplied are valid. See the Capture and Apply section for your platform for more information about the ASNCCP command.

ASN0201E **The Capture program encountered a "<platform>" error. The routine name is "<routine>"; the function name is "<function>"; the return code is "<return_code>".**

Explanation: On VM:

- For the LINK function, Capture program encountered an error while attempting to LINK the minidisks identified in the *database* SQLFDEF file.

  database is the database identified with the SQLINIT or SQLGLOB commands, the default of SQLDBA.

- For the FSREAD, FSPOINT, or FSTATE function errors, the Capture program encountered an error while trying to read CAPTURE ASNPARMS or the *database* SQLFDEF file.

- For the XCIDRM function, Capture program was unable to obtain the resource ID it uses as a lock to ensure that only one Capture program is active for a DB2 database. The error may have occurred for the following reasons:

  – The virtual machine in which the application is running does not have authority to connect to *IDENT.

  – The virtual machine in which the application is running does not have the authority to declare the resource.

On VSE:

- For the GENCB, MODCB, OPEN, GET, CLOSE, or ENDREQ function errors, Capture programencountered an error while trying to set up or read the database log or directory.

- For the GETVIS, FREEVIS, or XPCC function errors, Capture program encountered an error while trying to perform one of these functions.

User Response: Correct the error as described in the platform documentation. On VM:

- For the LINK function, see VM/ESA CP Command and Utility Reference for more information about the return code.

- For the FSREAD, FSPOINT, or FSTATE function errors, see VM/ESA CMS Application Reference - Assembler.

- For the XCIDRM function, see VM/ESA CPI Communications User Guide for more information the return code.

- For other functions, refer to the platform product application development and command documentation.

On VSE:

- For the GENCB, MODCM, OPEN, GET, CLOSE, or ENDREQ function errors, see VSE/ESA Messages and Codes Reference, for more information about the IBM VSE/VSAM macros.

- For the GETVIS, FREEVIS, or XPCC function errors, see VSE/ESA Systems Macro Reference.

ASN0202E **The USERID parameter was not specified.**

Explanation: The USERID parameter is required in the PARM= field on the EXEC job control statement that is passed to the Capture program.

User Response: Add the USERID= parameter, specifying the user ID and password, in the PARM= field and resubmit the job.

ASN0203I **Linking to "<diskname>" minidisk"<diskowner>"as "<vdev>"**

Explanation: The Capture program is about to issue an internal CP link command to the specified database minidisk.

User Response: If prompted, enter the minidisk password.

Apply program messages

ASN1000S **An internal error occurred for message number "<number>". Its substitution fields are "<substitution_field_1>", "<substitution_field_2>", "<substitution_field_3>", "<substitution_field_4>", "<substitution_field_5>", "<substitution_field_6>", and "<substitution_field_7>". The error code is "<error_code>". The return code is "<return_code>".**

Explanation: The message file for Apply was installed incorrectly.

User Response: Refer to the installation and configuration information in this book pertaining to your platform. Make sure the message file is installed in the correct directory. If it is, contact your IBM Service representative.

ASN1001E **The Apply program encountered an SQL error.**

Parameters:
- ERRCODE is "<error_code>"
- SQLSTATE is "<sqlstate>"
- SQLCODE is "<sqlcode>"
- SQLERRM is "<sqlerrm>"
- SQLERRP is "<sqlerrp>"
- server name is "<server_name>"
- table name is "<table_name>"

Explanation: An error occurred during the execution of an SQL statement.

User Response: Refer to your database messages reference for SQL.

ASN1002E **The "<table_name>" could not be locked. ERRCODE is "<error_code>", SQLSTATE is "<sqlstate>", SQLCODE is "<sqlcode>", SQLERRM is "<sqlerrm>", SQLERRP is "<sqlerrp>", server name is "<server_name>", table name is "<table_name>"**

Explanation: The Apply program could not lock the table.

User Response: Refer to your database's message reference.

ASN1003E **The Apply program could not connect to the server "<server>".**

Parameters:
- error code is "<error_code>"
- SQLSTATE is "<sqlstate>"
- SQLCODE is "<sqlcode>"
- SQLERRM is "<sqlerrm>"
- SQLERRP is "<sqlerrp>"

Explanation: The Apply program attempted to connect to the database and received a failing return code because either the database was not up or too many users were accessing it.

User Response: If you are running Apply under DB2 UDB for UNIX or under DataJoiner for UNIX, ensure that the LIBPATH environment variable is set to the same environment in which the Apply program starts. See the *Replication Guide and Reference* for more information.

Refer to your database messages reference for SQL.

ASN1004I **The trial version of Apply will end in *nn* days.**

Explanation: You are using the trial version of DB2 DataPropagator. After *nn* days have passed, you will no longer be able to use DB2 DataPropagator unless you install the DataPropagator licensed feature of DB2 for OS/390.

User Response: None; however you might want to contact the person responsible for ordering the DB2 DataPropagator product.

ASN1005E   The trial period for the Apply program has expired

Explanation: The trial period for the DB2 DataPropagator product has ended. You can no longer use this product until you order and install the DataPropagator licensed feature of DB2 for OS/390.

User Response: Contact the person responsible for ordering the DB2 DataPropagator product.

ASN1006E   The product registration module has unexpected content.

Explanation: The content of the registration module (ASNAPR61) for the DB2 DataPropagator feature is not as expected for this version of the DB2 DataPropagator product. No further use of the product is possible until you provide the correct registration module.

User Response: Verify that the DB2 DataPropagator feature was installed without errors. If errors occurred, correct them and try again.

If the DB2 DataPropagator feature installed without error and are correctly accessing the feature-registration module (ASNAPR61), contact IBM customer service for assistance.

ASN1007E   The product trial module has unexpected content.

Explanation: The content of the DB2 DataPropagator trial module is not as expected for this version of the DB2 DataPropagator product. No further use of the product is possible until you provide the correct trial module.

User Response: Verify that the DB2 DataPropagator feature was installed without errors. If errors occurred, correct them and try again.

If the DB2 DataPropagator feature installed

without error and you are correctly accessing it, contact IBM customer service for assistance.

ASN1008E   The subscription set with Apply qualifier "<qualifier>" and set name "<set_name>" is not defined correctly. ERRCODE is %3.

Explanation: The subscription set is not defined correctly.

User Response: Make sure that the WHOS_ON_FIRST column in ASN.IBMSNAP_SUBS_SET is specified correctly.

ASN1009E   There is no subscription set defined for Apply qualifier "<qualifier>".

Explanation: There is no subscription set defined for Apply qualifier "<qualifier>".

User Response: Define at least one subscription set for Apply qualifier "<qualifier>".

ASN1010E   The Apply program could not insert row "<row>" into the audit trail table due to the following error: "<error_code>".

Explanation: This is an SQL return code indicating that the audit trail table was not set up with the same structure as the table in the *Replication Guide and Reference* .

User Response: Refer to the *Replication Guide and Reference* and your database SQL manual.

ASN1011E   The copy request has incompatible source and target attributes. The error code is "<error_code>".

Explanation: This is an SQL error code indicating that the attributes of the target table must be compatible with the attributes of the source table.

User Response: Refer to the BASE_STRUCTURE column in the register table

for the compatibility of the source and target attributes.

ASN1012E   The source table structure is invalid. The error code is "<error_code>".

Explanation: This is an SQL return code indicating that the source table structure in the register table was not set up according to the SOURCE_STRUCTURE column in the register table.

User Response: Refer to the *Replication Guide and Reference*, the SOURCE_STRUCTURE column in the register table for valid source table structures.

ASN1013E   The target table structure is invalid. The error code is "<error_code>".

Explanation: The target table structure in the subscriptions target member table (ASN.IBMSNAP_SUBS_MEMBR) was not valid.

User Response: Refer to the *Replication Guide and Reference* for valid target table structures.

ASN1014E   The Apply program could not find a source for the copy request because it could not find the change data table. The error code is "<error_code>".

Explanation: The change data table was not defined in the register table because either the Apply program did not find the change data table name in the register table or the source table was not registered correctly.

User Response: Refer to the *Replication Guide and Reference* and verify that the change data table is correctly defined in the register table (ASN.IBMSNAP_REGISTER CD_OWNER, CD_TABLE).

ASN1015I   The Apply program is waiting for the Capture program at server "<server_name>"to advance the global SYNCHTIME. Verify that the Capture program is running.

Explanation: This message is for your information only.

User Response: No action is required.

ASN1016I   Refresh copying has been disabled. The error code is "<error_code>".

Explanation: While attempting to perform a full refresh, the Apply program encountered a DISABLE_REFRESH column in the register table which was set on.

User Response: Either turn off the DISABLE_REFRESH column or bypass the Apply program and perform a manual refresh.

ASN1017E   Apply could not find any target column names. The error code is "<error_code>".

Explanation: Apply could not find any columns in the ASN.IBMSNAP_SUBS_COLS subscription columns table.

User Response: Refer to "Defining Replication Subscriptions" to redefine the replication subscription.

ASN1018I   The Apply program is processing subscription set "<set_name>"("<whos_on_first>"). ("<set_number>" of "<total_sets>").

Explanation: This message is for your information only.

User Response: No action is required.

ASN1019E **The target table does not have any key columns. The error code is "<error_code>".**

Explanation: The Apply program could not find key column names in one of the columns requiring a primary key.

User Response: Refer to "<Defining Replication Descriptions>" to redefine the replication description.

ASN1020S **The Apply program could not reserve a storage block. The error code is "<error_code>".**

Explanation: The Apply program could not obtain the required (memory) storage.

User Response: Contact your IBM Service representative.

ASN1021S **The Apply program could not read the work file. The error code is "<error_code>".**

Explanation: The Apply program could not read the work file due to a system error.

User Response: Determine if the problem is caused by lack of space and contact your system administrator to obtain what is needed.

ASN1022S **The Apply program could not write into the work file. The error code is "<error_code>".**

Explanation: Either the user does not have the proper access authority for one or all of the files or not enough space is left after writing to the target file.

User Response: Determine whether the problem is caused by a lack of access authority or a lack of space and contact your system administrator to obtain what is needed.

ASN1023S **The Apply program could not open the work file. The error code is "<error_code>".**

Explanation: The Apply program could not open the work file.

User Response: Contact your IBM Service representative.

ASN1024S **The Apply program could not close the work file. The error code is "<error_code>".**

Explanation: The Apply program could not close the work file.

User Response: Contact your IBM Service representative.

ASN1025I **The Apply program completed processing for subscription set "<set_name>"("<whos_on_first>"). The return code is "<return_code>".**

Explanation: This message is for your information only.

User Response: No action is required.

ASN1026I **The Apply program encountered an error while trying to bind. SQLSTATE is "<sqlstate>", SQLCODE is "<sqlcode>".**

Explanation: An error occurred during the execution of bind.

User Response: Refer to your database's message reference.

ASN1029E **The SQL statement could not execute. The error code is "<error_code>".**

Explanation: The execution of the SQL statement specified by the user was not successful.

User Response: Refer to the SQLSTATE, SQLCODE, SQLERRO, and SQLERRM in the

apply trail table and your database SQL manual for detailed information.

ASN1030S The Apply program encountered an OS/2 error. The error code is "<error_code>"; the return code is "<return_code>".

Explanation: The execution of an OS/2 API failed.

User Response: For more information on the return code, refer to the OS/2 WARP Control Program Programming Reference.

ASN1031E The SQL statement is empty. The error code is "<error_code>".

Explanation: The SQL statement is an empty string.

User Response: Specify the SQL statement to be executed.

ASN1032S The Apply program log file could not be opened. The error code is "<error_code>"; the return code is "<return_code>".

Explanation: The Apply program could not open the log file.

User Response: For more information on the return code, either refer to the OS/2 WARP Control Program Programming Reference or to the system library information for your particular platform.

ASN1033E The Apply program could not write to the Apply log file. The error code is "<error_code>"; the return code is "<return_code>".

Explanation: The Apply program could not write to the log file.

User Response: For more information on the return code, either refer to the OS/2 WARP Control Program Programming Reference or to the system library information for your particular platform.

ASN1034E Stored procedures are not supported in DB2 for MVS/ESA V3. The error code is "<error_code>".

Explanation: DB2, Version 3 does not support the stored procedure call.

User Response: Remove the stored procedure CALL statement from the statement table (ASN.IBMSNAP_SUBS_STMT).

ASN1035E The Apply program could not access the subscription columns table.

Parameters:
- error code is "<error_code>"
- SQLSTATE is "<sqlstate>"
- SQLCODE is "<sqlcode>"
- SQLERRM is "<sqlerrm>"
- SQLERRP is "<sqlerrp>"
- server name is "<server_name>"
- table name is "<table_name>"

Explanation: An error occurred during the execution of an SQL statement.

User Response: Refer to your database messages reference for SQL.

ASN1036E The column type "<col_type>" for expression "<expression>"is invalid. The error code is "<error_code>".

Explanation: The value for the COL_TYPE column in the subscription columns table is invalid.

User Response: Change the value to A, B, C, F, or R.

ASN1037E The Apply program could not obtain the date and time. The error code is "<error_code>"; the return code is "<return_code>".

Explanation: The OS/2 API DosGetDateTime failed.

User Response: For more information on the return code, refer to the OS/2 WARP Control Program Programming Reference.

ASN1038E   No column names or expressions were specified in the subscription columns table.

Explanation: Column names or expressions for a copy statement must be specified.

User Response: Refer to the *Replication Guide and Reference* for more information about requirements for subscription definitions.

ASN1039S   The Apply program plan, "<plan_name>", could not be opened.

Parameters:

- error code is "<error_code>"
- return code is "<return_code>"
- reason code is "<reason_code>"

Explanation: The Apply program plan could not be opened.

User Response: Refer to the Apply for OS/390 Program Directory.

ASN1040S   The Apply program encountered an OS/390 error. The error code is "<error_code>"; the return code is "<return_code>".

Explanation: Execution of an OS/390 system operation failed.

User Response: Refer to your OS/390 system library information.

ASN1041I   The Apply program was started using subsystem name: "<subsystem>".

Explanation: This is not an error message, however, you should make sure that the displayed subsystem name is valid.

User Response: Verify that the subsystem name is valid.

ASN1042W   There are too many invocation parameters.

Explanation: The number of parameters you specified when you invoked the Apply program exceeds the maximum allowed.

User Response: Refer to the Capture and Apply section for your platform for information on the appropriate number of invocation parameters.

ASN1043E   There is already one Apply instance running with this Apply program qualifier "<qualifier>". The error code is "<error_code>"; the reason code is "<reason_code>".

Explanation: Verification attempt failed.

User Response: Make sure that only one instance of the Apply program is running under this user ID on this subsystem or database.

ASN1044I   The Apply program will become inactive for "<number>" minutes and "<number>" seconds.

Explanation: This message is for your information only.

User Response: No action is required.

ASN1045I   The Apply program was started using database "<database>".

Explanation: This message is for your information only.

User Response: No action is required unless this is not the intended database.

ASN1046S   The Apply program libraries are not authorized for the Authorized Program Facility (APF).

Explanation: The Apply program libraries must be APF authorized.

User Response: Authorize the Apply libraries.

ASN1048E   The execution of a copy statement failed. See the Apply trail table for full details: "<text>"

Explanation: A copy statement could not execute. In the message, "<text>"identifies the "<copy_server>", "<copy_owner, copy_table, stmt_number>", and "<cntl_server>".

User Response: Check the APPERRM fields in the audit trail table to determine why the copy statement failed.

ASN1049S   The Apply program encountered a system error. The error code is "<error_code>". The return code is "<return_code>".

Explanation: Execution of a system operation failed.

User Response: Refer to the system library information for your particular platform.

ASN1050E   The Apply program encountered an invalid operation while updating the target table. The error code is "<error_code>". The invalid operation to be applied is "<operation>".

Explanation: The operation field of a row fetched from the source table is not valid.

User Response: Contact your IBM Service Representative.

ASN1051E   The Apply program detected a gap between the source "<source>"table and the target table. The error code is "<error_code>".

Explanation: The Apply program has detected that the Capture program had lost change data before the Apply program could copy it. For example, the Capture program may have been cold started.

User Response: Check the control tables to determine why the gap is present. Take proper action to preserve data integrity before you reset

the control table information to execute the definition again.

ASN1052E   The Apply program could not find the ASNLOAD program.

Explanation: The Apply program cannot find the ASNLOAD program in the current directory.

User Response: Make sure that ASNLOAD is in the directory from which you are invoking the Apply program.

ASN1053E   The execution of the ASNLOAD program failed. The return code is "<return_code>".

Explanation: The ASNLOAD program detected an error.

User Response: Refer to the messages files generated by the EXPORT and IMPORT utilities. Note that these files names are different for Apply for OS/2 and Apply for AIX.

ASN1054S   The Apply program could not find the registration information for source owner "<src_ownr>", source table "<src_tbl>", and source view qualifier "<src_view_qual>".

Explanation: The source table registration is incorrect or incomplete.

User Response: Drop the registration and redo it. Also make sure that the registration information is in both the register table and the pruning control table.

ASN1055S   The Apply program could not find the prune control information for source owner "<src_ownr>", source table "<src_tbl>", source view qualifier "<src_view_qual>", target owner "<tgt_ownr>", and target table "<tgt_tbl>".

Explanation: The source table registration is incorrect.

User Response: Drop the subscription and redo it.

ASN1056E   The Apply program could not connect to the server due to lack of user ID/password. The error code is "<error_code>".

Explanation: The Apply program could not find the password and user ID to connect to the server.

User Response: Make sure that the Apply program password exists. If you are using DB2 Universal Database Satellite Edition, make sure that the password and user ID are defined to the client systems.

ASN1057E   The Apply program could not read the password in the Apply password file. The error code is "<error_code>".

Explanation: The Apply program found no password.

User Response: If you want to use the AUTHENTICATION=SERVER scheme, you must provide a password as described in the Apply program section in the Capture and Apply chapter for your platform.

ASN1058E   The Apply program could not close the password file. The error code is "<error_code>".

Explanation: The Apply program could not close the password file.

User Response: Contact your IBM Service representative.

ASN1059E   The Apply program detected invalid syntax for line "<line>"in the password file. The error code is "<error_code>".

Explanation: The Apply program could not recognize a line in the password file.

User Response: Correct the syntax error in the password file. See the Apply program section in

the Capture and Apply chapter for your platform.

ASN1060E   The dynamic allocation for the temporary work file failed. The error code is "<error_code>".

Explanation: A system error was encountered during dynamic allocation.

User Response: Contact your IBM Service representative.

ASN1061E   An invalid keyword parameter was specified. The error code is "<error_code>".

Explanation: An invalid invocation parameter was specified and ignored by the Apply program.

User Response: Correct the invocation parameter. See the Apply program section in the Capture and Apply chapter for your platform.

ASN1063E   A subscription set cannot have more than 200 members. The error code is "<error_code>".

Explanation: The number of subscriptions has exceeded the maximum allowed number of 200.

User Response: Remove excess members from the subscription.

ASN1066S   An internal Apply program error occurred. The error code is "<error_code>".

Explanation: An internal Apply error occurred.

User Response: Contact your IBM Service representative.

ASN1067E   The Apply program has detected update conflicts and compensated rejected transactions. See the unit-of-work table for details. The error code is "<error_code>".

Explanation: More than one application updated the same row in a table from different

locations. Some transactions have been rejected and compensated.

User Response: See the ASN.IBMSNAP_UOW table for details.

ASN1068E   The Apply program has deactivated the subscription due to a RI violation. The error code is "<error_code>".

Explanation: A referential integrity violation was detected when copying data from the source table to a replica. The Apply program has terminated and the subscription has been deactivated.

User Response: Correct the referential integrity error and reactivate the subscription.

ASN1069E   The Apply program has detected a referential integrity violation and compensated the rejected transactions. See the unit-of-work table for more details. The error code is "<error-code>".

Explanation: A referential integrity violation was detected when replicating data from the replica to the user table.

User Response: See the unit-of-work table for more details.

ASN1070E   The Apply program could not lock the target table.

Parameters:
- ERRCODE is "<error_code>"
- SQLSTATE is "<sqlstate>"
- SQLCODE is "<sqlcode>"
- SQLERRM is "<sqlerrm>"
- SQLERRP is "<sqlerrp>"
- server name is "<server_name>"
- table name is "<table_name>"

Explanation: The Apply program could not lock the target tables before it was to check update conflicts.

User Response: Verify that all the target tables are available before rerunning Apply.

ASN1071E   The Apply program has detected an error while reading the temporary work file. The error code is "<error_code>".

Explanation: The Apply program has detected an error while reading the temporary work file.

User Response: Contact your IBM Service representative.

ASN1072E   The Apply program could not find the ASNDONE program.

Explanation: The Apply program could not find the user exit program, ASNDONE.

User Response: Verify that the ASNDONE program is located in the correct directory.

ASN1073E   The execution of the ASNDONE program failed. The return code is "<return_code>".

Explanation: An error occurred while calling the user exit, ASNDONE.

User Response: Contact your IBM Service representative.

ASN1074E   The Apply program could not find the ASNDLCOPY program.

Explanation: The Apply program did not find the ASNDLCOPY program in the current search path.

User Response: Add the ASNDLCOPY program to the search path and run the Apply program again.

ASN1075E   The ASNDLCOPY program failed. The return code is "<error-code>".

Explanation: The ASNDLCOPY program detected an error.

User Response: Refer to the log file that was generated by the ASNDLCOPY program for

detailed information. The name of the log file is asndlxxxx.log.

ASN1076E   The Apply program cannot read the format of the result file that was generated by the ASNDLCOPY program.

Explanation: The result file that was generated by the ASNDLCOPY program is not in an expected format.

User Response: If you modified the ASNDLCOPY program, check that your changes are not causing the invalid format. If your changes are not the cause of the problem, check that your machine has enough space for the result file.

ASN1077S   The Apply program encountered an invalid DATALINK column value while updating the target table. The error code is "<error-code>".

Explanation: The DATALINK column field of a row fetched from the source table is not valid.

User Response: Contact IBM Software Support.

ASN1097I   The Apply program stopped due to the above error.

Explanation: The error reported previously caused the Apply program to stop.

User Response: Fix the error reported before this message.

ASN1100I   A user has stopped the Apply program.

Explanation: A user issued the STOP command to stop the Apply program.

User Response: No action is required.

ASN1109I   Not all of the Jet database changes are applied due to an RI violation.

Explanation: There was at least one change in the row-replica target list table that violates the referential integrity (RI) of the source table.

User Response: Refer to the IBMSNAP_ERROR_INFO and IBMSNAP_ERROR_MESSAGE tables for more details.

ASN1110I   The Apply program created Jet database "<db_name>".

Explanation: The target database <db_name> was created.

User Response: No action is required.

ASN1111I   The Apply program converted Jet Database "<db_name>" to a Design Master.

Explanation: The database that you specified is now a Design Master from which all Microsoft Jet Replicas will be created.

User Response: No action is required.

ASN1115I   ODBC call was successful with sqlcode "<sqlcode>", sqlstate "<sqlstate>", and message "<message>".

Explanation: The ODBC call was successful, but a message was issued. This message is for your information only.

User Response: No action is required.

ASN1116E   ODBC call failed. sqlcode "<sqlcode>", sqlstate "<sqlstate>", and message "<message>".

Explanation: An error occurred during the execution of an ODBC operation against either the DB2 ODBC driver or the MS Jet ODBC driver.

User Response: Refer to the appropriate ODBC

reference for more information.

ASN1130E **Execution of DAO call failed. ERRCODE "<error_code>", DAO error number "<error_number>", and DAO error message "<error_message>".**

Explanation: An error occurred during a Microsoft Data Access Object (DAO) execution.

User Response: Refer to the Microsoft DAO reference for more information.

ASN1135E **File operation failed. File name is "<file_name>", error code is "<error_code>".**

Explanation: Open, close, read, or write operations failed.

User Response: Verify that the user has authority for the file operation. Also verify that there is enough space in the system.

ASN1200I **The asncopy program completed.**

Explanation: This message is for your information only.

User Response: No action is required.

ASN1201S **Place holder for generic message - internal error**

Explanation: The asncopy program encountered an SQL error.

Parameters:

- ERRCODE is "<error_code>"
- SQLSTATE is "<sqlstate>"
- SQLCODE is "<sqlcode>"
- SQLERRM is "<sqlerrm>"
- SQLERRP is "<sqlerrp>"
- server name is "<server_name>"
- table name is "<table_name>"

User Response: Refer to your database messages reference for SQL.

ASN1202E **The asncopy program encountered an SQL error. ERRCODE is "<error code>", SQLSTATE is "<sqlstate>", SQLCODE is "<sqlcode>", SQLERRM is "<sqlerrm>", SQLERRP is "<sqlerrp>", table name is "<table name>".**

Explanation: This message is for your information only.

User Response: No action is required.

ASN1203I **The asncopy program was stopped by the user.**

Explanation: This message is for your information only.

User Response: No action is required.

ASN1204E **The asncopy program encountered an incorrect keyword. The keyword is "<keyword>".**

Explanation: A keyword was entered incorrectly.

User Response: Execute the command again, using the correct keyword.

ASN1205E **The asncopy program terminated due to a Capture program error.**

Explanation: An inconsistency in Capture program executions has caused the asncopy program to end.

User Response: Refer to the trace produced by the Capture program (ASN.IBMSNAP_TRACE) or the asncopy program error log to determine the cause of the error.

ASN1206E **The asncopy program terminated due to an Apply program error.**

Explanation: An inconsistency in Apply program executions has caused the asncopy program to end.

User Response: Refer to the apply trail table or

the asncopy program error log to determine the cause of the error.

ASN1207E   The subscription for "<subscription>" was not activated.

Explanation: The selected subscription is inactive.

User Response: Either activate the subscription or select another one.

ASN1208E   The asncopy program could not find the subscription for set "<set>".

Explanation: The selected subscription does not exist.

User Response: Enter the correct subscription.

ASN1209E   The asncopy program could not find any eligible subscription.

Explanation: Either no subscription name was specified or the names specified are invalid.

User Response: Check the subscription names and be sure to enter the correct ones.

ASN1210E   An Apply qualifier must be specified following the keyword -q.

Explanation: You must specify an Apply qualifier following the keyword q.

User Response: Specify an Apply qualifier following the keyword q.

ASN1211E   Set names must be specified following the keyword "<keyword>".

Explanation: You must specify the set names following the keyword (O, U, D, or S).

User Response: Reinitiate the asncopy program, specifying the keyword and then the set names.

ASN1212E   A read-only set name "<set_name>" is found following the keyword "<keyword>".

Explanation: A read-only set name was specified following the keyword U or D.

User Response: Specify only replica for the keywords U and D.

ASN1214E   The set name "<set_name>" is specified more than once.

Explanation: The same set name cannot be specified in more than one list.

User Response: Reinitiate the asncopy program, being sure to specify each set name only once among all lists.

ASN1221I   Set "<set_name>" has been successfully refreshed with "<number>"rows at "<time>".

Explanation: This message is for your information only.

User Response: No action is required.

ASN1222I   Set "<set_name>" has successfully inserted "<number>" rows, deleted "<number>" rows, updated "<number>" rows at "<time>".

Explanation: This message is for your information only.

User Response: No action is required.

ASN1223E   The Apply program could not copy for set "<set_name>".

Explanation: The Apply program encountered a problem while copying.

User Response: Refer to the apply trail table or the asncopy program error log to determine the cause of the error.

ASN1230S **The asncopy program encountered a system error. The error code is "<error_code>"and the return code is "<return_code>".**

Explanation: The asncopy program encountered an error in the database.

User Response: Trace the error and call your IBM Service representative.

ASN1240E **A system error has been detected. The error code is "<error_code>", return code is "<return_code>".**

Explanation: The asncopy program encountered an error in the database.

User Response: Trace the error and call your IBM Service representative.

ASN1242E **A SQL error occurred. ERRCODE is "<error_code>", SQLSTATE is "<sqlstate>", SQLCODE is "<sqlcode>", SQLERRM is "<sqlerrm>", SQLERRP is "<sqlerrp>", table name is "<table_name>".**

Explanation: This message is for your information only.

User Response: No action is required.

ASN1243E **There is no eligible subscription in the ASN.IBMSNAP_SUBS_SET table.**

Explanation: Either a subscription has not been selected or the apply qualifier is invalid.

User Response: Verify the subscription names and apply qualifier.

ASN1244E **User has not selected any set.**

Explanation: A subscription set has not been selected from the ASNMOBIL dialog.

User Response: Select at least one set from ASNMOBIL dialog.

ASN1303E **The ASNSAT program encountered an incorrect invocation keyword. The keyword is "<keyword>".**

Explanation: An unknown keyword parameter was specified.

User Response: Specify the correct keyword parameter.

ASN1304E **The ASNSAT program terminated due to a Capture error.**

Explanation: The Capture program returned an error.

User Response: Determine the error from the Capture log file.

ASN1305E **The ASNSAT program terminated due to an Apply error.**

Explanation: The Apply program returned an error.

User Response: Determine the error from the Apply log file.

ASN1309E **Cannot find default control database name.**

Explanation:

Satellite:
    The default control server, SATCTLDB, is not found from the database directory.

Non-Satellite:
    The user did not specify the default control server name in DB2DBDFT.

User Response: Specify the control server name following the -n keyword.

ASN1310E **The ASNSAT program encountered a system error while attempting to invoke the Capture program. Return code is "<return_code>".**

Explanation: An operating system error occurred while calling asnccp.

User Response: Make sure that the Capture program is in the execution path.

ASN1311E   The ASNSAT program encountered a system error while attempting to invoke the Apply program. Return code is "<return_code>".

Explanation: An operating system error occurred while calling asnapply.

User Response: Make sure that the Apply program is in the execution path.

ASN1312E   The default target server, DB2DBDFT, is not set.

Explanation: The user did not specify the target server name, and the ASNSAT program could not determine the default database name from DB2DBDFT.

User Response: Specify the target server name following the -t keyword.

ASN1314E   An SQL error occurred while ASNSAT was getting the default Apply qualifier. SQLSTATE is "<sqlstate>", SQLCODE is "<sqlcode>".

Explanation: The user did not specify the Apply qualifier. The ASNSAT program encountered an error while retrieving the USER special register.

User Response: Specify the Apply qualifier following the -q keyword.

ASN1315E   Cannot connect to database server. SQLSTATE is "<sqlstate>", SQLCODE is "<sqlcode>".

Explanation: An error occurred while attempting to connect to the target database.

User Response: Refer to your database's message reference.

ASN1316E   ASNSAT encountered an error while trying to bind. The SQLSTATE is "<sqlstate>", SQLCODE is "<sqlcode>".

Explanation: An error occurred while attempting to auto bind.

User Response: Make sure that the bind file exists in the sqllib\bnd directory.

ASN1317E   An SQL error occurred while ASNSAT was getting the CD_TABLE value from ASN.IBMSNAP_REGISTER table. SQLSTATE is "<sqlstate>", SQLCODE is "<sqlcode>".

Explanation: An SQL error occurred while selecting from the register table.

User Response: Refer to your database's message reference.

ASN1318E   An SQL error occurred while ASNSAT attempted to get the DB2 node type. SQLSTATE is "<sqlstate>", SQLCODE is "<sqlcode>".

Explanation: An error occurred while retrieving the node type configuration parameter.

User Response: Refer to your database's message reference.

Chapter 3. CCA Messages

This section contains the Client Configuration Assistant Interface (CCA) messages. The messages are listed in numeric sequence.

CCA2001W **No files were found matching the file pattern specified.**

Explanation: A request was made to read from files matching the specified file pattern. No files were found matching the pattern.

User Response: Correct the file pattern specified and retry the operation.

CCA2002W **An error was encountered updating the TCP/IP services file.**

Explanation: An attempt to add a service name and port number to the TCP/IP services file failed or Network Information Services is being used and only the local services file was updated. The port number was used to catalog the node instead of the service name.

User Response: If you wish to use the service name instead of the port number in the node directory entry, the node must be manually uncataloged and then recataloged using the service name. The services file must also be updated manually. If Network Information Services (NIS) is being used, the local services file may have been updated but the NIS server must be updated manually. In this case, the node was also cataloged using the port number.

CCA2003W **The Discover request did not return data for one or more DB2 systems.**

Explanation: The discover request did not return data for one or more of the requested DB2 systems. One of the following may have occurred:
- The Administration Server to which the discover request was sent has not been started.

- An error occurred attempting to perform the discover request.
- The DB2 system to which the discover request was sent is not configured for discovery.

User Response: Verify that the DB2 system to which the discover request was sent is enabled for discovery. If enabled for discovery, ensure that the Administration Server on the DB2 system is running.

CCA2004W **The nname value specified is not unique.**

Explanation: The nname value specified is already being used by another NetBIOS application on the network.

User Response: Select 'YES' to use the specified nname or 'NO' to cancel the request. If 'YES' is selected, any application using the existing nname will be affected.

CCA2005W **The socket number specified is not unique.**

Explanation: The socket number specified is being used by another DB2 instance on the workstation.

User Response: Select 'YES' to use the specified socket or 'NO' to cancel the request. If 'YES' is selected, any application using the existing socket number will be affected.

CCA2006W **An entry already exists in the TCP/IP services file for the service name and port number specified.**

Explanation: An entry already exists in the TCP/IP services file for the service name and

port number specified. Another application may be using the entry.

User Response: Select 'YES' to use the existing entry or 'NO' to cancel the request. If 'YES' is selected, any application using the existing entry will be affected.

CCA2007W   The port number specified is being used with a different service name.

Explanation: The TCP/IP services file contains an entry that uses the port number specified but the associated service name does not match the service name specified.

User Response: Select 'YES' to use the specified service name and port number or 'NO' to cancel the request. If 'YES' is selected, a new entry will be added to the services file. Any applications using the entry with the existing port number may be affected.

CCA2008W   The service name specified is being used with a different port number.

Explanation: The TCP/IP services file contains an entry that uses the service name specified but the associated port number does not match the port number specified.

User Response: Select 'YES' to use the specified service name and port number or 'NO' to cancel the request. If 'YES' is selected, the existing entry in the services file, using the service name, will be updated to use the port number specified. This may affect any applications using the existing entry.

CCA2009W   The request was cancelled by the user.

Explanation: The request was cancelled by the user.

User Response: None.

CCA2010W   An attempt to update the APPC stack failed.

Explanation: An attempt to add the Transaction Program name to the APPC stack failed.

User Response: The APPC stack must be manually updated. If the Transaction Program name is not added to the stack, remote connections to the server will not be possible.

CCA2011W   An attempt to add the service name and port number to the TCP/IP services file failed.

Explanation: An attempt to add the service name and port number to the TCP/IP services file failed. The database manager configuration file has been updated with the service name specified.

User Response: The service name and port number must be manually added to the TCP/IP service file. If the entry is not added to the services file, remote connections to the server will not be possible.

CCA2012W   The Discover request did not find any DB2 systems.

Explanation: A request to search the network for DB2 systems completed successfully but no DB2 systems were found. Following is a list of possible reasons why no DB2 systems were found:

- Search discovery was not enabled on any DB2 systems (that is, in the DBM configuration file of the administration server on the DB2 system, DISCOVER = SEARCH was not specified).
- The DB2 system was not set up with the appropriate discovery protocol for the client to find it (that is, DISCOVER_COMM on the administration server does not contain a protocol that matches one specified for DISCOVER_COMM on the client).
- The DB2 system is on the other side of a router or bridge, and the routers and bridges

on the network were configured such that the discovery packet was filtered out and not passed on.

User Response: Following is a list of possible actions to take in order for discovery to find DB2 systems:

- Set DISCOVER = SEARCH in the DBM configuration file of the administration server on all DB2 systems that you wish to be found.
- Set DISCOVER_COMM for the administration server to include the protocol that the client will use to issue a discover request (that is, set DISCOVER_COMM to include at least one of the protocols specified in DISCOVER_COMM on the client).
- Have the network administrator reconfigure the router or bridge to allow discovery packets (for the specified protocol) to be passed through.

CCA2013W   **Remote database cataloged using APPC but the stack was not configured.**

Explanation: A request to catalog a database resulted in a node being cataloged that uses the APPC protocol. The node was cataloged using the symbolic destination name which was retrieved from the profile specified. The APPC stack was not configured because there was insufficient information in the profile to configure the stack or APPC was not detected on the DB2 system. It was not possible to use a different protocol because no other matching protocol was detected on the client.

User Response: If APPC is not installed on the client, uncatalog the database and recatalog the database manually using a protocol that is available on both the client and server. If APPC is installed, configure the stack if it has not already been configured.

CCA2014W   **The transaction program name specified is not unique or has already been configured.**

Explanation: The transaction program name specified is already being used by another DB2

instance or a non DB2 application on this server.

User Response: Select 'YES' to use the specified transaction program name or 'NO' to cancel the request. If "YES" is selected, for all applications using the transaction program name concurrently, APPC will only be operational for the first one started. If any new APPC parameter values have been specified, the APPC stack will be updated with these values.

CCA2015W   **The service name and port number specified are being used in different entries in the services file.**

Explanation: The TCP/IP services file contains entries that use the service name and port number specified but they are not being used in the same entry.

User Response: Select 'YES' to use the specified service name and port number or 'NO' to cancel the request. If 'YES' is selected, the existing entry in the services file, using the service name, will be updated to use the port number specified. This may affect any applications using the existing entries.

CCA3000C   **An internal error has occurred. Reason code "<reason code>".**

Explanation: An unexpected internal error has occurred.

User Response: Turn trace on and retry the steps that caused the error. If the problem reoccurs, save the trace information to a file and contact IBM Support with the following information:
- Problem description
- Message number
- Reason code
- Trace file

CCA3001N   The specified service name and port number conflicts with existing values in the TCP/IP services file.

Explanation: The service name and port number entered by the user conflicts with existing values in the TCP/IP services file. The service name may already be used with a different port number, the port number may already be used with a different service name or both.

User Response: Specify a service name and port number that does not conflict with existing entries in the services file.

CCA3002N   An I/O error occurred.

Explanation: An error was encountered attempting to open, read, change the file position or close a file.

User Response: If a file name was specified, verify that the file name is valid and that the user has permission to access the file. Also check for any disk and operating system errors.

CCA3003N   The format of the file is not valid.

Explanation: An error was encountered reading from a file. The format of the file is not valid. Possible errors include:

- The file contains invalid data.
- The file does not contain expected data.
- The order of the data in the file is incorrect.

User Response: If a file name was specified, and the file has been modified by the user, regenerate the file and retry the operation. If the problem persists, and the file was not modified by the user, or the problem occurred during a Discover request, turn trace on and retry the steps that caused the error. If the problem reoccurs, save the trace information to a file and contact IBM Support with the following information:
- Problem description
- Message number
- Trace file

- File which is causing the error if a file name was specified

---

CCA3004N   An attempt to allocate memory failed.

Explanation: An error was detected attempting to allocate memory.

User Response: Terminate other applications running on the system that may be using large amounts of memory. If the problem persists, turn trace on and retry the operation. If the problem reoccurs, save the trace information to a file and contact IBM Support with the following information:
- Problem description
- Message number
- Trace file

CCA3005N   An error was encountered writing to a file.

Explanation: An error was detected while writing to a profile. The error could also be encountered when updating a host system password and errors are being recorded in the file db2pem.log.

User Response: Verify that the file system on which the file resides is not full and is not damaged. Also check for any operating system errors.

CCA3006N   No matching communication protocol was detected.

Explanation: The database cannot be cataloged because none of the protocols available on the client match any of the protocols available at the server.

User Response: Ensure that the client and server has at least one matching communication protocol that can be detected on both the client and the server. If a matching protocol is installed on both the client and the server, the protocol could not be detected. In this case, catalog the database and node manually.

CCA3007N   The database alias name specified is not valid.

Explanation: The length of the database alias specified is not a valid or the alias contains invalid characters.

User Response: Correct the alias name and resubmit the request.

CCA3009N   The application requestor name specified is not valid.

Explanation: The length of the application requestor name specified is not valid or the name contains invalid characters.

User Response: Correct the application requestor and resubmit the request.

CCA3010N   The length of the parameter value specified is not valid.

Explanation: The length of the parameter value specified for the application requestor is not valid.

User Response: Correct the parameter value and resubmit the request.

CCA3011N   The target database name specified is not valid.

Explanation: The length of the target database name specified is not valid or the name contains invalid characters.

User Response: Correct the target database name and resubmit the request.

CCA3012N   Add ODBC data source failed.

Explanation: A request to add an ODBC data source failed. The error could be caused by an out of memory error, a disk full condition or a disk failure.

User Response: Verify that the disk on which the ODBC.INI and DB2CLI.INI files reside is not full and that the disk is not damaged. In addition, if other applications are using large amounts of memory, terminate the applications and retry the operation.

CCA3013N   Remove ODBC data source failed.

Explanation: A request to remove an ODBC data source failed. The error could be caused by an out of memory condition or a disk failure.

User Response: If other applications are using large amounts of memory, terminate the applications and retry the operation. Also verify that the disk on which the ODBC.INI and DB2CLI.INI files reside is not damaged.

CCA3014N   The bind request cannot be processed.

Explanation: The bind request cannot be processed because another bind operation is already in progress.

User Response: Complete or terminate the bind in progress and resubmit the bind request.

CCA3015N   The adapter specified is not valid.

Explanation: The adapter specified was not detected on the DB2 system.

User Response: Specify an adapter that is available and resubmit the request.

CCA3016N   The nname value specified is not unique.

Explanation: The nname value specified is already being used by another NetBIOS application on the network.

User Response: Specify a unique nname and retry the operation.

CCA3017N   The path specified for the file is not valid.

Explanation: An attempt was made to open the specified file but the path specified is invalid or does not exists.

User Response: Ensure that the path specified is valid and the path for the file exists.

CCA3018N   The user does not have sufficient authority to access the file.

Explanation: An attempt was made to access the requested file but the user does not have the required authority to access the file.

User Response: Ensure that the user has the required authority to access the file.

CCA3019N   The file name specified is a directory.

Explanation: An attempt to access the file specified failed because the name specified is a directory and not a file.

User Response: Specify a valid file name and retry the operation.

CCA3020N   An attempt to access the specified file failed because of a share violation.

Explanation: An attempt to access the file specified failed because of a share violation. Another process may have the file opened in exclusive mode.

User Response: The file is currently being accessed by another process in exclusive mode. Ensure that no other process is accessing the file and retry the operation or specify another file name.

CCA3021N   An attempt to retrieve, add or remove variable ″<variable name>″ from the DB2 Profile Registry failed. Reason code ″<reason code>″.

Explanation: An attempt to retrieve, add or remove the indicated variable from the DB2 Profile Registry failed. The reason code indicates the cause of the problem. The possible reason codes are as follows:

- -3 Insufficient memory to process the request
- -4 Variable not found in the registry
- -7 DB2 Profile Registry is not found on this DB2 system

- -8 Profile not found for the given instance
- -9 Profile not found for the given node
- -10 UNIX registry file lock time-out

User Response: For reason code -3, terminate other applications using large amounts of memory and retry the operation. For reason code -4, ensure that the variable is set in the DB2 Profile Registry. For reason code -7, ensure that the DB2 Profile Registry has been created. For reason codes -8 and -9, ensure that the specified profile has been created. For reason code -10, ensure that the registry file is not locked by another process.

CCA3022C   An attempt to retrieve the address of a function from library ″<library name>″ failed. Reason code ″<reason code >″.

Explanation: An attempt to retrieve the address of a function from the indicated library failed.

User Response: Verify that the correct version of the library is being used. If the incorrect version is being used, install the correct version. If the problem persists, turn trace on and retry the steps that caused the error. If the problem reoccurs, save the trace information to a file and contact IBM Support with the following information:
- Problem description
- Message number
- Reason code
- Trace file

CCA3023C   An attempt to load library ″<library name>″ failed. Reason code ″<reason code>″.

Explanation: An attempt to load the indicated library failed.

User Response: Verify that the path in which the library resides is included in the library path. Also ensure that there is enough memory available to load the library. If the problem persists, turn trace on and retry the steps that caused the error. If the problem reoccurs, save the trace information to a file and contact IBM Support with the following information:

- Problem description
- Message number
- Reason code
- Trace file

CCA3024C   An attempt to unload library
″<library name>″ failed. Reason
code ″<reason code>″.

Explanation: An attempt to unload the indicated library failed.

User Response: Turn trace on and retry the steps that caused the internal error. If the problem reoccurs, save the trace information to a file and contact IBM Support with the following information:
- Problem description
- Message number
- Reason code
- Trace file

CCA3025N   One or more of the IPX/SPX
parameters specified is not valid.

Explanation: One or more of the input parameters is not valid. Following is a list of possible errors:
- One or more of the fileserver, objectname and ipx_socket parameters is NULL.
- Only the fileserver parameter or objectname parameter is set to ″*″.
- The fileserver and/or objectname parameters are not set to ″*″ for Windows NT and Solaris.
- The objectname value specified is not unique.
- The ipx_socket value specified is not unique.
- The ipx_socket value specified is not in the valid range.
- The DB2 system failed to attach to the fileserver specified.

User Response: Verify the following:
- The fileserver, objectname and ipx_socket parameters are not NULL.
- If the value specified for fileserver is ″*″, the value for objectname must also be ″*″.
- On Windows NT and Solaris, both fileserver and objectname must be ″*″.

- The value specified for objectname, if not ″*″, is unique for all DB2 instances and IPX/SPX applications registered at the fileserver.
- The value specified for ipx_socket is unique across all DB2 instances on the DB2 system.
- The value specified for ipx_socket is within the valid range.
- The fileserver specified exists and that it is up and running.

Correct all errors and retry the operation.

CCA3026N   No available NetBIOS adapters
detected.

Explanation: A NetBIOS adapter was not detected on the DB2 system. The database cannot be cataloged.

User Response: Catalog the database and node manually if an adapter is available on the DB2 system.

CCA3027N   The port number specified is out
of range.

Explanation: The TCP/IP port number specified is out of range. The maximum value that can be specified for the port number if 65534.

User Response: Specify a port number that does not exceed the maximum value and retry the operation.

CCA3028N   The DB2INSTANCE variable is
not valid.

Explanation: The DB2INSTANCE environment variable is not set or is set to the Administration Server instance. The Client Configuration Assistant cannot run under the Administration Server Instance.

User Response: Set the DB2INSTANCE variable to an instance other than the Administration Server instance.

CCA3029N   Updating of the ODBC data source settings failed.

Explanation: A request to update the settings of an ODBC data source failed. The error could be caused by an out of memory error, a disk full condition or a disk failure.

User Response: Verify that the disk on which the DB2CLI.INI file resides is not full and that the disk is not damaged. In addition, if other applications are using large amounts of memory, terminate the applications and retry the operation.

CCA3030N   Values missing for configuring APPC.

Explanation: A request was made to catalog a database using APPC or to configure a server instance for APPC. The request could not be completed because one or more parameters were not specified.

User Response: Ensure that all required parameters have been specified and retry the operation.

CCA3031N   The APPC stack has not been configured for the database selected.

Explanation: The database selected is using APPC for the database connection. However, the APPC stack has not been configured for the connection.

User Response: Configure the APPC stack for the database selected.

CCA5000N   The user ID specified is not valid.

Explanation: The user ID specified does not exist.

User Response: Enter the correct user ID and resubmit the request.

CCA5001N   The password specified is incorrect.

Explanation: The password specified for the user ID is incorrect.

User Response: Enter the correct password for the user ID and resubmit the request.

CCA5002N   The password for the user ID has expired.

Explanation: The password for the user ID has expired and cannot be updated.

User Response: Contact your system administrator to have the password reset.

CCA5003N   The new password specified is not valid.

Explanation: The new password specified is not valid.

User Response: Enter a valid password and resubmit the request.

CCA5004N   An unexpected error occurred.

Explanation: An unexpected error occurred while attempting to update the password for the user ID specified. Additional information may have been written to the file db2pem.log in the instance directory.

User Response: Contact your system administrator for further assistance and provide the information from the file db2pem.log.

Chapter 4. CLI Messages

This section contains the Call Level Interface (CLI) messages. The messages are listed in numeric sequence.

CLI0001W   Disconnect error.

Explanation: An error occurred during the disconnect. However, the disconnect succeeded.

User Response: Validate that the communication between the client and the server are still active.

CLI0002W   Data truncated.

Explanation: An output buffer specified is not large enough to contain the data.

User Response: Increase the size of the output buffer.

CLI0003W   Privilege not revoked.

Explanation: The statement was a REVOKE statement and the user did not have the specified privilege.

User Response: No action needed.

CLI0004W   Invalid connection string attribute.

Explanation: An invalid or unsupported connection string attribute was specified in the connection string but the driver was able to connect to the data source anyway.

User Response: No action needed.

CLI0005W   Option value changed.

Explanation: The driver did not support the specified option value and substituted a similar value.

User Response: No action needed.

CLI0006W   SQLCancel treated like a close.

Explanation: The SQLCancel call was treated like a SQLFreeStmt call with the SQL_CLOSE option.

User Response: No action needed.

CLI0100E   Wrong number of parameters.

Explanation: The number of parameters specified in SQLSetParam or SQLBindParameter was less than number of parameters in the SQL statement.

User Response: Respecify the SQL statement or provide more input parameters through SQLSetParam or SQLBindParameter.

CLI0101E   The statement did not return a result set.

Explanation: The previous statement does not result in a result set.

User Response: Respecify the SQL statement.

CLI0102E   Invalid conversion.

Explanation: The conversion between the application data type and SQL data type is not supported by the driver.

User Response: Respecify a data conversion which is supported by the driver.

CLI0103E   Too many columns.

Explanation: The number of columns specified in SQLBindCol is greater than the number of columns in the current result set.

User Response: Respecify the SQL statement or

---

reset the bound column information in SQLBindCol.

CLI0104E   Unable to connect to data source.

Explanation: The driver was unable to establish a connection with the data source.

User Response: Ensure the server is started and that the communications between the client and server are correct.

CLI0105E   Connection in use.

Explanation: The specified connection handle is already being used and the connection is still opened.

User Response: Allocate a new connection using SQLAllocConnect and retry the connection or terminate the existing connection.

CLI0106E   Connection is closed.

Explanation: The connection specified by the connection handle is no longer active.

User Response: Establish a new connection.

CLI0107E   Connection failure during transaction.

Explanation: The connection failed during the execution of the function and it cannot be determined whether the COMMIT or ROLLBACK occurred before the failure.

User Response: Establish a new connection.

CLI0108E   Communication link failure.

Explanation: The connection between the driver and the data source failed during execution of this function.

User Response: Establish a new connection.

CLI0109E   String data right truncation.

Explanation: The data specified through SQLSetParam or SQLBindParameter is larger than the maximum size allowed for the

corresponding use of a parameter marker.

User Response: Respecify the parameter using SQLSetParam or SQLBindParameter.

CLI0110E   Invalid output or indicator buffer specified.

Explanation: The returned data was NULL but the output or indicator buffer specified was a NULL buffer.

User Response: Respecify the output or indicator buffer supplying a non-NULL buffer and retry the operation.

CLI0111E   Numeric value out of range.

Explanation: Returning the numeric data would have caused the whole part of the number to be truncated.

SQLPutData was called more than once for a parameter and the input data was not of type character or binary.

User Response: Respecify the output bindings either through SQLBindCol or SQLGetData to avoid creating a numeric data truncation.

Do not call SQLPutData for a parameter if the application data type specified for that parameter through SQLSetParam or SQLBindParameter is not SQL_C_CHAR or SQL_C_BINARY.

CLI0112E   Error in assignment.

Explanation: The data sent for a parameter or column was incompatible with the data type of the associated table column.

User Response: Respecify the output binding through SQLBindCol or SQLGetData or the input binding through SQLSetParam or SQLBindParameter.

CLI0113E   Invalid date format.

Explanation: The data sent for a date field was invalid.

User Response: Respecify the date data.

CLI0114E   Datetime field overflow.

Explanation: The data sent for a date, time, or timestamp parameter, or column, was invalid.

User Response: Respecify the date, time, or timestamp data.

CLI0115E   Invalid cursor state.

Explanation: The statement is not positioned on a row.

User Response: Position the statement on a row by calling SQLFetch or SQLExtendedFetch and retry the operation.

CLI0116E   Invalid transaction state.

Explanation: There was a transaction in progress when SQLDisconnect was called.

User Response: Call SQLTransact before calling SQLDisconnect.

CLI0117E   Invalid cursor name.

Explanation: An invalid or duplicate cursor name was specified in SQLSetCursorName.

User Response: Respecify a valid cursor name through SQLSetCursorName.

CLI0118E   Invalid SQL syntax.

Explanation: An invalid or incorrect SQL statement was specified.

User Response: Respecify a valid SQL statement.

CLI0119E   Unexpected system failure.

Explanation: An unexpected system failure occurred while processing the function.

User Response: Restart the application and try again.

CLI0120E   Memory allocation failure.

Explanation: The driver was unable to allocate memory required to support execution or completion of the function.

User Response: Verify that your system has enough memory to complete the desired operation.

CLI0121E   Invalid column number.

Explanation: The value specified in iCol is less than zero, greater than the number of columns in the result set, or greater than the maximum number of columns allowed in a result set.

User Response: Respecify a valid value for iCol.

CLI0122E   Program type out of range.

Explanation: The value specified for fCType is not valid.

User Response: Respecify a valid value for fCType.

CLI0123E   SQL data type out of range.

Explanation: The value specified for fSQLType is not valid.

User Response: Respecify a valid value for fSQLType.

CLI0124E   Invalid argument value.

Explanation: The value specified for an argument was invalid. Possible reasons may be a null pointer, invalid length, invalid option, etc.

User Response: Re-examine the argument passed in to the function and determine which argument is invalid.

CLI0125E   Function sequence error.

Explanation: This function was called in an invalid sequence.

User Response: Correct the sequence in your application and retry the operation.

CLI0126E **Operation invalid at this time.**

Explanation: The operation the system is trying to perform is invalid at this time.

User Response: Correct the sequence of operation and retry the operation.

CLI0127E **Invalid transaction code.**

Explanation: The transaction option specified in SQLTransact was not SQL_COMMIT or SQL_ROLLBACK.

User Response: Specify either SQL_COMMIT or SQL_ROLLBACK and retry the operation.

CLI0128E **Unexpected memory handling error.**

Explanation: Memory handling error.

User Response: An unexpected error occurred in the driver while handling some internal memory buffer. Restart your application.

CLI0129E **No more handles.**

Explanation: A call was made to SQLAllocEnv, SQLAllocConnect, or SQLAllocStmt but no more handles are available in the driver.

User Response: Call SQLFreeEnv, SQLFreeConnect, or SQLFreeStmt to free up some handles which are no longer being used in the application.

CLI0130E **No cursor name available.**

Explanation: There was no open cursor on the statement and no cursor had been set with SQLSetCursorName.

User Response: Specify a cursor name through SQLSetCursorName.

CLI0131E **Invalid string or buffer length.**

Explanation: The length of the buffer specified is invalid.

User Response: Specify a valid buffer length.

CLI0132E **Descriptor type out of range.**

Explanation: The description type specified is not valid.

User Response: Specify a valid descriptor type.

CLI0133E **Option type out of range.**

Explanation: The option type specified is not valid.

User Response: Specify a valid option type.

CLI0134E **Invalid parameter number.**

Explanation: The number specified for the parameter number is less than zero or greater than the maximum parameter supported by the data source.

User Response: Specify a valid parameter number.

CLI0135E **Invalid scale value.**

Explanation: The scale value specified is invalid.

User Response: Specify a valid scale value.

CLI0136E **Function type out of range.**

Explanation: The function type is invalid.

User Response: Specify a valid function type value.

CLI0137E **Information type out of range.**

Explanation: The information type is invalid.

User Response: Specify a valid information type value.

CLI0138E **Column type out of range.**

Explanation: The column type is invalid.

User Response: Specify a valid column type value.

CLI0139E   Scope type out of range.

Explanation: The scope type is invalid.

User Response: Specify a valid scope type value.

CLI0140E   Uniqueness option type out of range.

Explanation: The uniqueness option type is invalid.

User Response: Specify a valid uniqueness option type value.

CLI0141E   Accuracy option type out of range.

Explanation: The accuracy option type is invalid.

User Response: Specify a valid accuracy option type value.

CLI0142E   Direction option out of range.

Explanation: The direction option is invalid.

User Response: Specify a valid direction option value.

CLI0143E   Invalid precision value.

Explanation: The precision value is invalid.

User Response: Specify a valid precision value.

CLI0144E   Invalid parameter type.

Explanation: The parameter type is invalid.

User Response: Specify a valid parameter type value.

CLI0145E   Fetch type out of range.

Explanation: The fetch type is invalid.

User Response: Specify a valid fetch type value.

CLI0146E   Row value out of range.

Explanation: The row value is invalid.

User Response: Specify a valid row value.

CLI0147E   Concurrency option out of range.

Explanation: The concurrency option is invalid.

User Response: Specify a valid concurrency option value.

CLI0148E   Invalid cursor position.

Explanation: The cursor position is invalid.

User Response: Specify a valid cursor position value.

CLI0149E   Invalid driver completion.

Explanation: The driver completion is invalid.

User Response: Specify a valid driver completion value.

CLI0150E   Driver not capable.

Explanation: The operation is valid but not supported by either the driver or the data source.

User Response: Specify a valid operation.

CLI0151E   No data pending.

Explanation: SQLParamData or SQLPutData was called but there is no data at execute pending on this statement.

User Response: Respecify the parameters through SQLSetParam or SQLBindParameter.

CLI0152E   Not a string value.

Explanation: The function expected a string argument to be supplied.

User Response: Respecify the argument to the function.

CLI0153E   **Invalid file name length.**

Explanation: The length specified for the file name is invalid.

User Response: Specify a valid file name length.

CLI0154E   **Invalid connection state.**

Explanation: An attempt to change the connection type was made but the connection or another connection (in the case of Distributed Unit of Work) is already opened.

User Response: Do not attempt to change the connection type once the connection is opened.

CLI0155E   **File name length is too long.**

Explanation: The length supplied for the file name is greater than supported.

User Response: Specify a valid file name length.

CLI0156E   **Error closing a file.**

Explanation: An unexpected condition occurred while closing a file.

User Response: Retry the operation.

CLI0157E   **Error opening a file.**

Explanation: An unexpected condition occurred while opening a file.

User Response: Retry the operation.

CLI0158E   **Error writing to a file.**

Explanation: An unexpected condition occurred while writing to a file.

User Response: Retry the operation.

CLI0159E   **Error deleting a file.**

Explanation: An unexpected condition occurred while deleting a file.

User Response: Retry the operation.

CLI0164E   **Nullable type out of range.**

Explanation: An invalid nullable value was specified.

User Response: Respecify the nullable value.

CLI0165E   **Error in row.**

Explanation: An error occurred while fetching one or more rows. (Function returns SQL_SUCCESS_WITH_INFO.)

User Response: Retry the operation.

CLI0166E   **PARMLIST syntax error.**

Explanation: The PARMLIST value in the stored procedures catalog table contains a syntax error.

User Response: Respecify the row for this stored procedure.

CLI0167E   **Operation was cancelled.**

Explanation: SQLCancel was called on the statement.

User Response: Resubmit the operation.

CLI0171E   **The database was unable to connect. Reason:**

Explanation: The database connection failed. The 'Reason:' will explain why the database was unable to connect.

User Response: Fix the problem, and try the connect again.

CLI0172E   **The database was unable to connect. Would you like to continue with the configuration? Reason:**

Explanation: The database connection failed. The 'Reason:' will explain why the database was unable to connect.

User Response: Fix the problem, and try the connect again or continue with the configuration.

CLI0175E   No ODBC Driver Manager has been found. ODBCINST.INI file cannot be opened.

Explanation: Neither one of the Visigenic or the Intersolv ODBC Driver Managers have been installed. An ODBC Driver Manager must be present before the DB2 ODBC Driver can be registered into the associated ODBCINST.INI file.

User Response: Install an ODBC Driver Manager, and try running this command again.

CLI0176E   Unable to write to the ODBCINST.INI file.

Explanation: An error has occurred while writing to an ODBCINST.INI file to be used with an ODBC Driver Manager. This may be due to invalid format of the original ODBCINST.INI file.

User Response: Rename the existing ODBCINST.INI file to something else and try running this command again. If this error persists, contact your technical support.

CLI0177E   Cannot determine where the DB2 OS/2 Client is installed.

Explanation: An error has occurred while trying to locate where the DB2 OS/2 client is installed.

User Response: Check that the DB2 OS/2 Client has been correctly installed.

CLI0178I   The DB2 ODBC Driver has been successfully registered.

Explanation: The DB2 ODBC Driver has been registered with the installed ODBC Driver Manager(s).

User Response: The user can now use the appropriate ODBC Administrator tool from the ODBC Driver Manager vendor to configure the ODBC data sources.

CLI0179E   Unable to display dialog box.

Explanation: The DB2 ODBC Driver cannot open a dialog box with the window handle provided by the application.

User Response: The application must pass a valid window handle.

CLI0180E   Invalid bookmark value.

Explanation: The argument fFetchOrientation was SQL_FETCH_BOOKMARK and the bookmark pointed to by te value SQL_ATTR_FETCH_BOOKMARK_PTR statement attribute was not valid.

User Response: Re-specify a valid bookmark value.

CLI0181E   Invalid descriptor index.

Explanation: The value specified for the column number argument is invalid.

User Response: Re-specify a valid column number.

CLI0182W   Fractional truncation.

Explanation: The data for one of the columns was truncated.

User Response: None needed.

CLI0183E   Associated statement is not prepared.

Explanation: The descriptor handle was associated with an IRD, and the associated statement handle was not in a prepared state.

User Response: Prepare the statement associated with the descriptor.

CLI0184E   Cannot modify an implementation row descriptor.

Explanation: The descriptor handle was associated with an IRD, and IRD record fields cannot be updated.

User Response: Specify a valid descriptor and field.

CLI0185E   **Invalid use of an automatically allocated descriptor handle.**

Explanation: Only explict descriptors allocated using the SQLAllocHandle function can be used in this manner.

User Response: Use an explictly allocated descriptor.

CLI0186E   **Server declined cancel request.**

Explanation: Communication errors caused the server to decline the cancel request.

User Response: None needed.

CLI0187E   **Non-character and non-binary data sent in pieces.**

Explanation: SQLPutData was called more than once for a column that was not a character or binary column.

User Response: Only call SQLPutData once for non-character and non-binary data.

CLI0188E   **Attempt to concatenate a null value.**

Explanation: A previous call to SQLPutData for this parameter specified an input buffer length of SQL_NULL_DATA

User Response: Call SQLPutData with a valid input buffer length or ensure SQLPutData is called the correct number of times.

CLI0189E   **Inconsistent descriptor information.**

Explanation: The associated descriptor failed a consistency check.

User Response: Ensure that descriptor fields are valid, and all interdependent fields are set correctly.

CLI0190E   **Descriptor invalid on indirect reference.**

Explanation: The descriptor handle was invalid, or the TYPE, OCTECT_LENGTH, DATA_PTR, INDICATOR_PTR, or OCTECT_LENGTH_PTR field of the ARD contained an invalid value.

User Response: Ensure the indirect descriptor handle is valid and that the deferred fields are set correctly.

CLI0191E   **Invalid attribute value.**

Explanation: The value given was not correct for the specified attribute.

User Response: Use a correct value for the specified attribute.

CLI0192E   **Invalid database alias specified.**

Explanation: You have specified an invalid or non-existent database alias name through the -d parameter of the DB2CAP command.

User Response: Specify the name of an existing database alias. To find out which databases are currently catalogued, use the LIST DATABASE DIRECTORY command.

CLI0193E   **Capture file <capture-file-name> not found or in use.**

Explanation: DB2CAP is unable to open the file <capture-file-name> that you specified as a BIND parameter value. Either the file does not exist or some other process is using it exclusively.

User Response: Specify the name of an existing capture file or wait until the file is released by the other process.

CLI0194E   **Command syntax error. The correct syntax is as follows: db2cap [-h | -?] bind capture-file -d db-alias [-u userid [-p password]]**

Explanation: The parameters of the DB2CAP command, as well as the command name itsef, must be typed exactly as shown in the syntax

diagram above. They are case-sensitive on UNIX platforms and case-insensitive on Intel platforms. There must be at least one space between the parameter and its value. For example: -u userid is correct, but -uuserid is incorrect.

In the syntax diagram, square brackets ([ ]) denote optional parameters. If you specify the userid but omit the password, you will be prompted to enter the password, in which case it won't be visible when you type it.

If you specify the -h or -? parameter, the command will display the syntax help and no other parameter will be processed.

User Response: Make sure the syntax of the command is as described in the diagram.

CLI0195E   **Invalid capture file: does not contain any valid statement groups.**

Explanation: A valid capture file must contain at least one valid statement group.

User Response: Re-capture the application using the same capture file and make sure that at least one SQL statement was captured, or edit the capture file and add statement groups manually. When adding a statement group manually, make sure you specify all the required keywords for the type of SQL statement you are adding. Then submit your request again.

CLI0600E   **Invalid connection handle or connection is closed.**

Explanation: Connection had been closed prior to the operation.

User Response: Ensure connection close is not called prior to the operation.

CLI0601E   **Invalid statement handle or statement is closed.**

Explanation: Statement had been closed prior to the operation.

User Response: Ensure statement close and statement connection close are not called prior to the operation.

CLI0602E   **Memory allocation error on server.**

Explanation: Cannot allocate memory on server.

User Response: Ask your database administrator to check the DB2 JDBC log file for details. Rerun your program.

CLI0603E   **CallableStatement get*** method was called without registerOutParameter.**

Explanation: Get*** method was called on a parameter that was not registered using registerOutParameter.

User Response: Add registerOutParameter call for the parameter.

CLI0604E   **CallableStatement get*** method was called without calling execute.**

Explanation: The CallableStatement get*** method was called prior to calling CallableStatement execute.

User Response: Make sure that CallableStatement execute is called prior to any CallableStatement get*** method.

CLI0605E   **CallableStatement get*** method did not match the type used in registerOutParameter.**

Explanation: The CallableStatement get*** method was not the one that corresponds to the type used in registerOutParameter for this parameter.

User Response: Change to the get*** method that matches to the type used in registerOutParameter for this parameter. (Refer to JDBC specification)

CLI0606E   **The returned value from a column is incompatible with the data type corresponding to the get*** method.**

Explanation: The value in a CHAR/VARCHAR/LONGVARCHAR column is

not a valid numeric value.

User Response: Use the appropriate get methods other than the ones that return numeric values.

CLI0607E   Invalid datetime format.

Explanation: The value in CHAR/VARCHAR/LONGVARCHAR column is invalid date/time/ timestamp value.

User Response: Use appropriate get*** method other than getDate/getTime/ getTimestamp.

CLI0608E   Invalid conversion.

Explanation: The get*** method is invalid on this column type.

User Response: Use the valid get*** method (see JDBC specification) to retrieve data from this column.

CLI0609E   Numeric value out of range.

Explanation: The value of this column is too large/small for a short or int value, conversion will cause data loss.

User Response: Use the get method that can accommodate the value.

CLI0610E   Invalid column number.

Explanation: The column number is less than 1 or greater than the total number of columns in the ResultSet.

User Response: Make sure the column number is no less than 1 and no greater than the total number of columns.

CLI0611E   Invalid column name.

Explanation: The given column name cannot be found in the ResultSet.

User Response: Ensure the column name is correct.

CLI0612E   Invalid parameter number.

Explanation: The given parameter number is less than 1 or greater than the total number of parameters.

User Response: Ensure the parameter number is no less than 1 and no greater than the total number of parameters.

CLI0613E   Program type out of range.

Explanation: The object given in the PreparedStatement/CallableStatement setObject is not a valid object type.

User Response: Make sure the object to be set is one of the object types allowed in setObject (see JDBC specification).

CLI0614E   Error sending to the socket, server is not responding.

Explanation: Error happened while sending data to server, server may be down.

User Response: Ensure the server is up, and rerun your program.

CLI0615E   Error receiving from socket, server is not responding.

Explanation: Error happened while receiving from server, server may be down.

User Response: Ensure JDBC server is up, and rerun your program.

CLI0616E   Error opening socket.

Explanation: Cannot open the socket to server, server may be down.

User Response: Ensure JDBC server is up, and rerun your program.

CLI0617E   Error closing socket.

Explanation: Cannot close the socket to server. Server may be down.

User Response: Ensure JDBC server is up, and rerun your program.

CLI0618E   Userid and/or password invalid.

Explanation: The given userid/password is not valid.

User Response: Make sure the userid/password is correct, and rerun your program.

CLI0619E   Invalid UTF8 data format.

Explanation: When getUnicodeStream is called on columns that are not DBCS columns, the decoding from UTF8 format is done, but the data cannot be decoded properly.

User Response: Use getString/getBytes/getAsciiStream/getBinaryStream instead.

CLI0620E   IOException, error reading from input stream.

Explanation: Error happened when reading data to be put from input stream.

User Response: Make sure the file exists, and file length is correctly given.

CLI0621E   Unsupported JDBC Server configuration.

Explanation: The target JDBC Server configuration is not supported. If you are running the Control Center, the target JDBC Server must be a standalone db2jd process (started via db2jstrt) and not a 2-tier native JDBC Server.

User Response: Reconfigure the JDBC Server using db2jstrt on the port targeted by the Control Center.

CLI0622E   Error accessing JDBC administration service extensions.

Explanation: The Control Center depends upon administration support services that run with the JDBC server. The Control Center was not able to locate or access these administration services.

User Response: Ensure that the Control Center's administration services are installed with the JDBC server.

CLI0623E   Code page conversion tables do not exist.

Explanation: Cannot find the codepage conversion tables.

User Response: Ensure the conversion tables (from the local codepage to Unicode and from Unicode to the local codepage) are installed.

CLI0624E   Code page conversion tables are not loaded.

Explanation: Cannot load the codepage conversion tables.

User Response: Ensure your JDBC application has access to the code page tables and the tables are not corrupted.

CLI0625E   You specified JDBC 1.22 behavior; cannot use JDBC 2.0 functions.

Explanation: The function you are trying to call is a new function defined in JDBC 2.0, but you specified you want JDBC 1.22 behavior.

User Response: Do not set the JDBCVERSION keyword to ″122″ if you want to use JDBC 2.0 functions. It should remain unset or be set to ″200″.

CLI0626E   ″<function-name>″ is not supported in this version of DB2 JDBC 2.0 driver.

Explanation: This feature is not supported by this version of the DB2 UDB JDBC 2.0 driver.

User Response: Do not use this feature.

CLI0627E   The result set is not scrollable.

Explanation: The result set is not scrollable.

User Response: Ensure you set the statement/result set attribute to SCROLLABLE.

CLI0628E No. ″**<parameter-number>**″ **parameter marker in parameter set no.** ″**<set-number>**″ **is not set.**

Explanation: The set<data-type> method has not been called for this input parameter.

User Response: Call the set<data-type> method to specify the data type of and input value for this input parameter.

CLI0629E ″**<function-name>**″ **is not supported for this column.**

Explanation: This operation cannot be called for this column.

User Response: Change to other method.

CLI0630E **Unknown result set type/concurrency** ″**<number>**″.

Explanation: An invalid value for result set type or concurrency has been specified.

User Response: Change the value to the proper value given in the specification.

CLI0631E **No random access for mixed char/clob column.**

Explanation: Random access is not supported for this mixed char column.

User Response: Retrieve the data sequentially.

CLI0632E **Invalid fetch size; it must be between 0 and maxRows, inclusively.**

Explanation: The fetch size specified must be greater than or equal to 0, and less than or equal to maxRows.

User Response: Modifiy the value.

CLI0633E **Cannot call relative() when there is no current row.**

Explanation: The relative method was called when the cursor is not at a valid row.

User Response: First move the cursor to a valid row (using absolute, next, etc), then call relative.

CLI0634E **Error allocating CLI environment handle.**

Explanation: SQLAllocEnv failed during initialization.

User Response: Ensure the DB2INSTANCE environment variable is set properly.

CLI0635E **<function-name> is not supported in an applet.**

Explanation: <function-name> is not supported in an applet.

User Response: Avoid using <function-name> in an applet.

CLI0636E **Property "<property-name>" is not specified for the Context object.**

Explanation: Property "<property-name>" is not specified for the Context object in your Java application.

User Response: Ensure that the property "<property-name>" is specified for the Context object in your Java application.

CLI0637E **<object> cannot be found.**

Explanation: <object> does not exist.

User Response: Ensure that the <object> exists.

CLI0638E **<object> already exists.**

Explanation: <object> cannot be created as it already exists.

User Response: Ensure that the operation is correct.

CLI0639E **Empty string.**

Explanation: An empty string is not allowed.

User Response: Correct the string specified.

CLI0640E   **<object> cannot be listed.**

Explanation: <object> cannot be listed.

User Response: Ensure that the <object> can be listed.

CLI0641E   **There is a SELECT statement in the batch.**

Explanation: A SELECT statement is not allowed in the batch.

User Response: Remove the SELECT statement from the batch.

CLI0642E   **Invalid fetch direction.**

Explanation: The fetch direction specified is not supported.

User Response: Correct the fetch direction.

CLI0643E   **There is no statement in the batch.**

Explanation: The batch does not have any statement.

User Response: Add a statement to the batch.

CLI0644E   **Invalid row value to the absolute() call.**

Explanation: The row value specified to absolute() is invalid.

User Response: Correct the row value.

CLI0645E   **Error registering driver "<class-name>". Message: "<message>". SQLSTATE: "<sqlstate>". SQLCODE: "<sqlcode>".**

Explanation: The DriverManager is unable to register the DB2 JDBC driver.

User Response: Correct the problem as indicated by the returned message, SQLSTATE and SQLCODE, and run your program again.

CLI0646E   **Cannot find library "<library-name>".**

Explanation: "<library-name>" cannot be found in the library path. The library path is defined by the environment variable for the following operating systems:

AIX (Java 1.1)
          LD_LIBRARY_PATH

AIX (Java 1.2 or later)
          LIBPATH

HP-UX   SHLIB_PATH

Linux   LD_LIBRARY_PATH

OS/2   LIBPATH

Silicon Graphics IRIX
          LD_LIBRARY_PATH

Solaris Operating Environment
          LD_LIBRARY_PATH

Windows 32-bit operating systems
          PATH

User Response: Ensure your application environment is configured correctly to use DB2. On UNIX platforms, ensure that the sqllib/db2profile script has been run to set your environment variables.

CLI0647E   **Error allocating DB2 environment handle. Return code = "<return-code>".**

Explanation: The DB2 CLI environment could not be established.

User Response: Ensure your application environment is configured correctly to use DB2. On UNIX platforms, ensure that the sqllib/db2profile script has been run to set your environment variables. To interpret the return code, refer to the *CLI Guide and Reference* section on SQLAllocHandle().

Chapter 5. DBA Messages

Each message has a message identifier that consists of a prefix (DBA) and the message number. Messages are listed in numeric sequence based upon the message number. These messages are generated by the Control Centre and the DBA Utility to alert you when a warning or error condition occurs.

DBA0000I   The function completed successfully.

Explanation: This message is for your information only.

User Response: No action is required.

DBA0001E   An internal error occurred when allocating memory.

Explanation: An internal error occurred when allocating memory. The application is terminated.

User Response: Try closing some applications to release memory. If the problem persists, contact IBM Service.

DBA0002E   An internal error occurred. Unexpected input was received from the request.

Explanation: An unexpected input value was received from the request. The application is terminated.

User Response: Contact IBM Service.

DBA0003E   An inconsistency in the table definition was detected when processing the alter request.

Explanation: When processing an alter table request, an inconsistency was detected between the last known table definition and the table definition fetched from the database. The table definition might have changed outside of the context of the administration tool. The table cannot be altered. The request is terminated.

User Response: Select the "Refresh" action on the "Tables" pop-up menu to get an updated list of tables from the database. Try altering the table again.

DBA0004E   An internal error occurred when validating a connection to a database.

Explanation: An invalid connection was detected. A problem can occur if the server is brought down, the currently held connections are no longer valid, and a new connection cannot be obtained. The request is terminated.

User Response: Ensure that the server is started. Select the "Connect" action in the pop-up menu of the database that you want to connect to. Try the action again.

If the action fails again, ensure that your network is operating for the target system and that the database is up and running on that system.

If the network is operational, a system internal error might have occurred. Contact IBM Service.

DBA0005E   An internal error occurred when validating an attach to an instance.

Explanation: An invalid connection was detected. The database might have stopped or the connection might no longer exist. The request is terminated.

User Response: Ensure that the server is started. Select the "Connect" action in the pop-up menu of the database that you want to connect to. Try the action again.

If the action fails again, ensure that your network is operating for the target system and that the database is up and running on that system.

If the network is operational, a system internal error might have occurred. Contact IBM Service.

DBA0006E   An internal error occurred when validating a handle for a persistent database connection or instance attach.

Explanation: An invalid connection was detected. The database might have stopped or the connection might no longer exist. The request is terminated.

User Response: Ensure that the server is started. Select the "Connect" action in the pop-up menu of the database that you want to connect to. Try the action again.

If the action fails again, ensure your network is operating for the target system and that the database is up and running on that system.

If the network is operational, a system internal error might have occurred. Contact IBM Service.

DBA0007E   An internal error occurred when setting the context type for connections.

Explanation: An error occurred when setting the context type for connections established by the application. The application is terminated.

User Response: Contact IBM Service.

DBA0008E   An internal error occurred. An unexpected list type was requested.

Explanation: The type of object to be listed was not recognized as a valid type by the application. The application is terminated.

User Response: Contact IBM Service.

DBA0009E   An internal error occurred. An unexpected request type was received.

Explanation: The type of request to be performed was not recognized as a valid type by the application. The application is terminated.

User Response: Contact IBM Service.

DBA0010E   An internal error occurred. An unexpected object type was detected.

Explanation: The type of object to be processed was not recognized as a valid type by the application. The application is terminated.

User Response: Contact IBM Service.

DBA0011E   There are too many open connections.

Explanation: The maximum number of open database connections was reached. The request is terminated.

User Response: Either:

- Disconnect from other databases and connect to the database you want. Select the "Disconnect" action in the pop-up menu of the databases from which you want to disconnect. Select the "Connect" action in the pop-up menu of the database to which you want to connect.
- Update the configuration parameter to increase the number of connections allowed.

DBA0012E   Unable to allocate a connection handle.

Explanation: An error occurred when attempting to allocate a connection handle. The application is terminated.

User Response: Contact IBM Service.

DBA0013W   The maximum number of objects that can be listed was reached.

Explanation: The maximum number of objects that can be listed by the application was reached. The maximum number is 20,000.

User Response: None

DBA0014E   An internal error occurred. An unexpected drop type was requested.

Explanation: The type of object to be dropped was not recognized as a valid type by the application. The application is terminated.

User Response: Contact IBM Service.

DBA0015E   An internal error occurred. A latch request failed.

Explanation: A latch request failed. The application is terminated.

User Response: Contact IBM Service.

DBA0016E   An internal error occurred. An unlatch request failed.

Explanation: An unlatch request failed. The application is terminated.

User Response: Contact IBM Service.

DBA0017E   No error information is available. See the administration tools log.

Explanation: No error information can be displayed.

User Response: See the administration tools log for error information.

DBA0018E   The Administration Server is not started. Start the Administration Server and try the action again.

Explanation: The Administration Server is not started.

User Response: Start the Administration Server

using the DB2ADMIN START command on the target system and try the action again.

DBA0019E   The object "<object_name>" or a related object is in use. Try the action again at a later time.

Explanation: The object on which the action was requested or a related object is already being used in another action. Modifications to the object or a related object might be in progress.

The requested action cannot be performed at the same time as the current action.

Examples:

- If a table is being altered, a request to rename the same table will not be allowed until the interaction with the Alter window is complete. However, a request to sample the contents of that table is allowed.
- A request to drop an object (such as a table) will not be allowed if any other actions are pending on related objects (such as the database, views, or triggers).

The action is not performed.

User Response: Try the action again at a later time when the object is available.

DBA0020E   An error occurred opening the administration tools trace file.

Explanation: An error occurred opening the administration tools trace file.

User Response: Contact IBM Service.

DBA0021E   An error occurred writing to the administration tools trace file.

Explanation: An error occurred writing to the administration tools trace file.

User Response: Contact IBM Service.

DBA0022W   An error occurred closing the administration tools trace file.

Explanation: An error occurred when attempting to close the administration tools trace file. Processing continues.

User Response: Ensure that the administration tools log file was specified correctly.

DBA0023W   An error occurred opening the administration tools log file.

Explanation: An error occurred when attempting to open the administration tools log file. Processing continues.

User Response: Ensure that the administration tools log file was specified correctly.

DBA0024W   An error occurred writing to the administration tools log file.

Explanation: An error occurred when attempting to write to the administration tools log file. Processing continues.

User Response: Ensure that the administration tools log file was specified correctly and can be written to.

DBA0025W   An error occurred closing the administration tools log file.

Explanation: An error occurred when attempting to close the administration tools log file. Processing continues.

User Response: Ensure that the administration tools log file was specified correctly.

DBA0026E   An internal administration tools error occurred.

Explanation: An unrecoverable error occurred.

User Response: Contact IBM Service.

DBA0027E   An internal error occurred. Lock contention in the administration tools was detected.

Explanation: Lock contention in the administration tools was detected.

User Response: Contact IBM Service.

DBA0028I   The current administration tools session will be terminated due to an unrecoverable error.

Explanation: A severe internal error occurred.

User Response: Contact IBM Service.

DBA0029   The application programming interface "<program>" did not complete successfully for object "<name>" with reason code "<name>". Try again or contact your local support.

Explanation: An application programming interface call did not complete.

User Response: Try the operation again or contact your system administrator.

DBA0030   An error occurred while attempting to connect to database "<name>".

Explanation: The requested operation could not complete because it requires a connection to database "<name>". The connection was not successful.

User Response: Make sure the database is accessible. Try explicitly connecting to the database using the connect action on the database pop-up menu. A common error on connection is an invalid userid and password. Make sure you have supplied the proper userid and password. Try the operation again or contact your system administrator.

DBA0031   **An error occurred while attempting to attach to instance "<name>".**

Explanation: The requested operation could not complete because it requires an attachment to the instance "<name>". The attachment was not successful.

User Response: Make sure the instance is accessible. Try explicitly connecting to the instance using the connect action on the instance pop-up menu. A common error on connection is an invalid userid and password. Make sure you have supplied the proper userid and password. Try the operation again or contact your system administrator.

DBA0032   **An error occurred while attempting to load DLL "<name>".**

Explanation: Either the dynamic link library "<name>" was not found or an error occurred while reading the file.

User Response: Verify that the DLL is installed and undamaged, and its location is part of the LIBPATH parameter in the CONFIG.SYS file.

DBA0033   **"<name>" cannot be dropped because it is currently in use by the administration tools. Close some windows and retry the command.**

Explanation: Either the object "<name>" you selected to drop, or an item that is owned by the object you selected to drop, is still being used by another administration tool. For example, you might have and ALTER table window open for a database that you are trying to drop. In this case, you cannot drop the database until you close its ALTER table window.

User Response: Close all the windows using the object you selected, or close all the windows using items owned by that object, and then retry the command.

DBA0034   **"<name>" cannot be removed because it is currently in use by the administration tools. Close some windows and retry the command.**

Explanation: Either the object "<name>" you selected to remove, or an item that is owned by the object you selected to remove, is still being used by another administration tool. For example, you might have and ALTER table window open for a database that you are trying to remove. In this case, you cannot remove the database until you close its ALTER table window.

User Response: Close all the windows using the object you selected, or close all the windows using items owned by that object, and then retry the command.

DBA0035   **The "<operation>" operation cannot be performed because the object "<name>" you are issuing the operation against is not in the correct state for this operation. Close some windows and retry the command.**

Explanation: This operation "<operation>" requires "<name>" to be in a "<name>" state.

User Response: Make sure all other pending operations on the selected object are complete, and then retry the command.

DBA0036   **The database configuration was successfully updated. All applications must disconnect from database "<name>" before the changes take effect. If a backup has already been taken it is recommended to take another backup of the database in order to pick up the new configuration values.**

Explanation: The database configuration was successfully updated, but the active database configuration cannot be changed until all applications are disconnected from the database. Once all applications are disconnected, the

changes will come into effect with the first connection to the database.

User Response: Ensure that all applications are disconnected from the database, and then reconnect to the database.

DBA0037 **The instance configuration was successfully updated. The instance "<name>" must be stopped before most changes take effect.**

Explanation: The instance configuration was successfully updated.

Changes to the configuration parameter "dftdbpath" take effect immediately.

For the remaining configuration parameters, the changes do not take effect until all applications have disconnected from the database, and the instance is successfully stopped and started again.

User Response: To make all changes take effect, ensure that all applications have disconnected from the database, stop the instance, and then start it again.

You can stop the instance by selecting the stop action on the instance pop-up menu in the Control Center. You can then start the instance by selecting the start action on the instance pop-up menu in the Control Center.

DBA0039 **There are currently database objects locked or database connections in use. Continue shutdown?**

Explanation: The database objects in the Control Center are locked when actions, such as Alter Table, are taken against them. Other actions will maintain connections to the database that are required to complete the task.

User Response: If you choose to continue with the shutdown, then all locks and connections are forced and the tools will shut down. It can be dangerous to do so, however, because forcing some actions (like Restore Database) halfway

through the task can leave the database in a corrupted state.

It is safest to first go back to the DB2 tools and make sure there are no database operations outstanding.

DBA0040 **Shutting down will stop the Snapshot monitor. Continue shutdown?**

Explanation: Snapshot monitoring has been started on one or more database objects and to continue the monitoring, you must have the DB2 tools running.

User Response: Choose to continue the shutdown only if you no longer require the Snapshot monitor.

DBA0041 **The requested operation could not be performed because the DB2 Administration Tools is an untrusted applet.**

Explanation: Applets loaded over the network are usually considered to be untrusted. Different Web browsers and applet viewers may impose different restrictions on untrusted applets including most local system operations (For example, read files, write files, and print files).

User Response: Consult your system administrator and see if these restrictions can be relaxed or customized.

DBA0042 **Do you want to clear the setting for the userid and password that was used to connect to this database.**

Explanation: If you choose to clear this setting, you will prevent unauthorized access to this database from this workstation. However, you will be prompted to enter the correct userid and password the next time you connect to this database.

User Response: Click on Yes to clear the userid and password setting. Click on No to save the userid and password setting until you exit the Control Center.

**DBA0100I   Control Center is updating node
             directory information for instance
             - "<instance>". Incorrect
             information is being corrected.
             The current request cannot be
             performed.**

Explanation: The Control Center detected that
the nodetype changed at the instance and is
recataloging the instance based on the new
information. Depending on the nodetype value
for the instance, actions from the Control Center
may be different.

User Response: If available, try the request
again.

**DBA0101W   Entries specified in the exception
             list will not be used. Do you want
             to continue?**

Explanation: The Nodes Contain Exceptions
check box is deselected, but exception containers
are specified in the List Exception dialog.

User Response: Click on Yes to clear the
exception containers list, or click on No or
Cancel to reselect the Nodes Contain Exceptions
check box.

**DBA0102W   Unable to detect nodetype for
             instance - "<instance>". Reason
             Code "<reason-code>".**

Explanation: Nodetype is a database manager
configuration parameter that identifies whether
the instance is a single-partition or partitioned
environment.

Discovery tries to resolve the nodetype value for
you. This distinction between instances is
required because actions in the Control Center
can be different between single-partition and
partitioned environments.

If the reason code is -1, discovery could not map
the catalogued instance to a valid DB2 instance.

All other reason codes map to a valid SQL
message. Check the help for the corresponding
SQL message.

User Response: Discovery has the following
requirements:
1. DB2 Adminstration Server must be set up
   and running at the remote instance you want
   to catalog or access.
2. Ensure the instance is listed in the registry.
   Issue db2set -l from the host you are
   cataloging.
3. The following global DB2 Registry values
   must be set:
   • DB2SYSTEM
   • DB2ADMINSERVER
4. The following instance DB2 Registry values
   must be set:
   • DB2COMM
5. The following administration server
   configuration parameters must be set:
   • DISCOVER = KNOWN and
     DISCOVER_COMM = null

   or
   • DISCOVER = SEARCH and
     DISCOVER_COMM = protocol (for
     example, TCPIP)

Verify the setting of these registry values by
entering db2set -all.

**DBA0103W   Changes made to the
             configuration parameter values
             will not be used. Do you want to
             continue?**

Explanation: Another database partition was
selected, but the changes to the configuration
parameters apply to the previously selected
database partition.

User Response: Click on Yes to obtain the
configuration parameter values for the next
database partition and discard the changes that
were specified for the previously selected
database partition.

DBA0113E **Exception containers are specified, but not all nodes in the nodegroup are included. No containers are specified for the following nodes: ″node-list″.**

Explanation: The specified exception containers have no common container. Because no common container is specified, the exception container must be defined at every node in the nodegroup.

User Response: Click on OK to add containers to the specified nodes.

DBA0114W **Control Centre detected incorrect node directory information for instance - ″<instance>″. Incorrect information is being corrected. Please exit and restart the Control Center. The current request cannot be performed.**

Explanation: The Control Center detected that the nodetype changed at the instance.

User Response: Exit the Control Center and restart it.

DBA0115I **Node directory information has been corrected for this instance. Instance ″<instance>″ should be refreshed.**

Explanation: Because the cataloged information for the instance is updated, the displayed objects and actions may not be correct.

User Response: Select the ″Refresh″ action from the instance pop-up menu to update the Control Center, then try the request again.

DBA0116I **The operation cannot be performed by the JDBC server at this time. Retry this operation later.**

Explanation: The JDBC server is currently busy with an existing operation and cannot perform the user operation.

User Response: Wait until the JDBC server

completes the existing operation and retry the operation.

DBA1005W **This action will force both Local Databases and Gateway applications. Do you want to continue?**

Explanation: You requested to force all applications on the instance.

User Response: Click Yes to process the request or No to cancel it.

DBA1006E **An invalid plugin extension has been detected by the Control Center.**

Explanation: The file ″db2plug.zip″ has been corrupted or not properly setup.

User Response: If the Control Center is running as an application, check to see if ″db2plug.zip″ is included in the ″CLASSPATH″ environment variable. If the Control Center is running as an applet, check to see if ″db2plug.zip″ is included in the ″archive″ tag of the db2cc.htm HTML file. If the problem persists, contact you DB2 system administrator.

DBA1007W **An invalid object name or parameter was entered. The Control Center will start with the Systems folder as the root of the navigator tree.**

Explanation: An invalid object name means that the system, instance, subsystem, or database name entered cannot be found, either because it doesn't exist or because the combination of names entered is invalid. For example, the database name entered may exist but not within the specified system name. An invalid parameter means that something other than -h, -i, -sub, or -d was entered.

User Response: Ensure that you are using valid object names and parameters, and try again.

DBA1100   **Less than "<number>." MB of memory is dedicated to your server. No recommendation has been made. The current values on the Results Page match the suggested values.**

Explanation: Because the amount of memory dedicated to the server is so small, the Performance Configuration wizard cannot make a recommendation.

The suggested values in the "Results Page" are the same as the current values.

User Response: If you can dedicate more memory to the server, turn to the "Server Page", increase the amount of memory, and try again. Otherwise, click on Cancel to close the Performance Configuration wizard.

DBA1102   **An error occurred when the Performance Configuration wizard tried to save the suggested values in a system file.**

Explanation: Either the Performance Configuration wizard could not create a CFG subdirectory under your instance directory or it could not save a system file containing recommendations into the CFG subdirectory of your instance directory.

User Response: Make sure the disk containing the instance directory is not full and you have write access to this disk. Afterwards, click on Done to try again.

DBA1104   **The instance and database configuration parameters were successfully updated. The instance "<name>" must be stopped before most changes come into effect. You may want to rebind your packages after the new configuration parameters take effect so that the new values will be used during the bind.**

Explanation: The Performance Configuration wizard has updated the database manager

configuration parameters, database configuration parameters, and buffer pool sizes in the SYSBUFFERPOOLS catalog.

The changes will not take effect until the instance is stopped on the server.

Packages were bound with the old configuration parameters. They need to be rebound, after the new parameters take effect, to exploit these new parameters.

User Response: When you are ready to use the new configuration parameters, stop the instance, and then start the instance.

Rebind your packages if necessary.

DBA1107   **An error occurred when the Performance Configuration wizard tried to get system information from your server.**

Explanation: An unexpected error occurred. The Performance Configuration wizard cannot continue.

User Response: Contact your system administrator.

DBA1108   **The Performance Configuration wizard was unable to increase the sizes of the buffer pools due to other memory requirements determined from your responses. The buffer pool sizes are left unchanged. The use of the suggested set of configuration values may cause paging on the server.**

Explanation: This is a warning that there may not be enough memory dedicated to your server to run the workload that you specified.

User Response: Review your selections on previous pages of the Performance Configuration wizard to check that the workload description is appropriate or add more memory to your server.

DBA1109   **The transactions rate you entered is more than ten times the average number of connected applications. If you are using a transaction manager, ignore this message. If not, consider changing the rate.**

Explanation: The Performance Configuration wizard verifies that the transactions rate is reasonable. The transaction rate may be too high if you are not using a transaction manager.

User Response: If you are using a transaction manager, ignore this message. Otherwise, use a lower number of transactions per minute, or increase the average number of connected applications.

DBA1110   **The system database directory has no entries.**

Explanation: There are currently no entries found in this database directory.

User Response: No action is required.

DBA1111   **The database alias "<name>" already exists for another database.**

Explanation: You requested that a backup be recovered into a new database, but the database name you specified is already used as an alias for an existing database.

When a database is created, the database is cataloged in the system database directory using the database name as the alias, and this alias must be unique.

User Response: Specify a database name that is not being used as an alias, or request that the backup be recovered into the existing database.

DBA1112   **The database alias "<name>" was not found in the system database directory.**

Explanation: You requested that a backup be recovered into an existing database, but a database no longer exists with this alias.

User Response: Select an existing database, or request that the backup be recovered into a new database.

DBA1113   **Restart failed because indoubt transactions exist against the database and the connection to the database was dropped.**

Explanation: The restart operation encountered indoubt transactions. This left the database in an inconsistent state. The DBA Utility dropped the connection to the database.

User Response: Resolve the indoubt transactions. If they are not resolved, applications must restart the database whenever it is required.

If you are in an XA/DTP environment, and the transaction manager that was using the database is available, instruct it to resolve the indoubt transactions.

Otherwise, use the Command Line Processor to manually complete each indoubt transaction.

DBA1114   **Database "<name>" is now in backup pending state.**

Explanation: This state will prevent the database from being updated. The database must be backed up before any updates can happen.

User Response: Back up the database.

DBA1115   **Enter a value for "<name>".**

Explanation: A value is required.

User Response: Provide the value and retry the request.

DBA1116   **The value for "<parameter>" must be between "<minimum>" and "<maximum>".**

Explanation: The value must be within the specified range.

User Response: Enter a value in the specified range and retry the request.

DBA1117   **The value for "<name>" is not valid.**

Explanation: The value entered is not valid.

User Response: Correct the value and retry the request.

DBA1118   **The value for "<name>" must not exceed "<maximum>".**

Explanation: The value entered is not valid.

User Response: Correct the value and retry the request.

DBA1119   **The value for "<name>" must not be smaller than "<minimum>".**

Explanation: The value entered is not valid.

User Response: Correct the value and retry the request.

DBA1121   **A job was created for the request "<description>" on system "<system>". Its job number is "<number>". To view the status and output of the job, use the Jobs page on the Journal.**

Explanation: The job was successfully started.

User Response: To view the status and output of the job, use the Jobs page on the Journal.

DBA1122   **The job has completed for the request "<description>" on system "<system>". For the status and output of the job, view job "<number>" in the Jobs page on the Journal.**

Explanation: The job has completed.

User Response: To view the status and output of the job, use the Jobs page on the Journal.

DBA1123   **The job "<description>" has been canceled.**

Explanation: The job was canceled in response to a user request.

User Response: No action is required.

DBA1126   **The database has no table spaces.**

Explanation: The database has no table spaces.

User Response: No action is required.

DBA1127   **The table space has no containers.**

Explanation: The table space has no containers.

User Response: No action is required.

DBA1128   **No containers have been specified. Select ″Add″ in order to create containers.**

Explanation: The current list does not contain any new containers.

User Response: Select ″Add″ and fill in the necessary fields to add a container to the list.

DBA1129   **Enter a value for "<name>".**

Explanation: The operation you requested can be performed only if you enter a value for "<name>".

User Response: Enter a value, and then click on OK.

DBA1130   **The value for "<name>" must not exceed "<maximum>" characters.**

Explanation: You entered a value that exceeded the maximum number of characters.

User Response: Enter a valid value, and then click on OK.

DBA1131   **"<device>" is not a valid tape device.**

Explanation: The operating system did not accept the specified tape device. Local tape devices are of the form "\\.\TAPEn", where n represents the drive number (0 is the first).

User Response: Enter a valid name for the tape device, and then click on OK.

DBA1132   **Tape device "<device>" does not support a tape mark blocksize of "<blocksize>".**

Explanation: The Control center uses a tape mark blocksize that is not supported by the specified tape device.

User Response: Use the Command Line Processor to submit the request. Specify a supported blocksize in the DB2 INITIALIZE TAPE command.

DBA1133   **An error occurred operating tape device "<device>".**

Explanation: An unexpected error occurred while operating the specified tape device.

User Response: Resubmit the request. If the problem persists, contact your system administrator.

DBA1134   **A job was created for the request "<description>". However, no job-related entries can be created in the Journal because the database administrative server (DAS) instance could not be accessed.**

Explanation: The job started successfully, but the status and output of the job will not be logged in the Journal. This can happen if the DAS instance is not started.

User Response: To have the status and output of the job logged in the Journal, start the DAS instance first before starting a backup operation.

DBA1135   **The job has completed for the request "<description>".**

Explanation: The job has completed.

User Response: No action is required.

DBA1136   **A backup at the table space level cannot be performed because the database "<db>" is not enabled for forward recovery.**

Explanation: You can only back up a database at the table space level if you have first enabled that database for forward recovery.

User Response: To enable the database for forward recovery, set the database configuration parameters LOGRETAIN or USEREXIT to ON, disconnect all existing applications from the database, and perform an offline backup of the database.

DBA1137   **The value for "<name>" must not be smaller than "<minimum>" "<units>".**

Explanation: The value entered is smaller than the minimum "<minimum>" "<units>".

User Response: Enter a valid value and retry the request.

DBA1138   **The value for "<name>" must not exceed "<maximum>" "<units>".**

Explanation: The value entered exceeded the maximum of "<maximum>" of "<units>".

User Response: Enter a valid value and retry the request.

DBA1139   **You must allocate at least "<pages>" for the system catalog.**

Explanation: There cannot be more than "<pages>" in each table space container. Each page of data requires 4 KB. So 1 MB of storage is equal to 256 of these 4 KB pages.

User Response: Enter a valid value and retry the request.

DBA1140   **You cannot allocate more than "<pages>" pages in a single container. There cannot be more than "<pages>" in a table space.**

Explanation: Each page of data requires 4 KB. So 1 MB of storage is equal to 256 of these 4 KB pages.

User Response: Enter a valid value and retry the request.

DBA1141   **You must allocate a least "<pages>" pages in each container.**

Explanation: The minimum number of pages in a table space container is related to the extent size of the table space. It is 5 times the extent size plus one page. So for a table space with an extent size of 32 pages (the default value), the minimum size of a single container is 161 pages.

User Response: Enter a valid value and retry the request.

DBA1142   **The LOGARCHIVE database configuration parameter is currently set to ON for database "<name>". As soon as all applications have disconnected from the database, the database will be in backup pending state. This state prevents the database from being updated. The database must be backed up before any additional updates can occur.**

Explanation: Before the database manager can start logging each transaction in your database, it must have a full offline database backup to use as a starting point.

User Response: Make a full offline database backup as soon as possible. If this is not possible, set the LOGARCHIVE parameter to OFF.

DBA1143   **You cannot perform an offline backup right now because at least one application is still connected to the database. You can either try again later, or disconnect all applications connected to the database immediately by selecting force from the instance object's pop-up menu.**

Explanation: An offline backup cannot be performed until all applications connected to the selected database have stopped. You can either wait for the applications to disconnect themselves, or you can force the connected applications right now.

User Response: Either try the action later, or, to force all applications connected to the selected database immediately, select "Force" from the instance object's pop-up menu.

DBA1144   **The container you specified already exists on system you are working with.**

Explanation: Each table space container must be unique.

User Response: Specify a file name or directory that does not currently exists on the system.

DBA1145   **You have specified a container more than once.**

Explanation: Each table space container must be unique.

User Response: Specify a file name or directory that is not currently in your list of new containers.

DBA1146   **You have specified the same container in both the user and temporary table spaces.**

Explanation: Each table space container must be unique.

User Response: Change the file name or directory of the container in either the user or temporary tablespace.

DBA1147   **You have specified the same container in both the catalog and temporary table spaces.**

Explanation: Each table space container must be unique.

User Response: Change the file name or directory of the container in either the catalog or temporary tablespace.

DBA1148   **You have specified the same container in both the user and catalog table spaces.**

Explanation: Each table space container must be unique.

User Response: Change the file name or directory of the container in either the user or catalog tablespace.

DBA1149   **There is not enough free space for the containers you specified.**

Explanation: When a DMS container is created it consumes the full amount of space you allocated to it.

User Response: Change the location of the container to an area that has more storage, or increase the available storage in the current location of the container.

DBA1150E   **A column with the same name already exists.**

Explanation: The column was not added because a column with the same name is already specified or exists in the table being created or altered.

User Response: Specify a different column name.

DBA1151E   **The column participates in a primary key or foreign key.**

Explanation: The column was not removed because it participates in a primary key or foreign key.

User Response: Ensure that the specified column is the correct column to remove. To remove the specified column in a table, modify the primary key or foreign key definitions so that the specified column is no longer referenced.

DBA1152E   **A constraint with the same name already exists.**

Explanation: The constraint was not added because a constraint with the same name is already specified or exists in the table being created or altered.

User Response: Specify a different constraint name.

DBA1153E   **The object is already in the list.**

Explanation: The specified object already exists in the list. The action is not performed.

User Response: Specify another object or close the window.

DBA1154E   **The specified system, instance, and database do not identify a recognized database.**

Explanation: The system, instance, and database specifications do not identify a database that is known to the application. The action is not performed.

User Response: Either ensure that the system, instance, and database names are correct; or add the system, instance, and database that you want to access to the application.

DBA1155E   **The object "<object_name>" no longer exists in the database. The request cannot be performed.**

Explanation: The specified object no longer exists in the database and cannot be operated on. The request is terminated.

User Response: Select the "Refresh" action in the pop-up menu of the object folder to get an updated list of objects.

DBA1156W   The request completed with warnings. See the administration tools log for details.

Explanation: The requested action completed, but one or more warning messages were issued.

User Response: See the administration tools log for more information.

DBA1157I   No authorities or privileges were granted or revoked on "<object_name>" for "<user_name>". See the administration log for details.

Explanation: The requested action completed. No action was taken against the authorities or privileges on the specified object for the specified user or group.

User Response: None

DBA1158I   Number of records read during the load = "<count>". Number of records skipped before the load begins = "<count>". Number of rows loaded into the target table = "<count>". Number of records that could not be loaded = "<count>". Number of duplicate rows deleted = "<count>". Number of records loaded successfully and committed to the database = "<count>".

Explanation: The action completed with the specified results.

User Response: None

DBA1159I   Export completed. "<item_description>" = "<count>"

Explanation: The export action completed successfully with the specified results.

User Response: None

DBA1160I   Import completed. Number of records read during the import = "<count>". Number of records skipped before the import begins = "<count>". Number of rows imported into the target table = "<count>". Number of records that could not be imported = "<count>". Number of duplicate rows deleted = "<count>". Number of records imported successfully and committed to the database = "<count>".

Explanation: The import action completed successfully with the specified results.

User Response: None

DBA1161I   "<item_description>" = "<count>"

Explanation: The import or export completed with the specified results.

User Response: None

DBA1162I   Load completed. Number of records read during the load = "<count>". Number of records skipped before the load begins = "<count>". Number of rows loaded into the target table = "<count>". Number of records that could not be loaded = "<count>". Number of duplicate rows deleted = "<count>". Number of records loaded successfully and committed to the database = "<count>".

Explanation: The load action completed successfully with the specified results.

User Response: None

DBA1163E   The table was not copied. See the administration tools log for details.

Explanation: One or more warnings or errors occurred when copying the table. The table was not copied.

User Response: See the administration tools log for more information.

DBA1164E   The specified target table already exists. The source table was not copied.

Explanation: The copy table action failed because the target table exists.

User Response: Either specify a new target table or delete the existing target table and try the action again.

DBA1165E   No privileges were granted or revoked for "<user_name>". See the administration tools log for details.

Explanation: Privileges were not granted or revoked for the specified user or group.

User Response: See the administration tools log for more information.

DBA1166E   The identifier "<identifier_name>" contains unbalanced quotes. Correct the identifier and try the action again.

Explanation: The specified identifier contains unbalanced single or double quotes. The naming rules require balanced quotes. The action is not performed.

User Response: Correct the identifier and try the action again.

DBA1167E   The identifier "<identifier_name>" contains embedded blanks. Correct the identifier and try the action again.

Explanation: The specified identifier contains blank characters, which violates the naming rules for ordinary identifiers. The action is not performed.

User Response: Remove the blanks or delimit the identifier with double quotes and try the action again.

DBA1168E   The first character in the identifier "<identifier_name>" is invalid. Correct the identifier and try the action again.

Explanation: The first character of the specified identifier is invalid. It must follow the naming rules for ordinary identifiers. The action is not performed.

User Response: Replace the first character with a valid one or delimit the identifier with double quotes then try the action again.

DBA1169   The command script that can update the instance and database configuration parameters was created successfully. Use the Script Center to run or schedule the script.

Explanation: A new script was saved successfully in the Script Center. You may open the Script Center to view, run or schedule the new command script.

After the script is run, the changes will not take effect until the instance is stopped on the server.

Packages were bound with the old configuration parameters. They need to be rebound, after the new parameters take effect, to exploit these new parameters.

User Response: To view, run or schedule the newly saved script, open the Script Center by selecting the Script Center icon from the icon bar.

After you have run the script and when you are

ready to use the new configuration parameters, stop the instance, and then start the instance.

Rebind your packages if necessary.

DBA1170   The page size of the table space and the page size of the buffer pool must be equal.

Explanation: You must choose an existing buffer pool whose page size matches that of the table space you wish to create. The default buffer pool has the default page size of 4K. If any other page size is desired for the table space, a buffer pool with a matching page size must exist.

User Response: From the Advanced Table Space window, change the page size of the table space to match that of the buffer pool or change the buffer pool to one whose page size matches that of the table space. If there are no buffer pools of the desired page size, you can create one from the Create Buffer Pool window.

DBA1350I   The Index wizard was not able to recommend any indexes. Set a longer time limit on the Calculate page and try calculating recommended indexes again.

Explanation: The Index wizard was not able to recommend any indexes because the maximum search time was too short.

User Response:
1. On the Calculate page in the Index wizard, set a longer time limit or no limit at all.
2. Try running the Index wizard again.

DBA1351I   The Index wizard was not able to recommend any indexes. Set a larger size limit on the Limits page and try calculating recommended indexes again.

Explanation: The Index wizard was not able to recommend any indexes because the maximum logical size of all indexes was too small.

User Response:

1. On the Limits page in the Index wizard, set a larger maximum logical size or no maximum at all.
2. Try running the Index wizard again.

DBA1352I   The Index wizard was not able to recommend any indexes that will improve the performance of your workload.

DBA1353W   You specified only one SQL statement in your workload. Your database might have additional activity. Do not drop any indexes unless you are sure they are not needed for other reasons.

Explanation: Since you only specified one SQL statement in your workload, it is unlikely that it represents all of the activity against your database.

The Drop page of the Index wizard lists all existing indexes that were not recommended for this one SQL statement.

User Response: Do not drop any indexes unless you are sure they are not needed for other reasons.

DBA1500   The local system object is not allowed to be removed.

Explanation: The local system object appears in the tree if this is a server installation, and does not appear if this is a client installation. You have no direct control over the removal of this object because it has special properties that are required by the server installation type.

User Response: No action is required.

DBA1501   The local system object is not allowed to be changed.

Explanation: The local system object appears in the tree if this is a server installation, and does not appear if this is a client installation. You have no direct control over the changing of this object because it has special properties that are required

by the server installation type.

User Response: No action is required.

DBA1502   The unknown system object is not allowed to be removed.

Explanation: The unknown system object appears in the tree only if orphaned instances that are not recognized as belonging to any existing system are found. You have no direct control over the removal of this object because it is shown automatically only when needed.

User Response: No action is required. However, if you want to remove the need to show this object in the tree, then do the following steps:

- Expand the unknown system object to show all orphaned instances.
- If necessary, add new system objects to the control center to contain the orphaned instances.
- If necessary, use the change action to alter the system name on any remaining orphaned instances.
- If the unknown instance object also appears, then you also have orphaned databases that are not recognized as belonging to any existing instance Remove the need to show these objects by doing steps similar to these, adding instances or altering databases until no orphans are left to be shown.

DBA1503   The unknown system object is not allowed to be changed.

Explanation: The unknown system object appears in the tree only if orphaned instances that are not recognized as belonging to any existing system are found. You have no direct control over the changing of this object because it is shown automatically only when needed and has only special properties that cannot be changed.

User Response: No action is required.

DBA1510   Specify a system name.

Explanation: You must specify a system name before you can add this new system object.

User Response: Specify a system name in the appropriate entry field, and then try the action again.

DBA1511   The specified system name is already in use.

Explanation: You specified a system name that matches the name used for another system object in the tree. System names must be unique within the control center, and are case-sensitive. You cannot use the names 'Local' or 'Unknown' because these are system names reserved for use by the local and unknown system objects. To avoid confusion, you should also try not to use the names of existing instances or databases as system names, although the tool does not prevent you from doing this.

User Response: Specify a unique system name, and then try the action again.

DBA1520   The operating system type for this system object has been detected to be "<newos>", but the local information shows it to be "<oldos>". Do you want to update the local information now to reflect the correct operating system type?

Explanation: When you add a new system object, you specify an operating system type, which is stored locally for that remote system. Later, when actual connections are made to the remote system, the true operating system type is reported back. It is possible for the original operating system type information to have been set incorrectly so that it does not match the true settings on the remote system. In this case, it is best to update the local information to match what settings truly exist on the remote system.

User Response: Select Yes to update the local information now, or select No to leave the local information as it is.

DBA1521 **The server version type for this system object has been detected to be "<newtyp>", but the local information shows it to be "<oldtyp>". Do you want to update the local information now to reflect the correct server version type?**

Explanation: When you add a new system object, the server version type is automatically set to be either DB2 V5 or DRDA, depending on the operating system type you choose. Later, when actual connections are made to the remote system, the true server version type, which may be a previous release such as DB2 V2, is reported back. In this case, it is best to update the local information to match what settings truly exist on the remote system.

User Response: Select Yes to update the local information now, or select No to leave the local information as it is.

DBA1522 **The operating system type and server version type for this system object have been detected to be "<newos>" and "<newtyp>" respectively, but the local information shows these to be "<oldos>" and "<oldtyp>" respectively. Do you want to update the local information now to reflect the correct settings for these values?**

Explanation: When you add a new system object, you specify an operating system type, which is stored locally for that remote system. Also, the server version type is automatically set to be either DB2 V5 or DRDA, depending on the operating system type you choose. Later, when actual connections are made to the remote system, the true operating system type and server version type are reported back. The original settings for this information may have been incorrect so that they do not match the true settings on the remote system. In this case, it is best to update the local information to match what settings truly exist on the remote system.

User Response: Select Yes to update the local information now, or select No to leave the local information as it is.

DBA1533E **Unable to export the server profile.**

Explanation: The target file system might not have enough disk space to complete the export operation.

User Response: Free some disk space on the target file system and retry the operation. If the problem persists, contact your DB2 system administrator.

DBA1540 **The active local instance object is not allowed to be removed.**

Explanation: The active local instance object appears in the tree always as the first instance under the local system object. This is a special instance object used to represent the current DB2INSTANCE environment variable setting. You have no direct control over the removal of this object because it has special properties that are required by the local system.

User Response: No action is required.

DBA1541 **The active local instance object is not allowed to be changed.**

Explanation: The active local instance object appears in the tree always as the first instance under the local system object. This is a special instance object used to represent the current DB2INSTANCE environment variable setting. You have no direct control over the changing of this object because it has special properties that are required by the local system.

User Response: No action is required.

DBA1550 **Specify an instance name.**

Explanation: You must specify an instance name before you can add this new instance object.

User Response: Specify an instance name in the

appropriate entry field, and then try the action again.

DBA1551   The specified instance name is already in use.

Explanation: You specified an instance name that either matches the name used for another instance object in the tree, or is being used by a system object in the tree. Instance names must be unique within the control center, and are always capitalized. System objects also use an automatically generated instance name to store their own protocol information, with the instance name usually being a short form of the chosen system name. You cannot use the name 'LOCAL' or the current DB2INSTANCE environment variable setting for the instance name.

User Response: Specify a different instance name, and then try the action again.

DBA1552   Specify a remote instance.

Explanation: You must specify a remote instance before you can add this new instance object.

User Response: Specify a remote instance in the appropriate entry field, and then try the action again.

DBA1560   Specify a destination name.

Explanation: You must specify a destination name for the selected protocol before you can correctly add this new object.

User Response: Specify a destination name in the appropriate entry field, and then try the action again.

DBA1561   Specify a file server.

Explanation: You must specify a file server for the selected protocol before you can correctly add this new object.

User Response: Specify a file server in the appropriate entry field, and then try the action again.

DBA1562   Specify a workstation name.

Explanation: You must specify a workstation name for the selected protocol before you can correctly add this new object.

User Response: Specify a workstation name in the appropriate entry field, and then try the action again.

DBA1563   Specify a host name.

Explanation: You must specify a host name for the selected protocol before you can correctly add this new object.

User Response: Specify a host name in the appropriate entry field, and then try the action again.

DBA1564   Specify a service name.

Explanation: You must specify a service name for the selected protocol before you can correctly add this new object.

User Response: Specify a service name in the appropriate entry field, and then try the action again.

DBA1565   Specify a computer name.

Explanation: You must specify a computer name for the selected protocol before you can correctly add this new object.

User Response: Specify a computer name in the appropriate entry field, and then try the action again.

DBA1566   Specify an instance name.

Explanation: You must specify an instance name for the selected protocol before you can correctly add this new object.

User Response: Specify an instance name in the appropriate entry field, and then try the action again.

DBA1567 **This action or function is not available for this instance type or the associated system.**

Explanation: The selected action, or associated function, is currently not supported for the type of instance against which the action or function was initiated. Some instance types, for example Satellite Edition, necessarily do not support full functionality.

User Response: Please refer to the documentation describing available function for this instance type.

DBA1568W **Database connection was established but did not establish a syncpoint two-phase connection.**

Explanation: An attempt was made to connect to a database using syncpoint two-phase connection type. A connection was established but failed to make a syncpoint two-phase connection. Multisite updates involving this database connection will not be successful.

User Response: Check that the multisite update scenario has been configured properly for your environment, ensuring that the coordinating instance is restarted after configuration is complete. If DB2's Syncpoint Manager is being used, check in the db2diag.log to see if it was started successfully.

DBA1569E **The action cannot be completed on this instance because its remote instance name is not known.**

Explanation: The remote instance name field is an optional parameter and was not specified. To perform this action on a remote instance, the remote instance name must be known.

User Response: Invoke the Change Instance window and specify the name of the remote instance.

DBA1570E **The DB2 Administration Server for this system has not been defined.**

Explanation: The current operation requires an attachment to the system's administration server but its instance name has not been specified.

User Response: Invoke the change action on the target system and specify its instance name, operating system and any other protocol parameters.

DBA1571W **The name of the local system does not match the DB2SYSTEM environment variable.**

Explanation: The system name of the local admin node is different from the value of the DB2SYSTEM environment variable.

User Response: There are three options:
- Change the value of the DB2SYSTEM environment variable to match the system name of the local admin node.
- Uncatalog the local admin node and invoke the Control Center, which will automatically recatalog it.
- Uncatalog the local admin node and recatalog it with a system name that matches the value of the DB2SYSTEM environment variable.

DBA1572E **The instance name specified is not valid.**

Explanation: The instance name specified is not valid. The instance name may be 1 to 8 characters and all of the characters must be from the database manager base character set. Also, the instance name must not match that of any other catalogued instance.

User Response: Specify a different value for the instance name.

DBA1573E **This action is not available for the selected system.**

Explanation: Some Control Center actions require that an Administration Server be

available on the target system. The system that you selected does not have an Administration Server. The requested action is not available for this system.

User Response: No action is required.

DBA1580   **New database objects are not allowed to be added to the unknown instance.**

Explanation: The unknown instance object appears in the tree only if orphaned databases that are not recognized as belonging to any existing instance are found. The tool tries to prevent you from creating new orphans whenever possible, so you are not allowed to add new ones to the unknown instance.

User Response: No action is required.

DBA1581   **Specify a database name.**

Explanation: You must specify a database name before you can add this new database object.

User Response: Specify a database name in the appropriate entry field, and then try the action again.

DBA1582   **Specify an alias.**

Explanation: You must specify an alias before you can add this new database object.

User Response: Specify an alias in the appropriate entry field, and then try the action again.

DBA1583   **The specified alias is already in use.**

Explanation: You specified an alias that matches the alias used for another database object in the tree. Database aliases must be unique within the control center, and are always capitalized.

User Response: Specify a unique alias, and then try the action again.

DBA1590   **The "<dbase>" database was created using an earlier version of DB2 than DB2 V5. Only limited function will be allowed for this database until it is migrated.**

Explanation: All databases that are found under DB2 V5 type system ojects are first assumed to be DB2 V5 databases. This database has now been detected to actually be a back-level database that has not yet been migrated to the DB2 V5 level. You can still access this database, but only limited function is available for back-level databases until you actually migrate them.

User Response: No action is required.

DBA2000E   **You have not specified a job description.**

Explanation: A description for the job is required information.

User Response: Enter a job description in the entry field, and then click on OK.

DBA2001E   **You have not specified the number of hours for your selection.**

Explanation: The number of hours for your selection is required information.

User Response: Enter a number in the hours entry field.

DBA2002E   **You must select at least 1 day of the week for your selection.**

Explanation: To schedule a recurring job, you must specify at least one day of the week for the job.

User Response: Select at least one day of the week when scheduling a recurring job.

DBA2003E   You specified a date that is not valid.

Explanation: The date you specified is not valid. Perhaps the date you have specified is in the past.

User Response: Enter a valid date.

DBA2004E   You specified a date or time or combination of date and time that is not valid.

Explanation: The next execution date and time cannot be calculated, so no jobs can be scheduled. One possible error is when the time specified for a job to be run once is in the past. Remember that the date and time combination must be valid on the managed host where the schedule job is to be run.

User Response: Enter a valid date and time combination.

DBA2005E   You have not specified a script name.

Explanation: A name for the script is required information.

User Response: Enter a name for the script file, and then click on OK.

DBA2006E   You have not specified a comment.

Explanation: You indicated that you want to record a comment when the job is completed, but the comment entry field is empty.

User Response: Enter a comment, or clear the 'Record a comment' check box.

DBA2007E   You specified a script name that is not valid.

Explanation: The command script is saved as a file in the file system. The script path is at most 255 bytes long. The file name part of the script name can be at most 8 bytes long. If an extension is specified, it cannot be longer than 3 bytes. The script name must not contain any blanks. For

example, valid script names can be:
j:\script\new.cmd c:\data\test\crtdb.bat

User Response: Enter a valid script name, and then click on OK.

DBA2008I   Job "<job id>" was created successfully.

Explanation: A new job was scheduled successfully. You may turn to the journal job summary to view the newly created job.

User Response: To view the newly created job, turn to the journal job summary by selecting the Journal icon from the icon bar.

DBA2009E   A system error occurred. A Scheduler InfoBase call was unsuccessful. RC = "<return code>". Restart the Admin. Server, and then retry the command.

Explanation: An internal error occurred.

User Response: Restart the Admin. Server, and then retry the command. If the problem persists, contact your system administrator.

DBA2010E   The Scheduler service is not up and running. Restart the Admin. Server, and then retry the command.

Explanation: To perform any action involving the Job Scheduler or the Script Center, the Scheduler service must be up and running.

User Response: Restart the Admin. Server, and then retry the command.

DBA2011E   A system error occurred. Scheduling type (DBA or PGM) is not valid. Restart the Admin. Server, and then retry the command.

Explanation: An internal error occurred.

User Response: Restart the Admin. Server, and then retry the command. If the problem persists, contact your system administrator.

DBA2012E   A system error occurred. OS error was detected. RC = "<return code>". Restart the Admin. Server, and then retry the command.

Explanation: An internal error occurred.

User Response: Restart the Admin. Server, and then retry the command. If the problem persists, contact your system administrator.

DBA2013E   The job id key was not found. Restart the Admin. Server, and then retry the command.

Explanation: An internal error occurred.

User Response: Restart the Admin. Server, and then retry the command. If the problem persists, contact your system administrator.

DBA2014E   A system error occurred. Unable to change the status of the job. Restart the Admin. Server, and then retry the command.

Explanation: An internal error occurred.

User Response: Restart the Admin. Server, and then retry the command. If the problem persists, contact your system administrator.

DBA2015E   A system error occurred. Memory allocation was unsuccessful in client. Restart the Admin. Server, and then retry the command.

Explanation: An internal error occurred.

User Response: Restart the Admin. Server, and then retry the command. If the problem persists, contact your system administrator.

DBA2016E   A system error occurred. Scan handle is not valid. Restart the Admin. Server, and then retry the command.

Explanation: An internal error occurred.

User Response: Restart the Admin. Server, and then retry the command. If the problem persists,

contact your system administrator.

DBA2017I   Are you sure you want to remove the selected jobs?

Explanation: You specified to remove the selected jobs. You have the chance now to double-check the jobs that you selected to remove, and either to continue or to cancel the request.

User Response: Select YES to remove the selected jobs. Select NO to cancel the remove request.

DBA2018I   Are you sure you want to remove the selected saved scripts?

Explanation: You specified to remove the selected scripts that are currently saved. You have the chance now to double-check the scripts that you selected to remove, and either to continue or to cancel the request.

User Response: Select YES to remove the selected scripts. Select NO to cancel the remove request.

DBA2019E   You have not specified the number of days for your selection.

Explanation: The number of days for your selection is required information.

User Response: Enter a number in the days entry field.

DBA2020E   A system error occurred. Unable to determine script type. Command script was not executed.

Explanation:

User Response:

DBA2021I   Are you sure you want to discard your changes?

Explanation: You specified to have your changes not saved in the Script Center. You have the chance now either to continue discarding

your changes, or to cancel the request and
resume editing.

User Response: Select YES to discard the
changes. Select NO to resume editing the
command script.

DBA2022I **Command script "<script id>"
was created successfully.**

Explanation: A new script was saved
successfully in the Script Center. You may turn to
the Script Center to view the new command
script.

User Response: To view the newly saved script,
turn to the Script Center by selecting the Script
Center icon from the icon bar.

DBA2023E **Instance "<instance name>" does
not exist. Command script was
not executed.**

Explanation: The instance name associated with
the script file does not exist.

User Response: You may select "Edit" from the
Script Center to update the instance name to an
existing instance.

DBA2024E **Command script "<script id>"
does not exist.**

Explanation: The scheduled job cannot be
executed because the script file associated with
the job does not exist.

User Response:

DBA2025E **A system error occurred. This
problem may also be related to
memory allocation on the client.
Restart the Admin. Server, and
then retry the command.**

Explanation: An internal error occurred.

User Response: Restart the Admin. Server, and
then retry the command. If the problem persists,
contact your system administrator.

DBA2026I **Are you sure you want to remove
the selected job?**

Explanation: You specified to remove the
selected job. You have the chance now to
double-check the job that you selected to remove,
and either to continue or to cancel the request.

User Response: Select YES to remove the
selected job. Select NO to cancel the remove
request.

DBA2027I **Are you sure you want to remove
the selected saved script?**

Explanation: You specified to remove the
selected script that is currently saved. You have
the chance now to double-check the script that
you selected to remove, and either to continue or
to cancel the request.

User Response: Select YES to remove the
selected script. Select NO to cancel the remove
request.

DBA2028E **You have not specified the
number of weeks for your
selection.**

Explanation: The number of weeks for your
selection is required information.

User Response: Enter a number in the weeks
entry field.

DBA2029E **A system error occurred.
Scheduler key was not found.
Restart the Admin. Server, and
then retry the command.**

Explanation: An internal error occurred.

User Response: Restart the Admin. Server, and
then retry the command. If the problem persists,
contact your system administrator.

DBA2030E **You did not specify a system
name. Select one from the list.**

Explanation: The system name is required
information to process the action.

User Response: Select a system name from the drop-down list.

DBA2031I **Job "<job id>" was rescheduled successfully.**

Explanation: A job that you requested to be rescheduled was rescheduled successfully.

User Response:

DBA2032E **You have not specified a script name.**

Explanation: A name for the script is required information.

User Response: Enter the script name in the entry field, and then click on OK.

DBA2033E **You have not entered the command script.**

Explanation: The command script is empty.

User Response: Enter the command script content, and then click on OK.

DBA2034I **Command script "<script id>" was updated successfully.**

Explanation:

User Response:

DBA2035E **A system error occurred. Unable to retrieve the command script "<script id>". Restart the Admin. Server, and then retry the command.**

Explanation: An internal error occurred.

User Response: Restart the Admin. Server, and then retry the command. If the problem persists, contact your system administrator.

DBA2036E **A system error occurred. Unable to create the command script. Restart the Admin. Server, and then retry the command.**

Explanation: An internal error occurred.

User Response: Restart the Admin. Server, and then retry the command. If the problem persists, contact your system administrator.

DBA2037E **A system error occurred. Unable to replace the command script "<script id>". Restart the Admin. Server, and then retry the command.**

Explanation: An internal error occurred.

User Response: Restart the Admin. Server, and then retry the command. If the problem persists, contact your system administrator.

DBA2038E **A system error occurred. Unable to copy the command script "<script id>". Restart the Admin. Server, and then retry the command.**

Explanation: An internal error occurred.

User Response: Restart the Admin. Server, and then retry the command. If the problem persists, contact your system administrator.

DBA2039E **You have not specified the number of months for your selection.**

Explanation: The number of months for your selection is required information.

User Response: Enter a number in the months entry field.

DBA2040E **You must select at least 1 day of the month for your selection.**

Explanation: To schedule a recurring job, you must specify at least one date per month for the job.

User Response: Select at least one date per month when scheduling a recurring job.

DBA2041E   **A system error occurred. Unable to remove the command script "<script id>". Restart the Admin. Server, and then retry the command.**

Explanation: An internal error occurred.

User Response: Restart the Admin. Server, and then retry the command. If the problem persists, contact your system administrator.

DBA2042E   **A system error occurred. Unable to run the command script "<script id>". Restart the Admin. Server, and then retry the command.**

Explanation: An internal error occurred.

User Response: Restart the Admin. Server, and then retry the command. If the problem persists, contact your system administrator.

DBA2043I   **Job "<job id>" was created successfully for running command script "<script id>".**

Explanation:

User Response:

DBA2044E   **You have not specified a script description.**

Explanation: A description for the script file is required information.

User Response: Enter a description for the script file, and then click on OK.

DBA2045E   **Command script associated with job "<job id>" is system-generated. Content cannot be shown.**

Explanation: The script associated with a backup or reorganize table action is not in readable format.

User Response: Select a different command script (file?) to view the content of.

DBA2046E   **Command script "<script id>" is system-generated. Content cannot be edited.**

Explanation: The script associated with a backup or reorganize table action is not in readable format.

User Response: Select a different command script file to edit.

DBA2047E   **A system error occurred. The script type is unknown. Restart the Admin. Server., and then retry the command.**

Explanation: An internal error occurred.

User Response: Restart the Admin. Server, and then retry the command. If the problem persists, contact your system administrator.

DBA2048E   **The file name you specified already exists. Specify a different script file name.**

Explanation: The name of each script file must be unique. You specified a file name that already exists.

User Response: Specify an unique script file name.

DBA2049E   **A system error occurred. File access was denied.**

Explanation: The application was unable to access the file in the file system.

User Response: Retry the command. If the problem persists, contact your system administrator.

DBA2050E   **A system error occurred. The disk is full.**

Explanation: There is no more room on the disk. Processing cannot continue.

User Response: Delete unwanted files from the file system. If the problem persists, contact your system administrator.

DBA2051E   **A system error occurred. A hard disk error occurred.**

Explanation: An internal error relating to the hard disk occurred. The application was unable to access a file.

User Response: Retry the command. If the problem persists, contact your system administrator.

DBA2052E   **Unable to execute the job due to logon failure. Userid = "<user id>".**

Explanation: The password was invalid for the given userid or the userid is invalid.

User Response: Enter a valid userid and password when prompted.

DBA2053E   **A system error occurred. Unable to remove job history entry.**

Explanation: An internal error occurred.

User Response: Restart the Admin. Server, and then retry the command. If the problem persists, contact your system administrator.

DBA2054E   **A system error occurred. Unable to run job "<job id>".**

Explanation: An internal error occurred.

User Response: Restart the Admin. Server, and then retry the command. If the problem persists, contact your system administrator.

DBA2055E   **Command script "<script id>" has been removed from the Script Center.**

Explanation:

User Response:

DBA2056I   **Command script "<script id>" was not changed.**

Explanation:

User Response:

DBA2057E   **A system error has occurred. The path was not valid.**

Explanation: An internal error occurred.

User Response: Restart the Admin. Server, and then retry the command. If the problem persists, contact your system administrator.

DBA2058E   **A line in the file is greater than "<number>" bytes.**

Explanation: The maximum number of bytes in a line is exceeded.

User Response: Rewrite the long line into separate lines without exceeding the limit.

DBA2059E   **A system error occurred. There was a sharing violation.**

Explanation: An internal error occurred.

User Response: Restart the Admin. Server, and then retry the command. If the problem persists, contact your system administrator.

DBA2060E   **A system error occurred. Unable to copy script "<script id>".**

Explanation: An internal error occurred.

User Response: Restart the Admin. Server, and then retry the command. If the problem persists, contact your system administrator.

DBA2061I   **Script "<script name>" was created successfully.**

Explanation: A new script file with the name "<script name>" was created successfully.

User Response: To view the newly created script, turn to the Script Center by selecting the Script Center icon from the icon bar.

DBA2062E A system error occurred. Unable to create a new script. Restart the Admin. Server, and then retry the command.

Explanation: An internal error occurred.

User Response: Restart the Admin. Server, and then retry the command. If the problem persists, contact your system administrator.

DBA2063E A system error occurred. Unable to retrieve the results of job "<job id>". Restart the Admin. Server, and then retry the command.

Explanation: An internal error occurred.

User Response: Restart the Admin. Server, and then retry the command. If the problem persists, contact your system administrator.

DBA2064E A Script Center record already exists for this script file name. Specify a different script file name.

Explanation: The name of each script file must be unique within the Script Center. You specified a file name that already exists.

User Response: Specify an unique script file name.

DBA2065E A system error occurred. The script file does not exist in the file system.

Explanation: The script file was not found in the file system. The file may have been erased.

User Response: Remove the script entry and recreate it.

DBA2066E The db2job executable is not in the expected directory. Unable to run the script.

Explanation: db2job executable should be copied to sqllib bin as part of the installation.

User Response: Contact your system administrator.

DBA2067I The REORG TABLE command completed successfully.

Explanation:

User Response:

DBA2068E You have not entered the instance name.

Explanation: The name of the instance is required information.

User Response: Enter the instance name in the entry field, and then click on OK.

DBA2069W The maximum number of "<number>" jobs has been created. Please remove obsolete jobs.

Explanation:

User Response: Remove jobs that are no longer needed before creating another new job.

DBA2070W The maximum number of "<number>" scripts has been created. Please remove obsolete scripts.

Explanation:

User Response: Remove scripts that are no longer needed before creating another new script.

DBA2071W The maximum number of "<number>" bytes has been reached. Data shown is truncated. The complete file "<file name>" can be found at the server.

Explanation: The editor cannot handle a file as large as the current one. Data shown had to be truncated.

User Response: The entire file can be viewed at the server in the indicated location.

DBA2072E   The script associated with job "<job id>" has been removed from the Script Center.

Explanation: The script file does not exist anymore.

User Response:

DBA2073E   You have not specified a userid and password.

Explanation: A userid and password for running the job are required.

User Response: Enter a valid userid and password for running the job, and then click on OK.

DBA2074E   A system error has occurred. The working directory path was not valid.

Explanation: The specified working directory does not exist so it cannot be used to run the script.

User Response: Use the Browse... button to select a valid working directory path.

DBA2075I   Job "<job id>" has been submitted. Use the Jobs page on the Journal to view the results.

Explanation:

User Response:

DBA2076E   The job terminated abnormally.

Explanation:

User Response:

DBA2077E   File name "<file name>" already exists in the file system.

Explanation: File name must be unique.

User Response: Specify another file name.

DBA2082W   The file permissions for the script do not allow Script Center to read the script with the current user ID.

Explanation: The file permissions for the script do not allow Script Center to read the script with the current user ID.

User Response: Ensure that you have set appropriate file permissions for the script.

DBA2078E   An unexpected error occurred. There is no job output.

Explanation: There is no job output from running the job.

User Response: A possible error could be an invalid file extension is used on the operating system. Recreate the script with a valid extension.

DBA2081W   The file "<file-name>" exceeds the maximum number of bytes ("<maximum-bytes>") for the Script Center. You must use an external editor to view or edit the file.

Explanation: The file is larger than the maximum size that the Script Center can display.

User Response: Use an external editor to view or edit the file.

DBA2151E   The script cannot be scheduled because it was not saved.

Explanation: The script cannot be scheduled because you canceled the save action and therefore, the script was not saved in the Script Center.

User Response: Save the script and then try scheduling again.

DBA2152I The script has to be saved to the Script Center before it can be scheduled.

Explanation: Only scripts that are saved in the Script Center can be scheduled and run.

User Response: Select OK to save the script to the Script Center, or Cancel if you do not want to schedule the script.

DBA2153I File "<file name>" was opened successfully.

Explanation:

User Response:

DBA2154I Script "<script name>" was opened successfully.

Explanation:

User Response:

DBA2155I Do you want to overwrite file "<file name>"?

Explanation: The file "<file name>" currently exists in the file system and the save operation will overwrite its contents.

User Response: Select OK if you want to overwrite the contents of the file, or Cancel if you do not want to alter its contents.

DBA2156I Do you want to overwrite script "<script name>"?

Explanation: The script "<script name>" currently exists in the Script Center and the save operation will overwrite its contents.

User Response: Select OK if you want to overwrite the contents of the script, or Cancel if you do not want to alter its contents.

DBA2157I File "<file name>" was updated successfully.

Explanation:

User Response:

DBA2158I File "<file name>" was created successfully.

Explanation: A new file with the name "<file name>" was created successfully in the file system.

User Response:

DBA2171I Do you want to discard all your changes to the script, and exit from the Command Center?

Explanation: You specified to exit from the Command Center, but the changes to the current script have not yet been saved. Your changes will be lost unless you cancel your exit request.

User Response: Select Yes to discard your changes and exit from the Command Center, or select No to cancel the exit request.

DBA2172I Do you want to discard your changes to the current script, and create a new script?

User Response: Select Yes to discard your changes and to create a new script, or select No to cancel the request.

DBA2173I The Command Center is still processing a command. Try again later.

Explanation: You tried to run a script or issue a set of commands, but the Command Center cannot process your command until it has finished processing the current one.

User Response: Please wait a few moments and try the command again. To stop the current command, click on the turning gears icon on the tool bar or select "Terminate" from the Results menu on the Results page.

DBA2174E   The file "<file name>" specified on the command line could not be opened. Make sure that the file exists and that you have read access to the file, and then try again.

Explanation: You specified the name of a file containing a script that you want to import, but the Command Center could not access that file.

User Response: Make sure that you have entered the file name correctly on the command line, that the file exists, and that your user ID has read access to that file.

DBA2175E   There is not enough memory to create the Command Center window. The application cannot continue.

Explanation: The system encountered a memory allocation problem when trying to create the Command Center window.

User Response: Make sure there is enough memory on your system to run the Command Center, and then try again.

DBA2176E   The system environment did not initialize. The application cannot continue. Restart the database manager and try again, or contact your local support personnel.

Explanation: The command processor environment did not initialize properly.

User Response: Make sure you have enough disk space and then try again.

DBA2177E   The system could not create an access plan because a problem relating to Visual Explain has occurred.

Explanation: Command Center has encountered a problem when trying to create an access plan.

User Response: Please refer to the help from the previous messages.

DBA2178E   You need a database connection in order to create an access plan. Use the "Connect" statement to connect to a database, and then try the command again.

User Response: Establish a database connection first using the "Connect" statement, and then create an access plan for that database. To see a list of available databases, issue the command "list database directory".

DBA2179E   An access plan cannot be created because the statement you used is not in the correct format or is not a query.

Explanation: The statement you used to try to create an access plan is either not in the correct format for a query or is not a query.

User Response: Check your statement for errors in query format, make necessary changes, and retry the statement. Refer to Visual Explain documentation for guidance on forming valid queries.

DBA2180I   The program name "db2" before the statement will be ignored because it is not required.

Explanation: You don't need to type "db2" before a statement in the Command Center. It is only required at the operating system command prompt.

User Response: No action is required.

DBA2181I   The Command Center is not available at this time. Retry this operation later.

Explanation: The JDBC server does not support multiple WEBCC Command Center sessions. The JDBC server is already busy with an existing Command Center session.

User Response: Wait until the current Command Center session is finished and retry the operation.

DBA2182N   A script name following the pattern "<script_name_pattern>" cannot be saved because the Script Center already contains too many scripts with names that follow the same pattern. Remove old scripts that follow this pattern from the Script Center then invoke the "<tool_name>" again.

Explanation: There are too many automatically generated scripts with names like "<script_name_pattern>".

User Response: In the Script Center, remove at least one script with a name like "<script_name_pattern>", then invoke the "<tool_name>" again.

DBA2193W   "<window-name>" cannot run without "<program-name>". Ensure that the Database Tools subcomponent is installed.

Explanation: To invoke "<window-name>", the "<program-name>" application must be installed on the server. By default, the Database Tools subcomponent of the Administration and Configuration Tools component is selected during installation. The Database Tools subcomponent must be selected during installation in order for the "<program-name>" application to be installed.

User Response: Ensure the Database Tools subcomponent is installed. If Database Tools was not selected during the installation of the database server, you will need to run DB2 Setup again.

1   Stop all DB2 services.

2   Run DB2 Setup.

3   Select Custom install.

4   Uncheck all components except Administration and Configuration Tools.

5   In the details for Administration and Configuration Tools, select Database Tools.

6   Complete the install.

7   Restart all DB2 services.

8   Use the "<window-name>".

DBA3007   Are you sure you want to delete the explained statement?

Explanation: You are about to delete the explained statement. This will delete the rows in the explain tables.

User Response: Ensure that you want to delete the explained statement.

DBA3008   Are you sure you want to delete the explained statements?

Explanation: You are about to delete the explained statements. This will delete the rows in the explain tables.

User Response: Ensure that you want to delete the explained statements.

DBA3009   A system error occurred. The Visual Explain tool could not continue processing.

Explanation: An unexpected error occurred causing the operation to stop.

User Response: Possible solutions include:
• Verify that your system has sufficient memory.
• Where appropriate, stop other programs using the system.

If the problem persists, contact your system administrator.

DBA3010   The explain snapshot has been deleted. Your request cannot be completed.

Explanation: The explain snapshot that is requested has been deleted from the explain tables.

User Response: Regenerate the snapshot.

DBA3011   **This explain snapshot was created using a different version of the database manager from the Visual Explain Tool. Your request cannot be completed.**

Explanation: The explain snapshot was created using a newer version or an older version of the database manager from the Visual Explain Tool. The access plan graph cannot be constructed by the Tool.

User Response: Use the same version of the database manager as the Visual Explain Tool to graph the explain snapshot.

DBA3012   **String not found.**

Explanation: The search string is not found in the text being displayed.

User Response: None.

DBA3013   **Text is missing. You must specify the text string to be found.**

Explanation: You did not specify a search string.

User Response: Specify a search string.

DBA3014   **No selection is made in the list. You must select at least one entry in the list.**

Explanation: You did not make a selection in the list.

User Response: Select at least one entry in the list.

DBA3015   **There are no referenced columns associated with this access plan.**

Explanation: There were no columns referenced in the query for the referenced table.

User Response: None.

DBA3016   **There are no page fetch pairs statistics associated with this index.**

Explanation: There are no page fetch pairs statistics stored in the catalog table for this index. Refer to the System Catalog Statistics section in the *Administration Guide* for more details.

User Response: None.

DBA3017   **There are no referenced functions associated with this access plan.**

Explanation: This access plan did not require the use of any functions.

User Response: None.

DBA3018   **There are no column distribution statistics associated with this column.**

Explanation: There are no column distribution statistics stored in the catalog table for this column. Refer to the System Catalog Statistics section in the *Administration Guide* for more details.

User Response: None.

DBA3019   **There are no indexes associated with this table.**

Explanation: There were no indexes defined on the referenced table at the time of explain and there are no indexes currently defined in the table.

User Response: None.

DBA3020   **An error occurred while a COMMIT against the database was being attempted and no SQLCODE can be returned.**

Explanation: An unexpected error occurred.

User Response: Contact your system administrator.

DBA3021   **An error occurred while a ROLLBACK against the database was being attempted and no SQLCODE can be returned.**

Explanation: An unexpected error occurred.

User Response: Contact your system administrator.

DBA3022   **The Get Database Manager Configuration api passed back a non-zero return code.**

Explanation: An unexpected error occurred causing the operation to stop.

User Response: Contact your system administrator.

DBA3023   **The Get Database Configuration api passed back a non-zero return code.**

Explanation: An unexpected error occurred causing the operation to stop.

User Response: Contact your system administrator.

DBA3024   **An error occurred while saving to the file "<file>".**

Explanation: Possible problems include:
- The file cannot be opened for write.
- The file name does not conform to the file system convention.

User Response: Possible solutions include:
- Change the file attribute to read write.
- Specify the correct file name.

DBA3025   **An error occurred while retrieving from the file "<file>".**

Explanation: Possible problems include:
- The file is not readable.
- The file does not exist.

User Response: Specify the correct file name.

DBA3026   **No printers are installed.**

Explanation: There are no printers installed on your machine.

User Response: Install a printer on your machine.

DBA3033   **There are no referenced table spaces associated with this access plan.**

Explanation: This access plan did not reference any database objects contained in a table space.

User Response: None.

DBA3034   **The snapshot was created using code page "<codepage>" but is not converted to the code page of the window running the Visual Explain Tool.**

Explanation: The snapshot of the access plan graph displayed was created on a code page different from the code page of the window running the Visual Explain Tool. Code page conversion is not successful because the snapshot is too large. The access plan graph is displayed without code page conversion. You may not be able to display the current statistics when you open the statistics windows.

User Response: Change the code page of the window running the Visual Explain Tool to the same one used to create the snapshot and display the access plan graph again.

DBA3035   **The snapshot was created using code page "<codepage>" but is not converted to the code page of the window running the Visual Explain Tool. The value of the database manager configuration parameter UDF_MEM_SZ is too small.**

Explanation: The snapshot of the access plan graph displayed was created on a code page different from the code page of the window running the Visual Explain Tool. Code page

conversion is not successful because the user defined function used to convert between the code pages do not have enough memory to run. The access plan graph is displayed without code page conversion. You may not be able to display the current statistics when you open the statistics windows.

User Response: Possible solutions include:
- Change the database manager configuration parameter UDF_MEM_SZ of your server to 512 and display the access plan graph again. Note that the configuration parameter may not take effect until the next time you do a **db2start** on your server.
- Change the code page of the window running the Visual Explain Tool to the same one used to create the snapshot and display the access plan graph again.

DBA3036   Explain tables have been created to process your dynamic explain request.

Explanation: One or more explain tables have been created under the current user ID. These tables will be used to store the information needed by your dynamic explain request.

User Response: None.

DBA3037   The explain snapshot has been corrupted. Your request cannot be completed.

Explanation: The explain snapshot that is requested has been corrupted in the explain tables.

User Response: Regenerate the snapshot.

DBA3038   There are no referenced buffer pools associated with this access plan.

Explanation: This access plan did not reference any database objects contained in a buffer pool.

User Response: None.

DBA3039   Explain tables cannot be found.

Explanation: Explain tables do not exist.

User Response: Create explain tables using one of the following methods:
- Use the sample command file that is provided in the EXPLAIN.DDL file. This file is located in the sqllib\misc directory. To run the command file, go to this directory and issue the **db2 -tf EXPLAIN.DDL** command.
- From the Control Center or from the Explained Statements History window, select **Explain SQL** from the menu selections. Use the Explain SQL Statement window to dynamically explain an SQL statement and automatically create the explain tables.

DBA3040   The command is specified incorrectly.

Explanation: The command has invalid syntax.

User Response: Issue the command with the -h option to see the correct syntax.

DBA3041   The name of the database must be between 1 and "<maximum>" characters long.

Explanation: The specified database name is either empty or too long.

User Response: Reissue the command with a valid database name.

DBA3042   The explainable statement text must be between 1 and "<maximum>" characters long.

Explanation: The specified explainable statement text is either empty or too long.

User Response: Reissue the command with valid explainable statement text.

DBA3043   The query tag cannot have more than "<maximum>" characters.

Explanation: The specified query tag is too long.

User Response: Reissue the command with a valid query tag.

DBA3044 **The user ID cannot have more than "<maximum>" characters.**

Explanation: The specified userid is too long.

User Response: Reissue the command with a valid userid.

DBA3045 **The valid range for query number is from 0 to "<maximum>".**

Explanation: The specified query number is either too small or too large.

User Response: Reissue the command with a valid query number.

DBA3046 **The valid values for optimization class are 0, 1, 2, 3, 5, 7 and 9.**

Explanation: The specified optimization class is not one of the valid values.

User Response: Reissue the command with a valid optimization class.

DBA3047 **The database "<name>" cannot be found.**

Explanation: The database name specified in the command does not exist in the system database directory.

User Response: Reissue the command with an existing database name or catalog the database in the system database directory.

DBA3048 **db2vexp explains a dynamic SQL statement to produce an access plan graph. The syntax is:**

db2vexp -db <database name>
  -sql <explainable statement text>
  [-queryno <query number>]
  [-querytag <query tag>]
  [-opt <optimization class>]
  [-user <user ID>]
  [-password <password>]

  [-withsnapshot]
  Use -h option to get help information.

Explanation: This is the syntax of the db2vexp command.

User Response: None.

DBA3059 **There is no details information associated with the selected operator** ″**<operator>**″**.**

Explanation: The details information of the selected operator is not available for the current release of the DB2 Administration Tools.

User Response: None.

DBA3060 **There is no help information associated with the selected operator** ″**<operator>**″**.**

Explanation: The help information of the selected operator is not available for the current release of the DB2 Administration Tools.

User Response: None.

DBA4000W **Are you sure you want to stop monitoring?**

Explanation: You have requested to stop monitoring all database objects that are currently monitored and to exit the Performance Monitor.

User Response: Click ″Yes″ to process the request or ″No″ to cancel it.

DBA4001I **There is no monitor summary for your selection.**

Explanation: You requested to show monitor activity on a level of object in which nothing is being monitored. There is no summary activity to be shown.

User Response: Retry the action when a monitor is started on a object that corresponds to the level you have selected.

DBA4002W   Are you sure you want to stop monitoring "<name>"?

Explanation: You have requested to stop monitoring an object that is currently being monitored.

User Response: Click "Yes" to process the request or "No" to cancel it.

DBA4003I   Only the default level is changed for IBM supplied monitors.

Explanation: For an IBM-supplied monitor, the only attribute that you can change is the level for which this monitor is designated as the default.

User Response:

DBA4004E   Multiple selection is only allowed for the Remove action.

Explanation: You selected more than one monitor from the list of monitors. The only action you can perform on multiple objects is Remove.

User Response: Deselect all monitors except one from the list and retry the action.

DBA4005W   Are you sure you want to remove the selected monitors?

Explanation: You requested to remove the selected monitors from the list.

User Response: Click "Yes" to process the request or "No" to cancel it.

DBA4006W   Are you sure you want to reset the counters?

Explanation: You requested to reset the database counters.

User Response: Click "Yes" to process the request or "No" to cancel it.

DBA4007W   Are you sure you want to stop monitoring all objects in this level?

Explanation: You have requested to stop monitoring all objects in this level that are currently being monitored.

User Response: Click "Yes" to process the request or "No" to cancel it.

DBA4008W   Are you sure you want to stop monitoring all partitions in this object?

Explanation: You have requested to stop monitoring all partitions in this object that are currently being monitored.

User Response: Click "Yes" to process the request or "No" to cancel it.

DBA4009I   The IBM supplied monitors are being created.

Explanation: The IBM supplied monitors are being created. This may take a while.

User Response:

DBA4010E   The Performance Monitor encountered a problem and cannot continue. Retry the action. If the problem persists, take a trace at the client and the server, and contact support personnel.

Explanation: Unexpected error has occurred.

User Response: Take a trace at the client and the server and contact support.

DBA4011E   The program "<name>" is not a valid name. The program cannot be run. Check the name and retry the action.

Explanation: You have specified an invalid program name.

User Response: Specify a valid program name and retry the action.

DBA4012E The program "<name>" cannot be run. The currently executing thread is not allowed to execute the specified program.

Explanation: A security exception is thrown when executing the program specified. Run command works in application mode only.

User Response: Retry the action when you run Control Center as an application.

DBA4013I Database manager node "<name>" is down.

Explanation: From the Tools settings, node status page, you have selected to be informed about database manager node status when it is down.

User Response: Restart the database manager node to continue processing.

DBA4014I The state of database manager node "<name>" is unknown.

Explanation: From the Tools settings, node status page, you have selected to be informed about database manager node status when the state is unknown.

User Response:

DBA4015E "<name>" contains invalid input. Please re-enter the entry.

Explanation: Your entry contains invalid character.

User Response: Retry your action with new entry.

DBA4016E New monitor cannot be created. The maximum number of monitors is "<number>".

Explanation: The create or save as or copy request fails. The maximum number of monitors has been reached.

User Response: Remove unused monitors and retry your action.

DBA4017E The monitoring connection cannot be established. The maximum number of monitoring connections is "<number>".

Explanation: The maximum number of monitoring connections has been reached.

User Response: Retry your action later or stop any running monitoring session on your machine.

DBA4018W Your entry in "<name>" is too long. The maximum number of characters is "<number>". Your entry is truncated.

Explanation: Your entry has exceeded the limit.

User Response:

DBA4019E Your entry in "<name>" is too long. The maximum number of characters is "<number>". Retry your action with valid input.

Explanation: Your entry has exceeded the limit.

User Response: Retry the action with valid input.

DBA4020W You made changes to the performance monitor "<name>". Do you want to save your changes?

Explanation: You made one or more changes to the performance monitor that are not yet saved, and you requested to exit from the Show Monitor window or set the running monitor a different monitor. Your changes will be lost unless you click Yes.

User Response: Click "Yes" to process the request or "No" to cancel it.

DBA4021W You made changes to the performance variable settings for "<name>". Do you want to apply your changes to the next snapshot?

Explanation: You made one or more changes to the performance variable settings that are not yet saved, and you selected a different performance variable to work with. Your changes will be lost unless you click Yes.

User Response: Click "Yes" to apply the changes to the next snapshot of "No" cancel it.

DBA4023E You entered a combination of alarm and warning threshold values that is not valid for performance variable "<name>". Change one or more threshold values and try again.

Explanation: The upper alarm threshold value must be greater than the upper warning threshold value and so on; that is, upper alarm threshold value > upper warning threshold value > lower warning threshold value > lower alarm threshold value. The threshold value is a float no longer than 9 digits.

User Response: Verify the threshold values and try the operation again.

DBA4024W The Summary page cannot show more than "<number>" columns. Turn to the Details page to see all the performance variables.

Explanation: The Summary page currently displays as many columns as it can accommodate, but some performance variables are not shown.

User Response: Turn to the Details page to see all the performance variables.

DBA4025W The "<type>" view cannot show more than "<number>" performance variables.

Explanation: The maximum number of performance variables are shown.

User Response: Remove one or more performance variables from the "<type>" view before adding more.

DBA4026I A non-applicable monitor has been set as default for this level.

Explanation: The monitor must include at least one pv for this level.

User Response: Modify the default monitor to include at least one pv for this level.

DBA4027I Monitoring has not been started as there is nothing to monitor.

Explanation: Currently there are no databases or gateway connections to be monitored for this instance.

User Response: Catalog a database or gateway connection to start monitoring.

DBA4060E The Performance Monitor is currently active with another monitor for this instance.

Explanation: Only one monitor can be active at a time per instance. For example, if your default monitor for databases is different from your default monitor for connections, you will not be able to monitor databases and monitor (or list) connections at the same time.

User Response: In the List Monitors window, you can:

1. Find out which monitor is running and stop it so you can specify a different one.
2. Find out which monitor is running and specify it for your next monitoring action.
3. Create a monitor that contains performance variables for all levels, and then select it as your default monitor for each level.

DBA4065E   The threshold value cannot be blank or contain more than 9 characters. Enter a valid threshold value.

Explanation: You entered a threshold value which is not valid or your value has been modified internally. For example, 123456789 will be modified to 123,456,789.0 which exceeds the number of characters allowed in the threshold.

User Response: Re-enter the threshold value and retry your action.

DBA4070E   The JDBC server encountered a problem. The list of performance monitors could not be processed.

Explanation: An unexpected problem is encountered.

User Response: Verify that the JDBC server is up and running. If it is, take a trace at the JDBC server and then contact support personnel.

DBA4071W   Some monitors are currently in use locally. The refreshed list shows local monitors only.

Explanation: The list of monitors is refreshed with local monitors only.

User Response: To show the complete list, stop the active monitors and retry the operation.

DBA4072E   This monitor name already exists. Specify a unique name.

Explanation: Performance monitor names in a JDBC server must be unique regardless of the monitor's creator.

User Response: Specify a unique monitor name.

DBA4074E   The JDBC server encountered a problem. The operation could not be performed.

Explanation: An unexpected problem is encountered.

User Response: Verify that the JDBC server is

up and running. If it is, take a trace at the JDBC server and then contact support personnel.

DBA4075E   This performance monitor is empty so it cannot be saved. Add at least one performance variable to the monitor and retry the operation.

Explanation: Monitors need to contain at least one performance variable in order to be valid.

User Response: Add at least one Performance Variable to the monitor and retry the operation.

DBA4076E   The action cannot be performed because you are not the creator of the monitor.

Explanation: You must own the monitor to be able to change, rename or remove it.

User Response: If you were trying to change a monitor, copy it under a different name and then change it.

DBA4079E   This monitor is currently in use locally. Stop the monitor, and then remove or rename it.

Explanation: You cannot remove or rename an active monitor.

User Response: Stop the monitor before removing or renaming it.

DBA4080E   This monitor is currently in use remotely. Wait till the monitor is stopped, and then remove or rename it.

Explanation: You cannot remove or rename an active monitor.

User Response: Wait till the monitor is stopped before removing or renaming it.

DBA4083E This monitor could not be found. Another user might have removed it. Stop all monitoring and then refresh your list of monitors.

Explanation: Another user might have removed the monitor that you are using.

User Response: Stop all monitoring and refresh your list of monitors.

DBA4090E Connection to the JDBC server has ended abnormally. Close the Control Center and retry the operation. If the problem persists, take a trace at the JDBC server and contact support personnel.

Explanation: An unexpected error has occurred.

User Response: Close the Control Center and retry the operation. If the problem persists, take a trace at the JDBC server and contact support personnel.

DBA4095I This function has not been implemented on this object.

Explanation: This function has been planned for a future release but is not currently implemented on this object.

User Response: None.

DBA4220 Full database restore cannot be done from a table space backup image.

Explanation: Full database restore cannot be done from a table space backup image.

User Response: None.

DBA4221 Table space selection is not allowed for the media type.

Explanation: Table space selection is not allowed for the media type.

User Response: None.

DBA4222 Table space selection is not allowed since the database is in backup pending state.

Explanation: Table space selection is not allowed since the database is in backup pending state.

User Response: None.

DBA4223 Full database required when backup image information is entered manually.

Explanation: Full database required when backup image information is entered manually.

User Response: None.

DBA4730E Performance monitoring encountered a problem while accessing the monitor server. Monitoring cannot continue. smcode: "<Error code>"

Explanation: See the Administration Server error logs for more information.

User Response: Contact your technical service representative with the smcode.

DBA4731E A resource problem occurred on the Monitor Server. smcode: "<Error code>"

Explanation: See the Administration Server error logs for more information.

User Response: Free up some server resource and retry the operation. If the problem persists, contact your technical service representative with the smcode.

DBA4732E A problem occurred when trying to attach to the database instance. smcode: "<Error code>"

Explanation: See the Administration Server error logs for more information.

User Response: Retry the operation. If the problem persists, contact your technical service

representative with the smcode.

DBA4733W   The monitored database instance is stopped. Restart the instance. smcode: "<Error code>"

Explanation: See the Administration Server error logs for more information.

User Response: Restart the instance. If the problem persists, contact your technical service representative with the smcode.

DBA4734E   Performance monitoring encountered a problem while accessing the monitor server. smcode: "<Error code>"

Explanation: See the Administration Server error logs for more information.

User Response: Retry the operation. If the problem persists, contact your technical service representative with the smcode.

DBA4735E   A problem occurred when trying to attach to the database instance. smcode: "<Error code>"

Explanation: See the Administration Server error logs for more information.

User Response: Contact your technical service representative with the smcode.

DBA4736E   Unable to determine the current country code or current code page in use on the client. smcode: "<Error code>"

Explanation: The client's country code and code page must be sent to the server so that the data is returned in the correct code page. The Monitor Server was unable to determine the active country code or code page.

User Response: Refer to your operating system documentation to determine how to set the country code and active code page for your system. Retry the operation after setting the country code and code page.

DBA4737E   Unable to set the current client country code or current code page on the server. smcode: "<Error code>"

Explanation: The client's country code and code page must be sent to the server so that the data is returned in the correct code page. The Monitor Server was unable to set the client's active country code or code page on the server.

User Response: Refer to your operating system documentation to determine how to activate the client's country code and active code page on your server's system. Retry the operation after activating the country code and code page.

DBA4738E   The Administration Server on system "<name>" is not started. smcode: "<Error code>"

Explanation: The listed Administration Server on system "<name>" is not started.

User Response: Start the Administration Server and retry the operation.

DBA4739E   The client system's code page could not be determined. The client system might not be set up correctly. smcode: "<Error code>"

Explanation: This is a client system setup problem.

User Response: Contact IBM Service.

DBA4740E   The client code page "<name>" is not available on instance "<name>". smcode: "<Error code>"

Explanation: The listed code page has not been installed on instance "<name>".

User Response: Contact your system administrator. Your administrator should install codepage "<name>" on instance "<name>".

DBA4741E   The client codepage "<name>" is not available on instance "<name>", at node "<name>". smcode: "<Error code>"

Explanation: The listed codepage has not been installed on instance "<name>", at node "<name>".

User Response: Contact your system administrator. Your administrator should install codepage "<name>" on instance "<name>" at node "<name>".

DBA4742E   The Administration Server "<name>" cannot be found. smcode: "<Error code>"

Explanation: Possible reasons for this problem include: 1) Remote instance name is not valid. 2)Hostname is not valid.

User Response: Contact your system administrator.

DBA4743E   The Administration Server "<name>" detected a problem. sqlcode: "<Error code>". smcode: "<Error code>"

Explanation: The Administration Server "<name>" had an internal error.

User Response: Contact your system administrator.

DBA4744E   The Control Center could not communicate with the parallel tools on instance "<name>" at node "<name>". Try starting communications. smcode: "<Error code>"

Explanation: Communications may not have been started.

User Response: Contact your system administrator.

DBA4745E   The TCP/IP port configuration between the Control Center and the parallel tools on instance "<name>" at node "<name>" is not correct. smcode: "<Error code>"

Explanation: The /etc/services file at node "<name>" might contain incorrect information.

User Response: Contact your system administrator. Your administrator should check that the port name of db2ccmsrv is entered correctly in the /etc/services file on node "<name>".

DBA4746E   Instance node host name "<name>" is not valid on instance "<name>". smcode: "<Error code>"

Explanation: The db2nodes.cfg file for instance "<name>" might contain incorrect information.

User Response: Contact your system administrator. Your administrator should validate the host name found in the db2nodes.cfg file for instance "<name>".

DBA4747E   The Performance Monitor did not receive a response from node "<name>" within the snapshot capture interval. smcode: "<Error code>"

Explanation: A performance or communications problem on the listed node is preventing a response from being sent, or the snapshot capture interval is not long enough to allow each node time to respond to the request.

User Response: Contact your system administrator. Your administrator can 1) Validate the performance on the listed node. 2) Increase the snapshot capture interval to allow more time for the node to respond to the snapshot request.

DBA4748E Logical node "\<name>" on instance "\<name>" is not valid. smcode: "\<Error code>"

Explanation: The db2nodes.cfg file for instance "\<name>" might contain incorrect information.

User Response: Contact your system administrator.

DBA4749E The Monitor Server on instance "\<name>" is unable to establish communications with node "\<name>". smcode: "\<Error code>"

Explanation: The communications subsystem may not have been started.

User Response: Start the db2cclst process on the node specified above. If problem still persists, contact your system administrator.

DBA4750E The instance being switched to does not exist. smcode: "\<Error code>"

Explanation: See the Administration Server error logs for more information.

User Response: Contact your technical service representative with the smcode.

DBA5006E PIPE Event Monitors are not supported.

Explanation: The Event Analyzer only handles traces produced by FILE Event Monitors.

User Response: Use a FILE Event Monitor.

DBA5007E The specified Event Monitor does not exist.

Explanation: The Event Monitor names specified with the -evm option could not be found in the catalogs for the database specified with the -db option. The Event Monitor may have been dropped or you may be trying to connect to the wrong database.

User Response: Make sure that the Database

alias specified with the -db is properly cataloged and that the Event Monitor has not been dropped. If the latter is the case, re-create the event monitor.

DBA5250I The number of objects retrieved exceeds the limit of what can fit in the window. A partial list is displayed.

Explanation: The window height required to display the retrieved objects exceeds a system limit.

User Response: You can reduce the number of objects displayed in the window by doing the following:
- If the "Include" choice is available on the "View" menu, you can specify a subset of the objects to display in the window. When you select "Include", a window appears and prompts you for subsetting criteria.

DBA5300E Event Analyzer invocation error. Usage:

     **db2eva -path evmon-target
             [-conn [
             -db database-alias]] |
             -evm evmon-name
             -db database-alias [-conn]**

Explanation: The command parameters for the db2eva command are:
-path evmon-target
    specifies the directory containing the Event Monitor trace files.
-db database-alias
    specifies the database for which the Event Monitor is defined, as cataloged on the machine where the trace is analyzed. database-alias overrides the database name specified in the trace.
-evm evmon-name
    the Event Monitor producing the trace files to analyze. If specified, db2eva locates the trace files for the user by reading the Event Monitor target from the database system catalog.
-conn   requests db2eva to maintain a

connection to the database specified by the -db option, or if -db is not supplied, to the database specified in the trace file header. Keeping a connection allows the Event Analyzer to obtain information that is not contained in the trace files, such as the text for static SQL statements. (The Statement Text Events for static SQL only contain package creator, package number, and section number. When the -conn option is specified, db2eva connects to the database and retrieves the text from the Database system catalog, 'sysibm.sysstmt'.) The default is not to keep a connection.

Window Manager Options can be intermixed with the db2eva arguments.

Two modes of operation are provided for reading Event Monitor trace files:

1. User specifies the directory where the trace files reside (using -path)

   This mode allow users to move trace files from a server and analyze them locally, even if the Event Monitor has been dropped.

2. User specifies the database and event monitor names; db2eva automatically locates the trace files.

   When this mode is used, db2eva connects to the database, and issues a 'select target from sysibm.syseventmonitors' to locate the directory where the Event Monitor writes its trace files. The connection is then released, unless -conn is specified. The Event Monitor must not have been dropped when using this mode.

NOTE: Both the -conn and -db options require that the database with which the trace was recorded still exists, and that the user has sufficient access privileges to connect and select from the system catalogs.

User Response: Re-issue the command with valid arguments.

DBA5311E   **Event Monitor invocation error. Usage:**

           db2emcrt database-alias

Explanation: The command parameter for the db2emcrt command is:

database-alias
specifies the database for which the event monitors are to be created or analyzed, as cataloged on the machine the db2emcrt command is invoked. database-alias overrides the database name specified in the trace.

User Response: Re-issue the command with valid arguments.

DBA5350E   **The specified file cannot be opened.**

Explanation: The specified file could not be opened in read-only mode for an unknown cause.

User Response: Check the spelling of the directory specified by the -path option, its access authority, and that it contains a non-empty, readable trace file called 00000000.evt.

NOTE: The first trace file for an Event Monitor is always named 00000000.evt and cannot be renamed.

DBA5351E   **The specified file cannot be found.**

Explanation: There is no 00000000.evt file in the directory specified by -path.

User Response: Check the spelling of the directory specified by the -path option, its access authority, and that it contains the trace file 00000000.evt.

NOTE: The first trace file for an Event Monitor is always named 00000000.evt and cannot be renamed.

DBA5352E   The path specified was not found.

Explanation: The -path option specifies a directory that does not exist.

User Response: Check the spelling of the directory specified by the -path option, its access authority, and that it contains the trace file 00000000.evt.

NOTE: The first trace file for an Event Monitor is always named 00000000.evt and cannot be renamed.

DBA5353E   Access to the specified file was denied.

Explanation: The specified file could not be opened in read-only mode. The -path option may be specifying a directory to which you do not have sufficient access authority.

User Response:
• Check the access authority to the directory specified by the -path option.
• Verify that no one has locked the specified file in exclusive mode.

DBA5354E   The data cannot be read from the specified file.

Explanation: The Event Monitor trace file contains unexpected data, or cannot be accessed.

The trace file was likely corrupted during transmission or has been removed.

User Response: Transmit your trace files from your server again. When transmitting trace files from a remote server, ensure that the transmission is done in binary mode.

DBA5355E   An Event Monitor log header could not be found in the specified file.

Explanation: The first file written to by an Event Monitor is named 00000000.evt and contains a data structure that identifies the trace characteristics. This data structure could not be read. Possible causes:
• The trace file was corrupted.

• The trace file is empty. This can happen if the Event Monitor is active but, has not flushed its buffers yet.

User Response:
• If the trace was transmitted from a remote server, retransmit, ensuring that the transmission is done in binary mode.
• If the trace file is empty, turn off the Event Monitor to force it to flush its buffer.

DBA5356E   The byte order is not valid in the specified file.

Explanation: The Event Monitor log header (the first record written to a new trace) specifies whether the trace contains little-endian (e.g., OS/2) or big-endian (e.g., AIX) data. The value found in the trace file specified neither of these two supported types of data.

The trace file was likely corrupted during transmission.

User Response: Transmit your trace files from your server again. When transmitting trace files from a remote server, ensure that the transmission is done in binary mode.

DBA5357E   Unexpected data was found at the specified offset in the specified file.

Explanation: The Event Monitor trace file contains unexpected data.

The trace file was likely corrupted during transmission.

User Response: Retransmit your trace files from the server, ensuring that the transmission is done in binary mode.

DBA5358I   Cannot browse local file system without an active local Administration Server.

Explanation: The file browser requires a Database Adminstration Server (DAS) instance to browse file systems. If this is a client installation, the DAS instance is not present and local file browsing is disabled.

User Response: For server installations, ensure the DAS instance is started and retry the operation.

DBA5500E   A system error has occurred. The Event Analyzer tool could not continue processing.

Explanation: For an unknown reason a system error has occurred when trying to initialize the application environment.

User Response: Re-issue the command.

DBA5501W   Do you want to delete the event files associated with the event monitor "<evname>" that you are removing?

Explanation:

User Response: To delete the event files for the selected event monitor, click on OK. If you do not want to delete the event files, but still want the event monitor removed, click on NO. If you do not want to remove the event monitor, or delete the event files click on CANCEL.

DBA5502E   No selection was made from the list of Event types. You must select one or more types from the list.

Explanation: When creating an event monitor, at least one Event type must be selected.

User Response: Select one or more of the Event type check boxes from the Create Event Monitor window.

DBA5503I   An event monitor "<evname>" has been successfully created.

Explanation: The event monitor has been successfully created and has been added to the database list of event monitors.

User Response: Click on OK to remove the message.

DBA5504W   Some event monitors were not removed because their event files could not be deleted. See the messages page from the journal notebook for the list of event monitors not removed.

Explanation: Some of the selected event monitors may have been successfully removed, but others were not, because their associated event trace files could not be deleted.

This occurs when either event files are read-only, or they are being used by another active process.

User Response: See the message page of the journal notebook for the list of event monitors that were not removed. To delete the files, end the process using them and check the access authority for the files. Then select the event monitor from the list of event monitors and choose remove from the menu.

DBA5505E   Maximum file size was not specified.

Explanation: If maximum file size in 4K pages is selected on the create event monitor Options window, then the maximum size of the event files must be specified.

User Response: Enter a maximum file size of between 1 and 2,147,483,647 4K pages, or you can select the No Maximum option. If the No Maximum option is selected, the maximum number of event files is 1.

DBA5506E   Maximum number of files was not specified.

Explanation: If Maximum number of files is selected on the create event monitor Options window, then the maximum number of event files must be specified.

User Response: Enter a maximum number of event files of between 1 and 2,147,483,647, or you can select No Maximum option.

DBA5507E   Buffer size was not specified.

Explanation: An event monitor Buffer size in 4K pages must be specified.

User Response: You must enter an event monitor buffer size of between 1 and 2,147,483,647 4K pages.

DBA5508W   Do you want to delete the event files associated with the event monitors that you are removing?

User Response: To delete the event files for the selected event monitors, click on OK. If you do not want to delete the event files, but still want the event monitors removed, click on NO. If you do not want to remove the selected event monitors, or delete the event files click on CANCEL.

DBA5509E   The name entered for the event monitor is not valid.

Explanation: The name entered in the event monitor Name field contains one or more characters that are not allowed. An event monitor can contain alphanumerics and must begin with a letter.

User Response: Remove from the name any characters that are not alphanumeric and make sure the name begins with a letter.

DBA5510E   When trying to activate the monitor, the directory for its data files was not found.

Explanation: When activating an event monitor, the directory that was specified when the event monitor was created must exist. In order to flush its buffers, an event monitor needs an existing file and path.

User Response: Create the directory that was specified when creating the event monitor. Try to activate the event monitor again.

DBA5511E   Entry "<name>" is not valid because the value is out of the acceptable range.

Explanation: The values for an event monitor's Maximum file size, Maximum number of files, and Buffer size must be between 1 and 2,147,483,647.

User Response: Enter a value in the entry fields that is within the given range.

DBA5512E   The character "<character>" entered for the event monitor name is not allowed.

Explanation: A character entered in the event monitor name entry field is not a valid character for an event monitor name.

User Response: Remove from the event monitor name any characters that are not alphanumeric and make sure the name begins with a letter.

DBA5513W   The dynamic link library "<dllname>" could not be loaded successfully.

Explanation: During the initialization of the event analyzer the dll could not be loaded because the dll has been deleted or removed.

User Response: Reinstall the event analyzer by selecting the performance monitor during the installation process.

DBA5514I   The event files for event monitor "<evname>" could not be deleted.

Explanation: The event files for the event monitor could not be deleted because the files are being used by an active process or are read-only.

User Response: To delete the files, end the process that is using them and check the access authority for the files. Select the event monitor again and choose remove from the menu.

DBA5515W The database alias name or database name "<dbname>" could not be found.

Explanation: The alias name that was entered on the command line has not been cataloged on this machine.

User Response: Either catalog the alias on this machine and reenter the command or re-issue the command with a valid alias name.

DBA5516W Viewing the trace for this event monitor may take some time. Do you wish to continue processing?

Explanation: The user has requested to view a large trace for an event monitor. Reading the files could take some time to complete.

User Response: If you want to continue processing the trace click on OK. If you do not wish to continue processing the trace file then click on NO.

DBA5517E The event monitor could not be started due to a reason code of "<reason-code>".

Explanation: The event monitor could not be started for the reason specified by "<reason-code>":

1. The event monitor path is invalid.
2. The device, where the event monitor is to be started, is not ready.
3. Attachment to the admin server failed.

User Response: To start the event monitor, make sure that the event monitor path is valid, the admin server started, and the proper authorities exist on the device. Click on OK.

If the problem persists, manually create the event monitor directory on the device and click on OK.

To create the event monitor without starting it, deselect the Start now check box and click on OK.

DBA5518E The event monitor could not be started because its output directory could not be created.

Explanation: The directory could not be created for one of the following reasons.

1. Proper authorities do not exist for creating directories on the requested file system.
2. Create event monitor does not support directory creation on non-Intel platforms.
3. Cannot create a directory of greater than 8 characters on a FAT file system.

User Response: Make sure the proper authorities exist for directory creation.

On non-Intel platforms create the event monitor output directory manually.

DBA6001I The replication subscription set, "<subscription_set>", is in use. Please try again later.

Explanation: The Apply program is currently processing the replication subscription and this action cannot be deactivated. Wait until the Apply program has completed its processing and retry your command.

User Response: No action is required.

DBA6002I The replication source, "<source_name>", was defined successfully. To begin capturing changes to the replication source, start the Capture program from the command line.

Explanation: The Capture program requires a defined replication source in order to run.

User Response: Make sure the Capture program is running.

DBA6003I **The replication subscription was defined successfully. To begin replicating the subscription set, ensure that the Apply program has been started from the command line.**

Explanation: The Apply program requires a defined replication source in order to run.

User Response: Make sure the Apply program is running.

DBA6004I **The replication subscription was successfully changed.**

Explanation: This is for your information only.

User Response: No action is required.

DBA6005I **The replication sources were successfully removed.**

Explanation: This is for your information only.

User Response: No action is required.

DBA6006I **The replication source, "<source_name>", could not be removed.**

Explanation: This is for your information only.

User Response: No action is required.

DBA6007I **The replication subscription, "<subscription_name>", could not be removed.**

Explanation: This is for your information only.

User Response: No action is required.

DBA6008I **The replication subscriptions were successfully removed.**

Explanation: This is for your information only.

User Response: No action is required.

DBA6009E **"<file_name>" is locked by another action.**

Explanation: The file is currently being used by another action.

User Response: Wait until the action is completed and retry your command.

DBA6010I **The join was successfully defined.**

Explanation: This message is for your information only.

User Response: No action is required.

DBA6012I **The replication source was defined successfully. To begin capturing changes to the replication source, ensure that the Capture program has been started from the command line.**

Explanation: The Capture program requires a defined replication source in order to run.

User Response: Make sure the Capture program is running.

DBA6013I **The replication subscription was successfully updated.**

Explanation: This message is for your information only.

User Response: No action is required.

DBA6014I **The replication subscription was successfully cloned.**

Explanation: This message is for your information only.

User Response: No action is required.

DBA6015I **The SQL statements for this action have been saved in a file for future editing and execution.**

Explanation: This message is for your information only.

User Response: No action is required.

DBA6016I   The SQL script file has been run successfully.

Explanation: This message is for your information only.

User Response: No action is required.

DBA6100I   The Apply program will only perform full refresh copies to this set.

Explanation: This message is for your information only.

User Response: No action is required.

DBA6101E   The table, "<table_name>", cannot be found.

Explanation: The control table specified could not be located in the database or was accidently dropped.

User Response: Create the control table. See the Tables Chapter for more details.

DBA6102I   This action may take some time to complete. Please wait...

Explanation: This message is for your information only.

User Response: No action is required.

DBA6103E   The SQL file, "<file_name>", cannot be run.

Explanation: The user may have edited the SQL statement file for a replication action, such as defining a replication source, and there is an error in the SQL statement file.

User Response: Correct the error in the SQL statement file and run the file again.

DBA6104W   No unique prefix character was found. The prefix character will be set to NULL.

Explanation: A prefix character is an alphabetical or numerical character used to distinguish before-image columns in the source table. If a prefix character connot be assigned because all possible prefix characters are already in use, you will receive this warning. The change data table cannot be created.

User Response: Uncheck the before-image columns and rerun the action.

DBA6105E   The field, "<field_name>", requires your input.

Explanation: The user has not filled in a required field.

User Response: Specify a parameter and select **OK**.

DBA6106E   The replication action does not currently support this database system.

Explanation: The replication action must support your database system in order to run.

User Response: Contact your IBM Service representative.

DBA6107E   Please enter a different value for the field, "<field_name>".

Explanation: When cloning a replication subscription, the **target server** and **Apply qualifier** fields must be different from the original **target server** and **Apply qualifier** fields.

User Response: Enter a different target server name or Apply qualifier and select **OK**.

DBA6108E   The action cannot be completed due to a syntax error.

Explanation: The SQL statement contains a syntax error.

User Response: Check the SQL reference for the

proper syntax. For subscription actions, check the where clause, the rows page, or the CREATE column. For define-join actions, check the CREATE VIEW statement.

DBA6109E   SHOW COLUMNS action cannot be completed.

Explanation: The SHOW COLUMNS action requires that a table be selected.

User Response: Select a table from the Selected Table list box and then press the SHOW COLUMNS key.

DBA6110E   The SQL file, "<file_name>", cannot be opened.

Explanation: The SQL file either does not exist, is in the wrong subdirectory, or is engaged in another process.

User Response: Make sure you enter the correct file name and that the file is in the correct subdirectory. If the file is engaged in another process, terminate the process and reenter the file name.

DBA6111E   The file, "<file_name>", cannot be opened.

Explanation: The file either does not exist or is in the wrong subdirectory.

User Response: Make sure you enter the correct file name on the Replication page of the Tool Settings notebook.

DBA6112I   You have chosen to substitute user-defined values to define replication objects in the Tool Settings notebook. Please supply these values in the file "<file_name>".

Explanation: This message is for your information only.

User Response: No action is required if you have already supplied user-defined values in the file.

DBA6113E   "<keyword>" is an invalid keyword in file "<file_name>".

Explanation: The specified keyword is invalid and may be a typographical error.

User Response: Use the keywords as given in the default file "DPREPL.DFT".

DBA6114E   The value for keyword "<keyword>" cannot be found in file "<file_name>".

Explanation: The value of this keyword is required for this action to complete.

User Response: Specify a value for this keyword in the file.

DBA6115E   None of the items in the column list were selected. This action cannot be completed.

Explanation: At least one item in the column list must be selected for this action to complete.

User Response: Select one or more items from the column list and press **OK**.

DBA6116E   The value for keyword "<keyword>" is invalid in file "<file_name>".

Explanation: The value of this keyword is either too long, an incorrect data type, or in an incorrect format.

User Response: Correct the value and invoke the action again.

DBA6117W   The before-image column "<column_list>" was truncated to "<number>" bytes because the length of the original column was at the database limit before being appended to the before-image prefix "<before_image_prefix>".

Explanation: The length of the column from the original source table was at the database limit. When appended to the before-image prefix, some characters at the end of the column name were

truncated to fit the database limit. This new before-image column name may no longer be unique because the truncated characters may be needed to guarantee a unique name.

User Response: Uncheck the before-image column when the truncated name is not unique and rerun the action.

DBA6118W **Datatypes "<datatype_list>" are not supported on the database "<database>". The datatypes will be converted to "<datatype_list>" in the SQL script.**

Explanation: Some datatypes from the source are not supported on the named database. However, equivalent datatypes could be found on the named database. The generated SQL statements will use the converted datatypes in place of the unsupported datatypes.

User Response: No action is necessary if the converted datatypes are acceptable. If they are not acceptable, uncheck the target columns and rerun the action.

DBA6119W **Datatypes "<datatype_list>" are not supported on the database "<database>". The columns containing these datatypes will be excluded from the SQL script.**

Explanation: Some datatypes from the source are not supported on the named database. No equivalent datatypes could be found on the named database. The generated SQL statements will exclude any columns containing the unsupported datatypes.

User Response: Contact IBM service if you would like to recommend a specific datatype be supported on the named database in the future.

DBA6120W **The source table "<table_name>" was not defined with a primary key. Specify a primary key for the target table in the Target Columns page.**

Explanation: The define subscription action could not find a qualifying primary key for the source table, therefore the define subscription could not determine an appropriate primary key for the target table.

User Response: Specify a primary key for the target table in the Target Columns page of the Advanced notebook.

DBA6121W **An incompatible Java Runtime Environment has been detected. Please verify that the required level of the Java Runtime Environment has been installed.**

Explanation: The installed Java runtime is not supported by the DB2 Java application.

User Response: Refer to the Control Center readme.htm for information on prerequisite Java Runtime Environment levels.

DBA6123E **The requested action cannot be performed because the schema names of the objects exceed ″<number>″ bytes in length.**

Explanation: The data replication components support schema names up to 18 bytes in length. You tried to perform a replication action against objects that have longer schema names. The action cannot be performed.

User Response: Select objects whose schema names are 18 bytes or less, and perform the action again.

DBA6124W The requested action cannot be performed on some of the objects you selected because the schema names of the objects exceed ″<number>″ bytes in length.

Explanation: The data replication components support schema names up to 18 bytes in length. You tried to perform a replication action against some objects that have longer schema names. The action will be performed only on those objects whose schema names are 18 bytes or less.

User Response: No action is required.

DBA6125W The field ″<field>″, contains a schema name exceeding ″<number>″ bytes in length. The schema name will be truncated to ″<number>″ bytes.

Explanation: The data replication components support schema names up to 18 bytes in length. The schema name in the field exceeds 18 bytes and it will be truncated to 18 bytes.

User Response: No action is required. However, you can type a shorter schema name in the field, if you do not want the existing schema name truncated.

DBA7000E The license for "<product-name>" could not be removed. RC = "<return-code>".

Explanation: The license could not be removed. Either the license could not be found in the nodelock file or the nodelock file could not be updated.

User Response: Check the permissions of the nodelock file and that the license exists in it.

The location of the file is platform specific:

- AIX - /var/ifor/nodelock
- Windows NT4/95/98/2000 OS/2 - $DB2PATH/license/nodelock
- All other operating systems - /var/lum/nodelock

DBA7001E The license could not be added to the nodelock file. RC = "<return-code>".

Explanation: There was an error transmitting the license file or installing the license.

User Response: Please check the permissions of the nodelock file. The location of the file is platform specific:

- AIX - /var/ifor/nodelock
- Windows NT4/95/98/2000 OS/2 - $DB2PATH/license/nodelock
- All other operating systems - /var/lum/nodelock

Alternatively you can also add the license using the command line utility db2licm.

If the problem persists please contact IBM Service.

DBA7002E The license certificate is invalid. Please try the command again with a valid license file. RC = "<return-code>".

Explanation: The license certificate contained in the file specified does not contain a valid db2 license or is in an unrecognizable format.

User Response: Please obtain a valid DB2 license certificate from your IBM representative or authorized dealer.

DBA7003W The list of current users could not be retrieved. RC = "<return-code>".

Explanation: The daemon or service that tracks the users is not functioning correctly or has not been started. You must have either the concurrent user policy or registered user policy activated.

User Response: Turn on a either the concurrent user policy or registered user policy and restart all the instances.

If the problem persists contact IBM Service.

DBA7004E   The registered user could not be removed from the registered user list. RC = "<return-code>".

Explanation: The registered user list on the server could not be updated with the changes you have requested.

User Response: Check to make sure the user exists and that this is a valid action for this product. If the problem persists contact IBM Service.

DBA7005E   The registered user could not be added. RC= "<return code>".

Explanation: The registered user list on the server could not be updated with the changes you have requested.

User Response: Check to make sure the username is valid and ensure that the registered user policy is valid for this product. If the problem persists contact IBM Service.

DBA7006E   The license policy could not be updated. RC = "<return code>".

Explanation: The attempt to update the license policy for this product did not succeed.

User Response: Please restart the instance and the License Server using the command db2licd -xxx or on Window NT by using the Services Control Manager.

If the problem persists contact IBM Service

DBA7007E   The statistics regarding license usage could not be retrieved. RC = "<return-code>".

Explanation: Either the statistics are currupt, there was a communication error, or no data is available. Data is generated on connects and disconnects after a policy is updated and the instances are restarted.

User Response: If the statistics are currupt you can remove the statistics database. This will remove all previously collected statistics. The location is platform specific and depends on

where the product is installed.

- UNIX - DB2 installation directory/misc/db2licst
- Windows NT4/95/98/2000 OS/2 -DB2 installation directory\license\db2licst.dat

DBA7008I   The license policy will not take effect fully until the instances are restarted.

Explanation: When the instances are restarted it rereads the license configuration.

User Response: Restart the instances on the server.

DBA7009E   This product "<product>" does not support the specified license policy. RC = "<return-code>".

Explanation: The license policy specified is not available for use with this product.

User Response: Specify a valid license policy.

DBA7010E   The License Center was unable to retrieve a list of products from the specified server. RC = "<return-code>".

Explanation: The list of products on this server could not be obtained.

User Response: Please restart the administration instance and the Control Center and try again. If the problem persists contact IBM Service.

DBA7011E   You do not have proper authority to perform the specified action.

Explanation: The user does not have permission to perform this operation.

User Response: Please login with a userid that has the proper permissions to perform this command.

DBA7012E   No statistics are available for the specified time period.

Explanation: No statistics are available for the time period that you specified.

User Response: Please enter a valid date range where statistics exist.

DBA7013E   The license certificate "<filename>" could not be found. Please try the command again with a valid license file. RC = "<return-code>".

Explanation: The file specified does not exist or cannot be read.

User Response: Please obtain a valid DB2 license certificate from your IBM representative or authorized dealer.

DBA7014E   A general error in the License Center has occured. RC = "<return-code>".

Explanation: Restart the Control Center and the administration instance and try the command again.

User Response: If the problem persists please call IBM Service.

DBA7015E   The license for DB2 OLAP Server cannot be updated. The DB2 OLAP processes are currently active.

Explanation: DB2 cannot update the license for DB2 OLAP Server while DB2 OLAP Server is running.

User Response: To update your OLAP license, please stop all OLAP processes and reinstall this DB2 license.

DBA7100W   The file "<file-name>" could not be opened. The page "<page-name>" in the Information Center, which corresponds to that file, will not be shown.

Explanation: The data for the Information Center is stored in a number of NDX files. The file "<file-name>" might be missing from the correct directory.

If the Information Center is running as a Java applet, the Web server might not be serving the NDX files in a timely fashion.

User Response: Ensure that the NDX files are located in the correct directory as listed below.

Pages in the Information Center and their corresponding NDX files:
- Tasks - db2tasksuc.ndx
- Books - db2booksuc.ndx
- Reference - db2refsuc.ndx
- Troubleshooting - db2msgsuc.ndx
- Sample Programs - db2sampsuc.ndx
- Web - db2webuc.ndx

These files are located in the following directories:
- For Windows and OS/2: \SQLLIB\cc\prime
- For UNIX: /DB2DIR/cc/en_US where DB2DIR
  - is /usr/lpp/db2_07_01 on AIX
  - is /opt/IBMdb2/V7.1 on HP-UX, Solaris, or SGI IRIX
  - is /usr/IBMdb2/V7.1 on Linux

DBA7101E   The Information Center cannot be displayed because none of the Information Center's NDX files can be opened.

Explanation: The Information Center must read at least one NDX file to display any links to DB2 information.

The data for the Information Center is stored in a number of NDX files. The files might not be in the correct directory.

If the Information Center is running as a Java applet, the Web server might not be serving the NDX files in a timely fashion.

User Response: Ensure that the NDX files are located in the correct directory as listed below.

Pages in the Information Center and their corresponding NDX files:

- Tasks - db2tasksuc.ndx
- Books - db2booksuc.ndx
- Reference - db2refsuc.ndx
- Troubleshooting - db2msgsuc.ndx
- Sample Programs - db2sampsuc.ndx
- Web - db2webuc.ndx

These files are located in the following directories:

- For Windows and OS/2: \SQLLIB\cc\prime
- For UNIX: /DB2DIR/cc/en_US where DB2DIR
    - is /usr/lpp/db2_07_01 on AIX
    - is /opt/IBMdb2/V7.1 on HP-UX, Solaris, or SGI IRIX
    - is /usr/IBMdb2/V7.1 on Linux

DBA7102W   The file "<file-name>" is not formatted properly. The following lines were ignored: "<line-numbers>". Ensure that these lines are formatted correctly.

Explanation: Each line in an NDX file must be in the form of a comma-separated list. Here is an example:

`"IBM",1,"IBM Home Page",http://www.ibm.com`

The format of the list is as follows:

1   The name of the entry as it appears in the tree or list of items in the Information Center

2   The number representing the category of this entry

3   The description that appears on the status line when this item is selected

4   The full Web address indicating the location of the entry

User Response: If you have edited this file, ensure that each line is formatted properly as follows:

- The name and description must start and end with double quotation marks.
- The name and description cannot contain any double quotation marks.
- Use commas as separators.
- The first entry in the file is a number corresponding to the number of entries in the file. You must update this number manually if you add or remove entries.

DBA7200E   A maximum of 10 columns can be selected as input to a geocoder.

Explanation: More than 10 columns were selected as input to a geocoder.

User Response: Move column names from the **Selected columns** box to the **Available columns** box until the **Selected Columns** box lists 10 names or fewer.

DBA7201E   The database is not enabled to perform Spatial Extender operations.

Explanation: The database must be enabled for Spatial Extender before you can perform Spatial Extender operations.

User Response: Right-click the database and select **Spatial Extender->Enable** from the menu.

Chapter 6. DBI Messages

This chapter contains the error messages which may be generated during installation and configuration of DB2 products.

DBI1001I **Usage:**

> **db2icrt [-a AuthType]**
> **[-p PortName]**
> **[-s InstType]**
> **[-w WordWidth]**
> **-u FencedID InstName**

Explanation: An invalid argument was entered for the db2icrt command. Valid arguments for this command are:

-h|-? display the usage information.

-d turn debug mode on.

-a AuthType
> is the authentication type (SERVER, CLIENT, DCS, DCE, SERVER_ENCRYPT, DCS_ENCRYPT, or DCE_SERVER_ENCRYPT) for the instance.

-p PortName
> is the port name or port number to be used by this instance.

-s InstType
> is the type of instance to be created (eee, ee, or client).

-u FencedID
> is the name of the user under which fenced UDFs and fenced stored procedures will be run. This flag is not required if only a DB2 client is installed.

-w WordWidth
> is the width, in bits, of the instance to be created (32 or 64). (AIX, Sun) You must have the requisite version of DB2 installed (32-bit or 64-bit) for this to work.

InstName
> is the name of the instance.

User Response: For more information about this command, please refer to the "Quick Beginnings" manual for your platform. Enter the command again as follows:

db2icrt [-a AuthType]
        -u FencedID InstName

DBI1003I **Usage:**

> **dlfmcrt [-b BackupDir]**
> **-p PortName**
> **DLFMAdmin**

Explanation: An invalid argument was entered for the dlfmcrt command. Valid arguments for this command are:

-h|-? display the usage information.

-p PortName is the port name or port number to be used by this instance.

-b BackupDir is the directory to be used to create the backup of the dlfm database in.

DLFMAdmin
> is the name of the DB2 Data Links Manager Administrator.

User Response: Enter the command again as follows:

dlfmcrt -p PortNum DLFMAdmin

DBI1005I   **Usage:**

> **db2idrop InstName**

Explanation: An incorrect argument was entered for the db2idrop command. Valid arguments for this command are:

-h|-?   display the usage information

-d   turn debug mode on.

InstName
> is the name of the instance

User Response: Enter the command again as follows:

db2idrop InstName

DBI1006I   **Usage:**

> **db2idrop [-f] InstName**

Explanation: An incorrect argument was entered for the db2idrop command. Valid arguments for this command are:

-h|-?   display the usage information.

-d   turn debug mode on.

-f   is the force applications flag. If this flag is specified then all applications using the instance will be forced to terminate.

InstName
> is the name of the instance.

User Response: Enter the command again as follows:

db2idrop [-f] InstName

DBI1007I   **Usage:**

> **dlfmdrop DLFMAdmin**

Explanation: An invalid argument was entered for the dlfmdrop command. Valid arguments for this command are:

-h|-?   display the usage information.

DLFMAdmin
> is the name of the DB2 data Links Manager Administrator.

User Response: Enter the command again as follows:

dlfmdrop DLFMAdmin

DBI1008E   **Install media and AIX version mismatch.**

Explanation: Installing DB2 64-bit on AIX requires different CDs for AIX version 4 and AIX version 5.

db2setup has detected that your system is running AIX version 5, but you are installing from the DB2 for AIX version 4 CD.

User Response: Insert the DB2 for AIX version 5 CD and try the installation again.

DBI1009E   **Install media and AIX version mismatch.**

Explanation: Installing DB2 64-bit on AIX requires different CDs for AIX version 4 and AIX version 5.

db2setup has detected that your system is running AIX version 4, but you are installing from the DB2 for AIX version 5 CD.

User Response: Insert the DB2 for AIX version 4 CD and try the installation again.

DBI1011I   **Usage:**

> **db2iupdt [-h|-?] [-d] [-k] [-s]**
> **   [-a AuthType]**
> **   [-w WordWidth]**
> **   [-u FencedID]**
> **   {-e|InstName}**

Explanation: An incorrect argument was entered for the db2iupdt command. Valid arguments for this command are:

-h|-?   display the usage information

-d   turn debug mode on.

-k   keep the current instance type during the update.

-s   ignore existing SPM log directory

-a AuthType
is the authentication type (SERVER, CLIENT, DCS, DCE, SERVER_ENCRYPT, DCS_ENCRYPT, or DCE_SERVER_ENCRYPT) for the instance. The default is SERVER.

-w WordWidth
is the width, in bits, of the instance to be created (32 or 64). (AIX, Sun). Ignored if -e is specified. You must have the requisite version of DB2 installed (32-bit or 64-bit) for this to work.

-u FencedID
is the name of the user under which fenced UDFs and fenced Stored Procedures will be run. This flag is not required if only a DB2 client is installed.

-e   specifies that every instance is updated.

InstName
is the name of the instance.

User Response: Enter the command again with the proper options and arguments.

DBI1012I   **Usage:**

> **db2iupdt [-f] -u FencedID InstName**

Explanation: An incorrect argument was entered for the db2iupdt command. Valid arguments for this command are:

-h|-?   display the usage information

-d   turn debug mode on.

-f   is the force applications flag. If this flag is specified then all applications using the instance will be forced to terminate.

-u FencedID
is the name of the user under which fenced UDFs and fenced Stored Procedures will be run. This flag is not required if only a DB2 client is installed.

InstName
is the name of the instance.

User Response: Enter the command again as follows:

db2iupdt [-f] -u FencedID InstName

DBI1013I   **Usage:**

> **dlfmupdt [-h|-?] DLFMAdmin**

Explanation: An invalid argument was entered for the dlfmupdt command. Valid arguments for this command are:

-h|-?   display the usage information.

DLFMAdmin
is the name of the DB2 Data Links Manager Administrator.

User Response: Enter the command again as follows:

dlfmupdt [-h|-?] DLFMAdmin

DBI1014E   **Instance migration to 32-bit is not supported.**

Explanation: Migration from 64-bit to 32-bit is not supported in this version.

User Response: No actions required.

DBI1015I   **Usage:**

> **db2imigr [-a AuthType] -u FencedID InstName**

Explanation: An incorrect argument was entered. Valid arguments for this command are:

-h|-?   display the usage information

-d   turn debug mode on.

-a AuthType
is the authentication type (SERVER, CLIENT, DCS, DCE, SERVER_ENCRYPT, DCS_ENCRYPT, or DCE_SERVER_ENCRYPT) for the instance.

-u FencedID
>   is the name of the user under which fenced UDFs and fenced Stored Procedures will be run. This flag is not required if only a DB2 client is installed.

InstName
>   is the name of the instance.

User Response: For more information about this command, please refer to the "Quick Beginnings" manual for your platform. Enter the command again as follows:

db2imigr [-a AuthType]
         -u FencedID InstName

DBI1016I   Usage:

>   **db2imigr [-f] [-a AuthType]**
>   **-u FencedID InstName**

Explanation: An incorrect argument was entered. Valid arguments for this command are:

-h|-?   display the usage information

-d   turn debug mode on.

-f   is the force applications flag. If this flag is specified then all applications using the instance will be forced to terminate.

-a AuthType
>   is the authentication type (SERVER, CLIENT, DCS, DCE, SERVER_ENCRYPT, DCS_ENCRYPT, or DCE_SERVER_ENCRYPT) for the instance.

-u FencedID
>   is the name of the user under which fenced UDFs and fenced Stored Procedures will be run. This flag is not required if only a DB2 client is installed.

InstName
>   is the name of the instance.

User Response: For more information about this command, please refer to the "Quick Beginnings" manual for your platform. Enter the command again as follows:

db2imigr [-f] [-a AuthType]
         -u FencedID InstName

DBI1018I   Usage:

>   **db2istop [-h|-?] [-d]**
>   **[-f] InstName**

Explanation: An incorrect argument was entered. Valid arguments for this command are:

-h|-?   display the usage information

-d   turn debug mode on.

-f   is the force applications flag. If this flag is specified then all applications using the instance will be forced to terminate.

InstName
>   is the name of the instance.

User Response: Enter the command again as follows:

  db2istop [-h|-?] [-d] [-f] InstName

DBI1020I   Usage:

>   **db2setup [-h|-?] [-d]**
>   **[-r RespFile]**

Explanation: An incorrect argument was entered. Valid arguments for this command are:

-h|-?   display the usage information.

-d   turn debug mode on.

-r RespFile
>   is the name of the response file which will be used to install DB2.

User Response: Enter the command again as follows:

  db2setup [-h|-?] [-d] [-r RespFile]

DBI1021I   Usage:

>   **db2imigrev [-h|-?] [-m Version]**
>   **InstName**

Explanation: An incorrect argument was

entered. Valid arguments for this command are:

-h|-?   display the usage information.

-d   turn debug mode on.

-m   specify DB2 version.

Version
> is the version the instance will be migrated backward to.

InstName
> is the name of the instance which will be migrated backward from version 7 to the previous version of DB2.

User Response: Enter the command again as follows:

> db2imigrev [-h|-?] InstName

DBI1022I   **Usage:**

> **db2imigrev [-h|-?]**
>   **[-f] InstName**

Explanation: An incorrect argument was entered. Valid arguments for this command are:

-h|-?   display the usage information

-d   turn debug mode on.

-f   is the force applications flag. If this flag is specified then all applications using the instance will be forced to terminate.

InstName
> is the name of the instance which will be migrated backward from version 7 to a previous version of DB2.

User Response: Enter the command again as follows:

> db2imigrev [-h|-?] [-f] InstName

DBI1023I   **Usage:**

> **db2ginfo [-h|-?] [-y]**
>   **[-c InstName**
>   **[-a AuthType]**

>   **[-u FencedID]]**
>   **OutputDir**

Explanation: An invalid argument was entered for the db2ginfo command. Valid arguments for this command are:

-h|-?   display usage information.

-y   executes script (only shows warning otherwise).

-c InstName
> specify instance to test.

-a AuthType
> specify authentication type (SERVER, CLIENT, DCS, DCE, SERVER_ENCRYPT, DCS_ENCRYPT, DCE_SERVER_ENCRYPT).

-u FencedID
> specify fenced user ID.

OutputDir
> is the directory where the output file, dbginfo.txt, will go.

User Response: Enter the command again as follows:

> db2ginfo [-h|-?] [-y]
>   [-c InstName [-a AuthType]
>   [-u FencedID]] OutputDir

DBI1024I   **Usage:**

> **db2iauto [-h|-?] -on|-off**
>   **InstName**

Explanation: An incorrect argument was entered. Valid arguments for this command are:

-h|-?   display the usage information

-on|-off
> enables or disables autostarting of an instance.

InstName
> is the name of the instance.

User Response: Enter the command again as follows:

db2iauto [-h|-?] -on|-off InstName

DBI1025I   Usage:

dasicrt DASName

Explanation: An invalid argument was entered
for the dasicrt command. Valid arguments for
this command are:

-h|-?   display the usage information.

DASName
            is the name of the DB2 Administration
            Server.

User Response: Enter the command again as
follows:

    dasicrt DASName

DBI1026I   Usage:

dlfmfsmd [-h|-?] [-j] dlfsMntPt

Explanation: An invalid argument was entered
for the dlfmfsmd command. Valid arguments for
this command are:

-h|-?   display the usage information.

-j   modify the named filesystem from dlfs
            to jfs on AIX or ufs on Sun

dlfsMntPt
            Mount Point for Data Links Manager
            Filter file system (including the slash: /).

User Response: Enter the command again as
follows:

    dlfmfsmd dlfsMntPt

DBI1027I   Usage:

dasidrop DASName

Explanation: An invalid argument was entered
for the dasidrop command. Valid arguments for
this command are:

-h|-?   display the usage information.

DASName
            is the name of the DB2 Administration
            Server.

User Response: Enter the command again as
follows:

    dasidrop DASName

DBI1028I   Usage:

dasiupdt [-h|-?] DASName

Explanation: An invalid argument was entered
for the dasiupdt command. Valid arguments for
this command are:

-h|-?   display the usage information.

DASName
            is the name of the DB2 Administration
            Server.

User Response: Enter the command again as
follows:

    dasiupdt [-h|-?] DASName

DBI1029I   Usage:

db2nqadm [start|stop]

Explanation: An invalid argument was entered
for the db2nqadm command. Valid arguments
for this command are:

start start all NetQ services and daemon
stop   stop all NetQ services and daemon

You must specify one of the arguments.

User Response: Enter the command again with
the proper argument.

**DBI1030E   Kernel parameter "<name>" must
                be set to "<value>".**

Explanation: DB2 requires certain kernel
parameters to be updated.

User Response:

- Update all necessary kernel parameters as documented in the "Quick Beginnings" manual for your platform.
- Reboot the system
- Try this command again

DBI1031E   **The product you selected requires either DB2 UDB Workgroup Edition, DB2 UDB Enterprise Edition, or DB2 UDB Enterprise - Extended Edition installed first.**

User Response:
- Install either DB2 UDB Workgroup Edition, DB2 UDB Enterprise Edition, or DB2 UDB Enterprise - Extended Edition.
- Try to install the product again.

DBI1032E   **The product you selected can not be installed on AIX with a version less than 4.3**

Explanation: The DB2 product you selected requires an AIX version that is 4.3 or greater.

DBI1033E   **The product you selected requires either DB2 UDB Enterprise Edition or DB2 UDB Enterprise - Extended Edition installed first.**

User Response:
- Install either DB2 UDB Enterprise Edition or DB2 UDB Enterprise - Extended Edition.
- Try to install the product again.

DBI1034W   **Missing prerequisite package.**

Explanation: One of the following packages has been selected for installation: "<pkg-name>" Either the installed "<pkg-name>" fileset level is below "<name>" or it cannot be detected.

User Response: Ensure the "<pkg-name>" fileset is version "<name>" or higher.

Your "<pkg-name>" level will not affect the installation of DB2.

DBI1035E   **Failed to mount file system "<File-System>".**

Explanation: An attempt to mount the specified file system has failed.

User Response: Verify that the file system is defined. Correct any errors from the mount command and try again.

DBI1036E   **Failed to unmount file system "<File-System>".**

Explanation: An attempt to unmount the specified file system has failed.

User Response: Correct any errors from the umount command and try again.

DBI1037E   **File system "<File-System>" does not exist.**

Explanation: The file system specified is not defined on this workstation.

User Response: Define the file system on the workstation and try again.

DBI1038E   **File system "<File-System>" cannot be modified.**

User Response: Ensure that you have write permission to the system file that contains file system definition, and try again.

DBI1039W   **Missing prerequsite package.**

Explanation: One of the following packages has been selected for installation: "<name>" However, the installed "<name>" fileset level is below "<name>"

User Response: Install the "<name>" fileset version "<name>" which is provided on the CD.

DBI1040I   **The translated version of following message is not available on this system.**

User Response: The translated version of following message is not available on this system. Please refer to the "Installation.Notes"

file in the PRODDIR/Readme/LOCALE directory, where PRODDIR is the product directory and LOCALE is the locale name. For example, the product directory is:

```
/usr/lpp/db2_07_01 on AIX
/opt/IBMdb2/V7.1    on Solaris, HP-UX
                    SCO UnixWare, SGI,
                    NUMA-Q
/usr/IBMdb2/V7.1    on Linux
```

DBI1041E   File system "<inputMntPt>" cannot be converted to dlfs.

Explanation: The File-systems "/", "/var", "/usr", and "/tmp" cannot be converted to a dlfs File-system. This has been done to avoid booting problems that may arise by making these dlfs File-systems.

User Response: Run the command again specifying a different File-system.

DBI1042E   Base File-system "<BaseFS>" cannot be changed to dlfs.

Explanation: On Aix, a File-system can be changed to dlfs only if its vfs is fsm or jfs. Dlfs is not supported for any other vfs.

User Response: Run the command again on a jfs or fsm file system.

DBI1043E   The product you selected requires DB2 Administration Client installed first.

User Response:
- Install DB2 Administration Client.
- Try to install the product again.

DBI1050E   Unsupported operating system - "<OS-name>", version "<OS-ver>".

Explanation: Your current operating system is not supported or this version of the operating system is not supported. Refer to the "Quick Beginnings" manual for your platform.

DBI1051E   You cannot execute this program as root.

Explanation: This program can only be run under a non-root user ID.

User Response: Login as an user ID other than root, and issue the command again.

DBI1052E   You must be root to execute this program.

Explanation: This program can only be run under the root user ID. Special privileges are required to execute this program.

User Response: Login as root and issue the command again.

DBI1053E   File system of type "<fsys-type>" is not supported.

Explanation: Creating the instance's home directory on this type of file system is not supported. Instance's home directory must exist either on a local file system or on a NFS mounted filesystem.

User Response: Change the home directory to a supported file system and recreate the instance.

DBI1055E   The message file "<file-name>" cannot be found.

Explanation: The message file required by the instance commands is missing from the system; it may have been deleted or the database products may not be installed properly.

User Response: Verify that the product option containing the message file is installed correctly. If there are verification errors, reinstall the product option.

DBI1057E   Required locale "<locale>" is not available.

Explanation: The required locale directory, /usr/lib/locale/LANG/LC_MESSAGES, does not exist, where LANG is the name of your current locale.

User Response: Verify that the specified locale has been installed correctly. Also check for the read and execute permissions are set correctly on that directory.

DBI1060E **Invalid package name "<pkg-name>".**

Explanation: An incorrect name has been entered. The package either does not exist or the name has been entered incorrectly.

User Response: Check to see if the name of the given package exists on the distribution media. If so, examine the name to see if it has been misspelled. All package names should be in lower case.

DBI1061E **A fileset or package name "<pkg-name>" is missing.**

Explanation: An error occurred when verifying software pre-requisites. The above fileset or package must be installed before using this command.

User Response: Check to see if the name of the given package has been installed on your system.

DBI1062E **A fileset or package name "<pkg-name>" is missing.**

Explanation: The above fileset or package must be installed before using this command.

User Response: Install the fileset or package and then reissue this command.

DBI1063E **PTF or patch "<patch-name>" is missing.**

Explanation: The above PTF or patch must be installed before using this command. This PTF or patch is required to complete this command successfully.

User Response: Install the required PTF or patch and and enter this command again.

DBI1065E **Program "<program-name>" terminated prematurely.**

Explanation: An error has occurred during the execution and that has caused this program to terminate prematurely.

User Response: Correct the problem and try the command again.

DBI1066E **Program "<program-name>" terminated by request.**

Explanation: This program has been terminated by the user.

User Response: Issue the same command to restart the program.

DBI1067E **DB2 Product Library for locale "<locale-name>" is not installed.**

Explanation: No compressed-tar HTML files can be found in the DB2DIR/doc/"<locale-name>"/html directory, where

```
DB2DIR =
 /usr/lpp/db2_07_01 on AIX
 /opt/IBMdb2/V7.1    on HP-UX,
                     Solaris,
                     SCO UnixWare,
                     NUMA-Q
 /usr/IBMdb2/V7.1    on Linux
```

User Response: Install the DB2 Product Library for the required locale and issue this command again.

DBI1068E **There is not enough space to uncompress and un-tar all the HTML file in the directory "<dir-name>".**

Explanation: After uncompress and un-tar, all the HTML files cannot be saved in the above directory because the filesystem is full.

User Response: Increase the size of the filesystem or free up sufficient disk space in the filesystem. Issue the command again.

DBI1069E **Unexpected error. Function = "<fname>", Return code = "<return-code>".**

Explanation: An unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact IBM Support with the following information:

- Message number
- Function name
- Return code
- Problem description

DBI1070I **Program "<program-name>" completed successfully.**

DBI1072I **db2licm failed to update the nodelock file. Refer to the log file "<log-name>" for more information.**

Explanation: db2licm failed to add the license to the nodelock file, so DB2 will run with a Try-and-Buy license until a product license is installed.

User Response: Try the command again and if it continues to fail, manually add the license key to the nodelock file. Refer to the Quick Beginnings guide for more information on licensing.

DBI1079I **Output is saved in the log file "<log-name>".**

Explanation: All processed and failed operations have been saved into this log file.

User Response: Do not modify this file in any way. This file is for IBM Technical Support reference.

DBI1080E **Disk full. Minimum space required in "<dir-name>" is "<KB>" KB, whereas only "<KB>" KB space is available.**

Explanation: There is not enough free space available in the file system or directory.

User Response: Free more disk space and retry the command.

DBI1081E **The file or directory "<file-name>" is missing.**

Explanation: A file or directory that is required to process this command is missing.

User Response: If the file belongs to one of the database products then verify that the product is installed correctly and reinstall the product if necessary. If the file belongs to an instance then the instance may have already been removed or it may be corrupted.

Check to see if the name of the given directory exists on your file system. If so, examine the name to see if it has been misspelled. Note that all file and directory names are case-sensitive on Unix.

DBI1082E **The file or directory "<file-name>" already exists.**

Explanation: A file or directory that the command needs to create already exists.

User Response: Examine the specified file or directory. If the file or directory exists as a result of a previous successful completion of the command then no action is required. Otherwise, you will need to either rename or remove the specified file or directory before trying the command again.

DBI1083E **An attempt to remove "<file-name>" failed.**

Explanation: An error occurred when removing the given file or directory. This may be due to an inappropriate ownership on this given file or directory.

User Response: Adjust the file permissions or ownership of the specified file or directory and then issue the command again.

DBI1084E   An attempt to create "<file-name>" failed.

Explanation: An error occurred when creating the given file or directory.

User Response: Check that there is enough space in the file system and that you have write permission for the required directory. Suggested directory permissions are u=rwx,go=rx.

DBI1085E   An attempt to move the file or directory "<file-name>" to "<file-name>" failed.

Explanation: An error occurred when attempting to relocate the given file or directory. The command could not be processed successfully.

User Response: Determine why the specified file or directory could not be moved and then try the command again.

DBI1086E   An attempt to copy the file or directory "<file-name>" to "<file-name>" failed.

Explanation: An error occurred when attempting to duplicate the given file or directory. The command could not be processed successfully.

User Response: Determine why the specified file or directory could not be copied and then try the command again.

DBI1087E   An attempt to create the link "<filename>" failed.

Explanation: The given link cannot be created. It could be that the write permission on its parent directory has been turned off, or that a file or directory with the same name already exists.

User Response: Check permissions for the parent directory and restart the install process. Suggested directory permissions are u=rwx,go=rx.

DBI1088E   Invalid access permission detected for directory "<directory>".

Explanation: There may be several reasons for this error. It is likely that one of the following situations has occurred:

- Either the given name is not a directory, or it does not have read and execute permission.
- The given directory can be created but cannot be accessed. It could be that the permissions on any of its parent directories in its path have been set incorrectly.

User Response: Check permissions for the given directory and restart the install process. Suggested directory permissions are u=rwx,go=rx.

DBI1089E   Error in saving current instance related information in the "<backup-dir>" directory.

Explanation: There may be several reasons for this error. It is likely that one of the following situations has occurred:

- The given directory does not have sufficient permissions or does not have the write permisssion.
- There is no space left on the filesystem.

User Response: Take an appropriate corrective action and issue the command again.

DBI1090E   An attempt to update "<parameter>" in "<file-name>" failed.

Explanation: An error occurred while updating the given file.

User Response: Verify that all occurances of "<parameter>" are set to "<value>" in "<file-name>".

DBI1091E   An attempt to change permissions for "<directory>" failed.

Explanation: An error occurred when changing permissions on the given file or directory. This

may be due to an inappropriate ownership on this file or directory.

User Response: Check permissions and ownership for the given directory and restart the install process. Suggested directory permissions are u=rwx,go=rx.

DBI1092E **An attempt to change ownership for "<directory>" failed.**

Explanation: An error occurred when changing ownership on the given file or directory. This may be due to an inappropriate ownership on this given file or directory.

User Response: Check ownership for the given directory and restart the install process.

DBI1093E **An attempt to change group ownership for "<directory>" failed.**

Explanation: An error occurred when changing group ownership on the given file or directory. This may be due to an inappropriate ownership on this file or directory.

User Response: Check ownership for the given directory and restart the install process.

DBI1094E **Directory access error.**

Explanation: The tool encountered an access error during an I/O operation with the directory server.

User Response: Ensure the directory server is on-line and accessible over the LAN.

DBI1095W **The file or directory "<name>" cannot be found.**

User Response: Verify that the fileset/package providing the file/directory has been installed.

DBI1096E **The file or directory "<file-name>" already exists.**

Explanation: A file or directory that the command needs to create already exists.

User Response: Examine the specified file or directory. If you no longer need this file or directory, remove it and then run the command again. Otherwise, you will need to either rename or remove the specified file or directory before trying the command again.

DBI1097E **The file or directory "<file-name>" does not exist.**

Explanation: A file or directory that the command requires does not exist.

User Response: If the file or directory does not exist, you may have to install the software that provides the file/directory. If the file or directory does exist, check to see that the PATH variable has been set properly. Once the file or directory is there in your PATH, try the command again.

DBI1100E **An instance lock is found. Another instance management command is running.**

Explanation: The command failed because another instance management command (eg. db2icrt, db2idrop, db2iupdt, or db2imigr) is running. The instance management commands acquire an exclusive lock to avoid conflicting simultaneous commands against the same instance.

User Response: Wait for all other occurrences of the instance commands to finish executing before trying the command again. If no other instance commands are running then delete the file "instance.lock" in one of the following directories:

> /var/db2/v71
> or /var/opt/db2/v71

DBI1101E **The instance name is invalid.**

Explanation: Instance name must be the login name of an existing user and cannot:
1. be more than 8 characters long.
2. start with "sql", "ibm" or "sys".
3. start with a numeral or contain characters other than a-z, $, #, @, _, or 0-9.

User Response: Try the command again with a valid instance name.

DBI1103E   The Administration Server already exists.

Explanation: The system detects that the Administration Server has already been created on your system. You can only create one Administration Server on each system.

User Response: If you want to re-create the Administration Server, you have to drop the Administration Server first before re-creating it.

DBI1104E   The Administration Server cannot be dropped.

Explanation: An attempt to drop the Administration Server failed. The system detects that the Administration Server does not exist or has been created under a different user ID.

User Response: Verify that the name of the Administration Server as reported by the "dasilist" command is correct and try again.

DBI1105E   The DB2 Data Links Manager Administrator already exists.

Explanation: The system detects that the DB2 Data Links Manager Administrator has already been created on your system. You can only create one DB2 Data Links Manager Administrator on each system.

User Response: If you want to re-create the DB2 Data Links Manager Administrator, you have to drop the DB2 Data Links Manager Administrator first before re-creating it.

DBI1106E   The DB2 Data Links Manager Administrator cannot be dropped.

Explanation: An attempt to drop the DB2 Data Links Manager Administrator failed. The system detects that the DB2 Data Links Manager Administrator does not exist or has been created under a different user ID.

User Response: Verify that the name of the DB2 Data Links Manager Administrator as reported

by the "dlfmlist" command is correct and try again.

DBI1107E   The DB2 Data Links Manager Administrator cannot be created.

Explanation: Creating a DB2 Data Links Manager Administrator using DCE requires DFS on your system to be of version 3.1 or higher.

DBI1109E   The kernel parameters must be updated before using this command.

Explanation: Some of the kernel parameters are not configured properly.

User Response:

- Update all necessary kernel parameters as documented in the "Quick Beginnings" manual for your platform.
- Reboot the system
- Try this command again

DBI1111E   The FencedID parameter must be specified using -u flag with this command.

Explanation: The FencedID parameter must be specified with this command. The FencedID parameter is set to the name of the user under which fenced User Defined Functions (UDFs) and fenced Stored Procedures will be run.

User Response: Enter the command again adding the arguments "-u FencedID" where FencedID is the name of the user that you want your fenced UDFs or fenced Stored Procedures to run under.

For security reasons it is recommended that you do not use the instance name as the FencedID. However, if you are not planning to use fenced User Defined Functions (UDFs) or fenced Stored Procedures then setting the FencedID to the instance name may save you the step of having to create another user for the FencedID.

DBI1112E   **The FencedID parameter "<fenced-id>" is not valid.**

Explanation: The FencedID parameter which specifies the user name under which fenced User Defined Functions and fenced Stored Procedures will be run:

- Must be the login name of an existing user.
- Cannot be set to the root or the bin user.

User Response: Try the command again with a valid FencedID parameter.

DBI1113W   **Previous value of FencedID parameter "<old-value>" is different. New value "<new-value>" is ignored.**

Explanation: The FencedID parameter entered on the command line is different from the one used before for this userid. New value for this parameter is ignored.

DBI1115E   **Invalid AuthType parameter "<auth-type>" specified with -a flag.**

Explanation: The AuthType parameter which specifies the authentication type used for the instance is not valid. Valid authentication types are:

- SERVER
- CLIENT
- DCS
- DCE
- SERVER_ENCRYPT
- DCS_ENCRYPT
- DCE_SERVER_ENCRYPT

User Response: Try the command again with a valid AuthType parameter.

DBI1120E   **Instance "<inst-name>" cannot be dropped.**

Explanation: An attempt was made to drop an instance which may still be active.

DBI1121E   **Cannot drop the Administration Server using "db2idrop".**

Explanation: An attempt was made to drop the Administration Server using "db2idrop". This operation is not allowed since it will cause the registry to be in an inconsistent state.

User Response: Use the "dasidrop" command to remove the Administration Server.

DBI1122E   **Instance "<inst-name>" cannot be updated.**

Explanation: An attempt was made to update an instance. This instance cannot be updated because:

- This "db2iupdt" command cannot be used to update this instance.
- The instance is still active.

User Response: Ensure that you are using the correct version of the "db2iupdt" command. Also ensure that there are no db2 processes running at the instance. Retry the command.

DBI1123E   **Cannot update the Administration Server using "db2iupdt".**

Explanation: An attempt was made to update the Administration Server using "db2iupdt". This operation is not allowed since it will cause the registry to be in an inconsistent state.

User Response: Use the "dasiupdt" command to update the Administration Server.

DBI1124E   **Instance "<inst-name>" cannot be migrated.**

Explanation: An attempt was made to migrate an instance. This instance cannot be migrated because:

- The instance is still active.
- Migration of this instance is not supported
- This version of the "db2imigr" command cannot be used to migrate this instance.

User Response: Ensure that instance is ready for migration and you are using the correct

version of the "db2imigr" command. For more information on instance migration, please refer to the "Quick Beginnings" manual for your platform.

DBI1125E   **Cannot drop the DB2 Data Links Manager Administrator using "db2idrop".**

Explanation: An attempt was made to drop the DB2 Data Links Manager Administrator using "db2idrop". This operation is not allowed since it will cause the registry to be in an inconsistent state.

User Response: Use the "dlfmdrop" command to remove the DB2 Data Links Manager Administrator.

DBI1126W   **One or more views may affect database migration.**

Explanation: DB2 has detected some views that are dependent on database entity that has changed. This may cause database migration to fail. Please consult the Release.Notes for user response.

DBI1128E   **Cannot drop the Administration Server using "dlfmdrop".**

Explanation: An attempt was made to drop the Administration Server using "dlfmdrop". This operation is not allowed since it will cause the registry to be in an inconsistent state.

User Response: Use the "dasidrop" command to remove the Administration Server.

DBI1129E   **Cannot update the Administration Server using "dlfmupdt".**

Explanation: An attempt was made to update the Administration Server using "dlfmupdt". This operation is not allowed since it will cause the registry to be in an inconsistent state.

User Response: Use the "dasiupdt" command to update the Administration Server.

DBI1131E   **The user ID "<user-id>" is invalid.**

Explanation: An attempt to access the given user ID failed. One of the following situations has occurred:

- This user ID does not exist on the system.
- The home directory of this user is not set up properly.
- One of the user attributes needed by DB2 is unset.
- The UID of this user is 0

User Response: Make sure a valid user ID with valid home directory, shell, primary group and secondary group has been used. Create a new user if necessary.

DBI1135E   **The primary group "<group-name>" of user ID "<user-id>" is invalid.**

Explanation: The primary group name of the instance user ID cannot:

1. be one of "guests", "admins", "users" or "local".
2. start with "sql" or "ibm".
3. start with a numeral or contain characters other than a-z, $, #, @, or 0-9.

User Response: Change the primary group of the instance user ID to a group with a valid name and then try the command again.

DBI1145W   **An existing Sync Point Manager (SPM) log directory was found.**

Explanation: An existing Sync Point Manager (SPM) log directory was found. This new version of the SPM cannot process the old version of the log. You must verify that there are no indoubt transactions prior to using this new version of the SPM.

User Response:

- If you are not concerned with indoubt transactions, you may continue with instance update by re-issuing the db2iupdt command

with the -s flag. This will create a copy of the sqllib/spmlog directory under sqllib/spmlog50.

- If you are concerned about the existance of indoubt transactions, you need to bring the DB2 product back to the previous version, and then follow the instructions in the product readme regarding indoubt transactions.

DBI1170E The -w flag only accepts 64 or 32 as possible input.

Explanation: When using the db2icrt or db2iupdt command, you can only specify a value of 32 or 64 for the optional flag -w. You specify -w 64 for db2icrt when creating a 64 bit instance. You can also specify -w 64 for db2iupdt when updating a 32 bit instance to become a 64 bit. The -w flag is not needed otherwise.

User Response: Re-issue the command with the proper argument.

DBI1171E DB2 64-bit support is not installed.

Explanation: The DB2 64-bit fixpak has not been installed. Only 32-bit instances may be created.

User Response:
- Re-issue the command without the -w option to create a 32-bit instance.
- Download and install the 64-bit fixpak(s) and then re-issue the command.

DBI1172E While attempting to create or update a 64-bit instance, it was detected that the installed level of one or both of bos.rte.libc and bos.adt.prof is lower than the minimum requirement for 64-bit instances.

Explanation: The installed level of one or both of bos.rte.libc and bos.adt.prof is lower than 4.3.3.50, the minimum required level for supporting 64-bit instances.

User Response: Before proceeding, download

one or both of the following PTFs and update your system.
- For bos.rte.libc, the PTF is U473728.bff
- For bos.adt.prof, the PTF is U473581.bff

Information on downloading PTFs is available from http://www.ibm.com/aix.

DBI1186I Usage:

db2cdbcr [-d] -n CDBName

Explanation: An incorrect argument was entered for the db2cdbcr command. Valid arguments for this command are:

-h|-? display the usage information

-d turn debug mode on.

-n CDBName
CDBName is the name of the Warehouse Control Database you want to create.

User Response: Enter the command again as follows:

db2cdbcr -n CDBName

DBI1187E Unable to complete DB2 Warehouse Control Database setup.

Explanation: An attempt to create the DB2 Warehouse Control Database has failed.

User Response: On an Enterprise Edition installation, try the create database command manually. On an Enterprise - Extended Edition installation, a nodegroup (created on node 0) and a tablespace (both called FLG32K) needs to be created as well. See DB2 DataWarehouse documentation for details.

DBI1200E The directory "<directory-name>" is not a version "<version-number>" instance.

Explanation: The command cannot proceed because the specified directory does not point to

the required version of the database products.

User Response: The command cannot be run with the specified instance.

DBI1202E Migration of instance "<inst-name>" is not supported.

Explanation: The instance cannot be migrated because:

1. Migration from this version of the instance is not supported.

2. The instance is already using the current version of the product and no migration is required.

User Response: Make sure that the instance is valid for migration and then try the command again with a valid instance name.

DBI1205E One or more local databases have been detected that cannot be migrated to the newest version. Check the logfile "<logfile-name>" for the list of errors.

Explanation: Possible errors on the database are:

- Backup pending
- Roll-forward pending
- Database inconsistent
- One or more tablespace is not in normal state
- Database contains database objects that have a schema name of SYSCAT, SYSSTAT or SYSFUN
- Database contains database objects that have a dependency on the SYSFUN.DIFFERENCES function. Possible violated objects are:
  - constraint
  - function
  - trigger
  - view

User Response: Take the following corrective action for each database from the file "<logfile-name>" :

- Backup pending - Perform backup of the database.
- Roll-forward pending - Perform a roll-forward database to end of logs and stop.
- database inconsistent - Restart database to return it to a consistent state.
- Tablespace not in normal state - Perform a roll-forward database.
- Invalid schema - Drop the object and re-create the object with a correct schema name (qualifier). If the object is a table you should first export its data, drop the table, re-create the table with a correct schema name, and then import or load the data to the new table.
- Object having SYSFUN.DIFFERENCES dependency -
  - Constraint - alter table to drop the constraint
  - Function - drop the function
  - Trigger - drop the trigger
  - View - drop the view

DBI1211E Migration of the "<directory-name>" failed.

Explanation: A system error such as running out of disk space or memory has been encountered during the migration of the directory. Instance migration failed.

User Response: Make sure there is sufficient disk space and memory before trying the command again.

DBI1212W Migration of the local database directory on "<path>" failed.

Explanation: The process of migrating local database directory is not complete because of an unexpected error occurred.

User Response: An error file "db2mgdbd.err" and a local database directory backup "sqldbdir/sqldddir.bak" are created in the directory path mentioned above.

Keep these two files and contact IBM service for instruction of possible ways to repair your directory. Without the local database directory,

databases that are catalogued in the local database directory will no longer be accessible.

DBI1220W **Migration of the node directory on "<path>" failed.**

Explanation: The process of migrating node directory is not complete because of an unexpected error occurred.

User Response: Two options to recover:
1. Remove node directry and re-catalog node entry.
2. An error file "db2mgndd.err" and a node directory backup "sqlnodir/sqlnddir.bak" are created in the directory path mentioned above.

   Keep these two files and contact IBM service for instruction of possible ways to repair your directory. Contact IBM services to recover your node directory.

DBI1221W **The node directory is corrupted and cannot be migrated.**

Explanation: Either the node directory files are not the same or the node directory file is corrupted.

User Response: Remove node directry and re-catalog node entry.

DBI1222W **The system database directory is corrupted and cannot be migrated.**

Explanation: Either the primary and backup system database directory files are not the same or system database directory is corrupted.

User Response: Remove system database directry and re-catalog all database entry.

DBI1223W **The local database directory is corrupted and cannot be migrated.**

Explanation: Either the primary and backup database directory files are not the same or the local database directory file is corrupted.

User Response: An error file "db2mgdbd.err" and a local database directory backup

"sqldbdir/sqldddir.bak" are created in the directory path mentioned above.

Keep these two files and contact IBM service for instruction of possible ways to repair your directory. Without the local database directory, databases that are catalogued in the local database directory will no longer be accessible.

DBI1225W **The authentication type of a catalogued local database has been changed.**

Explanation: One or more catalogued database entries were detected that have an authentication type that is different from the authentication type that was specified for the instance. If no action is taken then all catalogued local database entries will assume the authentication type of the instance they belong to.

User Response: Check the file migration.log in the home directory of the instance for a list of the catalogued local database entries that are not the same as the authentication specified for the instance. If you want the database to maintain it's previous authentication type then you can either change the authentication type of the instance or you can move the database to another instance that has the desired authentication type. Before changing the authentication type of the instance, however, you should make sure that you want all the catalogued local database entries to have the new authentication type.

DBI1240E **The database manager could not be started.**

Explanation: The database manager could not be started when attempting to check if catalogued local databases can be migrated.

User Response: Resolve why the database manager could not be started and then try the command again.

DBI1250E   Applications are still using instance "<instance-name>".

Explanation: There are applications that are still running that are using the specified instance. All applications using this instance must be terminated before the command can be completed successfully. You can get a list of the applications that are currently using the instance by issuing the command:

    db2 list applications

User Response: You can either wait for the applications to end by themselves, or you can explicitly force the applications to end. You can logon as the instance owner and run the command

    db2 force application all

Note that some applications may have unexpected behaviour when terminated using the above command. After all the applications have stopped, stop the database manager using "db2istop" command.

DBI1260E   Cannot read from response file.

Explanation: An attempt was made to read from the given response file failed. Ensure that the response file has read access permission and the given path to the response file is correct.

User Response: Correct the access permission and the location of the response file and try again.

DBI1261E   The value is not valid for the keyword.

Explanation: The value specified in the response file is not valid for its corresponding keyword. Refer to the sample response file for a list of valid entries.

User Response: Correct the problem in the following line of the response file and try again.

DBI1262E   Unknown keyword detected in the response file.

Explanation: The given keyword in the response file is not valid. Refer to the sample response file for a list of valid keywords.

User Response: Correct the problem in the following line of the response file and try again.

DBI1264E   Errors were encountered in running "<program-name>". Please refer to the installation log file "<log-name>" for more information.

Explanation: All processed and failed operations have been saved into this log file.

User Response: Do not modify this file in any way. This file is for IBM Technical Support reference.

DBI1266I   Refer to the log file "<log-name>" for more information.

Explanation: All processed and failed operations have been saved into this log file.

User Response: Do not modify this file in any way. This file is for IBM Technical Support reference.

DBI1268E   The fileset "<fileset>" is not available on the installation media.

Explanation: One of the filesets to be installed is not found on the installation media. If the fileset is not located on the installation media then it cannot be installed.

User Response: Ensure that the fileset is located on the installation media. If the fileset is not located on the installation media de-select it and try again.

DBI1270E   Error detected in the response file.

Explanation: An error has been detected when processing the response file. Install cannot be continued unless the problem has been corrected.

User Response: Correct the problem in the following line of the response file and try again.

DBI1278W   Warning issued from the response file.

Explanation: A warning has been raised when processing the response file. DB2 Installer will carry on without stopping.

User Response: If required, correct the problem in the following line of the response file and try again.

DBI1279I   Notice issued from the response file.

Explanation: A notice has been issued when processing the response file. DB2 Installer will carry on without stopping.

User Response: This is for your information only. No action is required.

DBI1281E   The database manager configuration file could not be initialized.

Explanation: An error occurred when attempting to initialize the database manager configuration file. A DB2 Version 7 instance could not be created or migrated.

User Response: Refer to the log file for problem determination. Resolve the problem and try the command again. If the problem persists, please contact IBM Support.

DBI1282E   The database manager configuration files could not be merged.

Explanation: An error was detected when attempting to merge two database manager configuration files. The previous database manager configuration file could not be merged with the new database manager configuration file.

User Response: Check the values in the new database manager configuration file and update the parameters as required.

DBI1283E   Unable to update the communication information for "<instance>".

Explanation: The SVCENAME parameter and/or the DB2COMM registry values could not be updated during instance creation.

User Response: Make sure that the SVCENAME parameter is set to "<profile-name>" in the database manager configuration file and update using

```
 db2 update dbm cfg using
      SVCENAME "<profile-name>"
```

Also update the DB2COMM variable to tcpip by running

```
    db2set  DB2COMM=tcpip
```

DBI1290E   An attempt to create the profile registry "<profile-name>" failed.

Explanation: An error occurred when creating the profile registry. One of the following situations occurred:

- Incorrect access permission on the file containing the profile registry.
- Profile registry is not set up properly.
- There is not enough space on your file system.

User Response: Check the file permissions on the instance list profile in one of the following directories:

```
        /var/db2/v71
 or     /var/opt/db2/v71
```

DBI1291E   The instance "<instance-name>" was not found in the instance list.

Explanation: The specified instance was not found in the instance list.

User Response: Verify that the list of instances as reported by the "db2ilist" command is correct. Retry the command with a valid instance name.

DBI1292E   **The instance "<instance-name>" is already in the instance list.**

Explanation: The instance that is being created or migrated is already in the instance list.

User Response: Use a different instance name that is not part of the instance list as reported by the "db2iset -l" command.

DBI1293E   **There is no DB2 Query Patroller Server set up on this system.**

User Response: If DB2 Query Patroller was not installed via the DB2 Installer, please use the Installer to properly set up an instance for use with the DB2 Query Patroller Server. If one has been set up, then verify that it is recorded in the default.env file, and that the file is world readable. default.env can be found in

        /var/db2/v71
  or   /var/opt/db2/v71

DBI1295E   **The instance list could not be updated.**

Explanation: The instance could not be added to or removed from the instance list. An error has occurred when adding or removing the instance from the instance list. One of the following situations occurred:

- Incorrect access permission on the registry profile.
- Profile registry is not set up properly.
- There is not enough space on your file system.

User Response: Check the file permissions on the instance list profile in one of the following directories:

        /var/db2/v71
  or   /var/opt/db2/v71

DBI1297E   **The instance profile "<profile-name>" could not be updated.**

Explanation: An error occurred when updating the instance profile registry. One of the following situations occurred:

- Incorrect access permissions on the instance profile registry.
- Profile registry is not set up properly.
- There is not enough space on your file system.

User Response: Check the file permissions on the instance list profile in one of the following directories:

        /var/db2/v71
  or   /var/opt/db2/v71

DBI1300N   **db2set displays, sets, or removes DB2 profile variables.**

    db2set [[[variable=[value]]
        [-g|-i instance[
        node-number]]]
        [-all] [-null]
        [-r instance[node-number]]
        [-n DAS node[
        -u user[-p password]]]
        [-l|-lr] [-v] [-ul|-ur]
        [-?|-h]

Explanation: The command options are:

-g   Access the global profile variables.

-i   Specifies the instance profile to use instead of the current or default.

-n   Specifies the remote DB2 Administration Server node name.

-u   Specifies the user ID to use for the Administration Server attachment.

-ul   Access the user profile variables

-ur   Refreshes user profile variables

-p   Specifies the password to use for the admin server attachment.

-r   Resets the profile registry for the given instance

-l   Lists all instance profiles.

-lr   Lists all supported registry variables.

-v   Verbose mode.

-?   Displays the command help message.

-h   Same as -? option.

-all   Displays all occurrences of the local environment variables as defined in:
- The environment, denoted by [e]
- The user level registry, denoted by [u]
- The node level registry, denoted by [n]
- The instance level registry, denoted by [i] and
- The global level registry, denoted by [g]

-null   Sets the variables value to null at the specified registry level to prevent looking up the value in the next registry level as defined in the variable value search order.

Notes:
- db2set with no variable name displays all defined variables.
- db2set <variable> displays <variable>'s value.
- db2set <variable>= (nothing) deletes the <variable>.
- db2set <variable>=<value> modifies the <variable>'s value.
- db2set <variable> -null sets <variable>'s value to NULL.
- db2set <variable> -all displays all defined <variable>'s values.
- db2set -ur refreshes the current user profile.
- db2set <variable> -ul displays defined <variables> at the user level.
- db2set -all displays all defined variables in all registry levels.

DBI1302E   **Invalid parameter detected.**

Explanation: An invalid parameter was used.

User Response: Use the -? option for the usage help message.

DBI1303W   **Variable not set.**

Explanation: The variable was not set in the profile registry.

User Response: No further action is required.

DBI1304E   **Unexpected error.**

Explanation: The tool encountered an unexpected system error.

User Response: Contact your DB2 service representative.

DBI1305E   **The profile registry was not found.**

Explanation: The target machine does not have a profile registry setup.

User Response: Create the registry on the target machine by installing DB2.

DBI1306N   **The instance profile is not defined.**

Explanation: The instance is not defined in the target machine registry.

User Response: Specify an existing instance name or create the required instance.

DBI1307N   **The instance node profile is not defined.**

Explanation: The instance node is not defined in the target machine registry.

User Response: Create the registry by installing the required DB2 product parts.

DBI1308E   **Out of memory condition encountered.**

Explanation: The tool encountered an "out of memory resource" error.

User Response: System is low on memory resources. Terminate non-essential applications or try again later.

DBI1309E   System error.

Explanation: The tool encountered an operating system error.

User Response: A system error was encountered during registry access. Ensure that there is enough space on the file system where the registry is located, and that there is a valid LAN connection if the registry is remote.

DBI1310E   Remote registry access is not supported.

Explanation: The tool does not support the remote registry option.

User Response: Consult the Command Reference on how to access the registry remotely.

DBI1311I   Listing registry instance profiles...

DBI1312I   Listing defined global variables...

DBI1313I   Listing defined instance variables...

DBI1314I   Listing all supported registry variables...

DBI1315W   Unknown message!

DBI1316E   Instance is not MPP.

Explanation: The target instance is not a DB2 MPP instance.

User Response: Choose an MPP instance.

DBI1317E   Instance node already exists.

Explanation: A duplicate instance node already exists.

User Response: Choose a different instance node.

DBI1320W   WARNING:

Explanation: This script is used to gather information useful to IBM Support to debug the problems you may be experiencing. This information may be of a sensitive nature. You may wish to edit the output file, db2ginfo.txt, before sending it to IBM Support.

User Response: To signal your awareness and acceptance of the above warning, run this script with the -y flag specified.

DBI1330W   The action might affect other instances.

Explanation: The file IWH.environment contains global information for all instances. Updating this file might affect all instances. Do you wish to continue?

DBI1332E   Missing template file for IWH.environment.

Explanation: The template file for IWH.environment is needed.

DBI1350I   Usage:

```
dqpsetup
dqpsetup -D DbName
            -t TblSpcName
            -r RsltTblSpcName
            -l TblSpcPath
            [-g NodeGroup]
            [-n NodeNum]
            [-s SizeDMS]
            [-o]
            [-h|-?] InstName
```

Explanation: An incorrect argument was entered. Valid arguments for this command are:

DbName
        name of the database to be used with the DB2 Query Patroller server

TblSpcName
        name of the DB2 Query Patroller table space. The default type is a SMS table space.

RsltTblSpcName
> name of the Result Table Space to be used

TblSpcPath
> full pathname of the tablespace

NodeGroup
> name of the nodegroup that contains the TableSpace for the DB2 Query Patroller server [required for EEE]

NodeNum
> Node number of a single node where the nodegroup is defined on [required for EEE]

-s SizeDMS
> size of the DMS tablespace. Use the -s flag to specify the size for the DMS tablespace

-o overwrites any existing IWM schema objects

InstName
> Name of the Query Patroller Server instance

-h|-? display the usage information

Options marked with [required for EEE] are required on DB2 UDB Enterprise - Extended Edition MPP instances, and are ignored on instances that are not MPP instances, for example, on DB2 UDB Enterprise Edition instances.

If you have migrated this instance from a previous version of DB2 Query Patroller, no parameters are required to simply update the schema to the current schema. If you want to rebuild the schema, removing your old schema objects, you must specify -o as well as all other required parameters.

User Response: Re-enter the command with the proper syntax.

DBI1351E   **You must be the instance owner to run this command.**

Explanation: To run this command, you must be the DB2 Query Patroller Server instance owner.

User Response: Verify that the DB2 Query Patroller Server instance is correctly recorded in the file default.env. Log in as the DB2 Query Patroller Server instance owner and issue the command again. default.env can be found in

> /var/db2/v71
> or /var/opt/db2/v71

DBI1352E   **The instance "<instance-name>" is not an EE or EEE instance.**

Explanation: DB2 Query Patroller Server/Agent must be created on an EE or EEE instance.

User Response: Run this command again using a valid EE or EEE instance name, or you may create and set up a new EE or EEE instance first before running this command again.

DBI1353E   **DB2 Query Patroller Server has been set up on an instance already.**

Explanation: DB2 Query Patroller Server can be set up on one DB2 UDB instance only.

User Response: Run the command dqplist to find out the named of the instance being used as the DB2 Query Patroller Server. If the instance name is correct then there is no need to run dqpcrt to set up a server. For setting up an agent you need to use the correct instance name. If this instance is no longer being used for that purpose, run the command

> dqpdrop inst_name

to remove it. Then re-run the dqpcrt command again.

DBI1354E   The instance "\<instance-name\>" is not an DB2 Query Patroller Server instance.

User Response: Use dqplist to find out the proper server instance name and re-run the command again.

DBI1355I   Usage:

        dqpcrt [-h|-?] \<-s|-a\>
               -p PortName InstName

Explanation: An incorrect argument was entered. Valid arguments for this command are:

PortName
      Port name to be used with the DB2 Query Patroller Server/Agent

InstaName
      name of an instance that is to be designated as an DB2 Query Patroller Server instance

-s   Creating a DB2 Query Patroller Server on the named instance

-a   Creating a DB2 Query Patroller Agent on the named instance.

-h|-?   display the usage information

You must specify either -s or -a, but you cannot specify both. The -a option is only valid on an Enterprise - Extended Edition instance.

User Response: Re-enter the command with the proper syntax.

DBI1356I   Usage:

             dqplist [-h|-?]

Explanation: An incorrect argument was entered. Valid arguments for this command are:

-h|-?   display the usage information

User Response: Re-enter the command with the proper syntax.

DBI1357I   Usage:

          dqpdrop [-h|-?] InstName

Explanation: An incorrect argument was entered. Valid arguments for this command are:

InstName
      name of the instance that you wish to remove the DB2 Query Patroller Server from

-h|-?   display the usage information

This command can only be issued on the node where the DB2 Query Patroller Server was created.

User Response: Re-enter the command with the proper syntax.

DBI1358W   Failed to modify the DB2 Query Patroller profile files.

Explanation: An attempt to update the dqpprofile and/or dqpcshrc files have failed. Possible causes can be

- These files do not exist in the sqllib directory under the instance home directory.
- There is no write permission on these files.
- Failure to create a temporary file in /tmp directory.

User Response: Check the existence and permission on these files. Verify that you can write to /tmp. Issue the command again.

DBI1359E   Unable to remove the DB2 Query Patroller Server from instance "\<instance-name\>".

Explanation: An attempt to remove the DB2 Query Patroller Server from the named instance has failed.

User Response: Manually remove the file sqllib/cfg/dqplevel from the instance owner's home directory. Also edit the file default.env and remove the DQPSERVER line from this file. default.env can be found in

/var/db2/v71
or   /var/opt/db2/v71

DBI1360E   Unable to complete DB2 Query Patroller set up.

Explanation: An attempt to set up the DB2 Query Patroller Server has failed. Possible cause include:

- Failed to create a database for the DB2 Query Patroller Server
- Failed to create a nodegroup on the specified node
- Failed to create a tablespace in the nodegroup

User Response: If the database or the nodegroup creation failed, try to create them manually and re-run the command.

If it failed at creating the table space, check to see that you have write permission to the path you have designated. Try to create the tablespace manually.

DBI1361E   DB2 Query Patroller Server code has not been installed.

Explanation: The DB2 Query Patroller Server code has not been installed, and is required for the current operation to complete.

User Response: Install the DB2 Query Patroller Server code, and try the command again.

DBI1362W   IWM schema objects have been detected.

Explanation: DB2 has detected IWM schema objects, possibly from a previous install of IWM.

User Response: If you wish to keep the existing IWM schema objects, there is nothing to do. If you wish to remove them and re-create new ones, re-issue the dqpsetup command with the -o flag.

DBI1363E   Failed to create IWM schema objects.

Explanation: An attempt to create the IWM schema objects has failed.

User Response: Verify that the files db2_qp_schema and iwm_schema.sql are both in the directory /usr/lpp/db2_07_01/bin.

If both files exist, then the output of the IWM schema creation procedure can be found in /tmp/iwmschcr.log. Correct any error and re-run the dqpsetup command again.

DBI1364E   No previous DB2 Query Patroller schema objects exist.

Explanation: No previous DB2 Query Patroller schema objects exist to be migrated.

User Response: Run dqpsetup again with the correct syntax. Use 'dqpsetup -h' to see the syntax.

DBI1365E   Node number is not defined.

Explanation: The node number is not defined in the db2nodes.cfg.

User Response: Examine the db2nodes.cfg file and make sure the entry you want is there. Enter the command again using the correct node number exactly as recorded in the db2nodes.cfg file.

DBI1366E   The container "<sms_path>" is already in use.

Explanation: The directory named as a container for the tablespace already exists.

User Response: Run the command again using a different path for the container for the tablespace.

DBI1367E   Failed to bind the files listed in "<bind_list>".

Explanation: There was a problem binding the bind files listed in named file(s).

User Response: Perform the binding manually.

DBI1368E   Failed to connect to DQP database "<db2dbdft>".

Explanation: The database likely doesn't exist.

User Response: Specify that you would like to setup a new DQP instance using all the required parameters to dqpsetup. This instance cannot be migrated.

DBI1370W   Unable to modify the .profile or the .login file of user "<inst-name>".

Explanation: DB2 has failed to modify the .profile file or the .login file of this user. These files may not exist, or you may not have write permission to them. Without the modification you need to set your environment manually each time when you log in as this user to use DB2 Query Patroller.

User Response: See the Quick Beginning Guide for more details on how to set the DB2 environment automatically.

DBI1371E   Missing arguments for setting up a Query Patroller Server.

Explanation: A Query Patroller instance must be set up as server when DB2 Query Patroller Server is installed. Therefore the following arguments must be supplied:

1. Node group.
2. Node number.
3. Database name.
4. Tablespace.
5. Result tablespace.
6. Tablespace path.

And optionaly:
DMS Tablespace size.

User Response: Specify the required and/or optional arguments in the response file.

DBI1372E   Cannot set up a Query Patroller server instance.

Explanation: To set up a Query Patroller server instance, you must have DB2 Query Patroller Server installed.

User Response:

• Install DB2 Query Patroller Server.

• If you wish to set up a Query Patroller agent, take out the arguments for node group, node number, database name, tablespace, result tablespace, tablespace path and DMS tablespace size.

DBI1373E   Cannot set up Query Patroller server instance when creating a new EE or EEE instance.

User Response: Create the EE or EEE instance and set up the instance as a Query Patroller server in separate steps.

DBI1374E   Cannot set up node group and node number for a Query Patroller server on a EE instance.

User Response:

• Install EEE if you wish to set up a Query Patroller server on a EEE instance.

• Remove the specification of node group and node number from the response file.

DBI1375E   Cannot set up a Query Patroller instance without EE or EEE installed.

User Response: Install EE or EEE, and DB2 Query Patroller Agent/Server.

DBI1376E   To set up a Query Patroller instance, you need to provide the service name and port number of the IWM user.

User Response:

• If you wish to set up a Query Patroller instance, enter the service name and port number of the IWM user.

- If you do not wish to set up a Query Patroller instance, take out the specification of node group, node number, database name, tablespace, result tablespace, tablespace path and DMS tablespace size from the response file.

DBI1400N   The syntax of the db2licm command is incorrect.

Explanation: The db2licm tool performs basic license functions in the absence of the Control Center. It adds, removes, lists, and modifies licenses installed on the local system:

db2licm [-a filename]
        [-e HARD | SOFT]
        [-p prod-password
        REGISTERED | CONCURRENT |
        MEASURED]
        [-r prod-password]
        [-u prod-password num-users]
        [-n prod-password num-processors]
        [-l]
        [-v]
        [-?]

The command options are:

-a   Adds a license for a product. Specify a file name containing valid license information. This can be obtained from your licensed product CD or contact your IBM representative or authorized dealer.

-n   Updates the number of entitled processors. Specify the number of processors that you are entitled to use this product with.

-e   Updates the enforcement policy on the system. Valid values are: HARD and SOFT. HARD specifies that unlicensed requests will not be allowed. SOFT specifies that unlicensed requests will be logged but not restricted.

-l   Lists all the products with available license information.

-p   Updates the license policy type to use

on the system. The keywords CONCURRENT, REGISTERED, or both can be specified. Alternatively you can also specify MEASURED for DB2 Connect Unlimited products.

-r   Removes the license for a product. After the license is removed, the product functions in "Try & Buy" mode. To get the password for a specific product, invoke the command with the -l option.

-u   Updates the number of user entitlements that have been purchased. Specify the password of the product for which the entitlements were purchased and the number of users.

-v   Displays version information.

-?   Displays help information. When this option is specified, all other options are ignored, and only the help information is displayed.

User Response: Enter the command again using the valid parameters.

DBI1401I   Command line DB2 License Manager.

Explanation: The db2licm tool performs basic license functions in the absence of the Control Center. It adds, removes, lists, and modifies licenses installed on the local system:

db2licm [-a filename]
        [-e HARD | SOFT]
        [-p prod-password
        REGISTERED | CONCURRENT |
        MEASURED]
        [-r prod-password]
        [-u prod-password num-users]
        [-n prod-password num-processors]
        [-l]
        [-v]
        [-?]

The command options are:

-a   Adds a license for a product. Specify a file name containing valid license information. This can be obtained from

your licensed product CD or contact
your IBM representative or authorized
dealer.

-n   Updates the number of entitled
processors. Specify the number of
processors that you are entitled to use
this product with.

-e   Updates the enforcement policy on the
system. Valid values are: HARD and
SOFT. HARD specifies that unlicensed
requests will not be allowed. SOFT
specifies that unlicensed requests will be
logged but not restricted.

-l   Lists all the products with available
license information.

-p   Updates the license policy type to use
on the system. The keywords
CONCURRENT, REGISTERED, or both
can be specified. Alternatively you can
also specify MEASURED for DB2
Connect Unlimited products.

-r   Removes the license for a product. After
the license is removed, the product
functions in "Try & Buy" mode. To get
the password for a specific product,
invoke the command with the -l option.

-u   Updates the number of user
entitlements that have been purchased.
Specify the password of the product for
which the entitlements were purchased
and the number of users.

-v   Displays version information.

-?   Displays help information. When this
option is specified, all other options are
ignored, and only the help information
is displayed.

DBI1402I   License added successfully.

DBI1403I   License removed successfully.

DBI1404N   Product password not found.

Explanation: A license for this product was not
found in the nodelock file.

User Response: Issue this command with the -l
option to check that the product password that
was entered is the correct product password for
the product you want to perform this action on.

**DBI1405I   License policy type updated
                successfully.**

DBI1406N   Invalid license policy type.

Explanation: The license policy type that was
entered was not valid for the product specified.

User Response: Please enter a valid license
policy. Options are:
* CONCURRENT
* REGISTERED

DBI1407N   Invalid license certificate file.

Explanation: License certificate file is not in the
correct format.

User Response: Enter the name of a file with
the correct license certificate format.

**DBI1408N   The file "<file-name>" could not
                be opened.**

Explanation: The file is not found or access to
the file is denied.

User Response: Enter the name of a file that
exists and can be opened and try the command
again.

DBI1409N   Invalid enforcement policy type.

Explanation: The enforcement policy type
specified is not valid for this product.

User Response: Please enter a valid enforcment
policy type that is supported by the specified
product.

**DBI1410I   Concurrent users updated
                successfully.**

DBI1411I   Enforcement policy type updated successfully.

DBI1412W   A hard stop enforcement policy stops the use of the product by unlicensed users when licensing infractions have been exceeded.

DBI1413W   A soft stop enforcement policy logs license infractions, but allows unlicensed users to still use the product.

DBI1414N   The syntax of the db2licm command is incorrect.

Explanation: The db2licm tool performs basic license functions in the absence of the Control Center. It adds, removes, lists, and modifies licenses installed on the local system:

db2licm [-a:filename]
        [-e:HARD | SOFT]
        [-p:prod-password
        REGISTERED | CONCURRENT |
        MEASURED]
        [-r:prod-password]
        [-u:prod-password num-users]
        [-n:prod-password num-processors]
        [-l]
        [-v]
        [-?]

The command options are:

-a   Adds a license for a product. Specify a file name containing valid license information. This can be obtained from your licensed product CD or contact your IBM representative or authorized dealer.

-n   Updates the number of entitled processors. Specify the number of processors that you are entitled to use this product with.

-e   Updates the enforcement policy on the system. Valid values are: HARD and SOFT. HARD specifies that unlicensed

requests will not be allowed. SOFT specifies that unlicensed requests will be logged but not restricted.

-l   Lists all the products with available license information.

-p   Updates the license policy type to use on the system. The keywords CONCURRENT, REGISTERED, or both can be specified. Alternatively you can also specify MEASURED for DB2 Connect Unlimited products.

-r   Removes the license for a product. After the license is removed, the product functions in "Try & Buy" mode. To get the password for a specific product, invoke the command with the -l option.

-u   Updates the number of user entitlements that have been purchased. Specify the password of the product for which the entitlements were purchased and the number of users.

-v   Displays version information.

-?   Displays help information. When this option is specified, all other options are ignored, and only the help information is displayed.

User Response: Enter the command again using the valid parameters.

DBI1415I   Command line DB2 License Manager

Explanation: The db2licm tool performs basic license functions in the absence of the Control Center. It Adds, removes, lists, and modifies licenses installed on the local system:

db2licm [-a:filename]
        [-e:HARD | SOFT]
        [-p:prod-password,
        REGISTERED | CONCURRENT |
        MEASURED]
        [-r:prod-password]
        [-u:prod-password, num-users]
        [-n:prod-password, num-processors]

[-l]
[-v]
[-?]

The command options are:

-a Adds a license for a product. Specify a file name containing valid license information. This can be obtained from your licensed product CD or contact your IBM representative or authorized dealer.

-n Updates the number of entitled processors. Specify the number of processors that you are entitled to use this product with.

-e Updates the enforcement policy on the system. Valid values are: HARD and SOFT. HARD specifies that unlicensed requests will not be allowed. SOFT specifies that unlicensed requests will be logged but not restricted.

-l Lists all the products with available license information.

-p Updates the license policy type to use on the system. The keywords CONCURRENT, REGISTERED, or both can be specified. Alternatively you can also specify MEASURED for DB2 Connect Unlimited products.

-r Removes the license for a product. After the license is removed, the product functions in "Try & Buy" mode. To get the password for a specific product, invoke the command with the -l option.

-u Updates the number of user entitlements that have been purchased. Specify the password of the product for which the entitlements were purchased and the number of users.

-v Displays version information.

-? Displays help information. When this option is specified, all other options are ignored, and only the help information is displayed.

DBI1416N **The license could not be added to the nodelock file automatically.**

Explanation: The return code is "<return-code>".

User Response: Please ensure the license certificate is readable. You may also enter the license into the nodelock file manually. Please see the license file for instructions.

DBI1417N **The license specified could not be removed from the nodelock file.**

Explanation: The return code is "<return-code>".

User Response: Ensure that the license for this product exists in the nodelock file.

DBI1418I **The number of licensed processors on this system has been updated successfully.**

DBI1419N **There was an error updating the number of licensed processors.**

Explanation: The return code is "<return-code>".

DBI1420N **This product does not support this type of license policy.**

Explanation: The license policy specified does not apply to this product or is not supported.

User Response: Please enter a valid license policy.

DBI1421N **This product specified is not installed on this system.**

Explanation: You can not configure a license policy for a product until the product is installed.

User Response: Install the product before running this command or specify the correct product password. To list the products install on the system issue db2licm -l.

DBI1422N   The number of concurrent users was not updated.

Explanation: The return code is "<return-code>".

User Response: Please ensure the concurrent policy is enabled for this product.

DBI1423N   This option requires the creation of an instance.

Explanation: Features that are required to perform this action are only accessible once an instance has been created.

User Response: Please create an instance and issue this command again.

DBI1424N   An unexpected error occured while accessing processor information.

Explanation: The return code is "<return-code>".

User Response: None.

DBI1425E   The license for DB2 OLAP Server cannot be updated. The DB2 OLAP processes are currently active.

Explanation: DB2 cannot update the license for DB2 OLAP Server while DB2 OLAP Server is running.

User Response: To update your OLAP license, please stop all OLAP processes and reinstall this DB2 license.

DBI1500I   Usage:

   db2inst [-f <response-file>]

Explanation: An incorrect argument was entered. The command accepts an optional flag -f which is followed by the path of the "DB2 Installer" response file.

User Response: Re-enter the command with a valid argument.

DBI1501E   An internal error was encountered.

Explanation: An error was detected while performing an internal operation.

User Response: Verify that the file system on which the file resides is not damaged. If the problem persists, contact IBM Support with the following information:

1. Message number
2. Internal error message description
3. Problem description

DBI1502E   An error was encountered when opening or reading from file, "<file-name>".

Explanation: An error was encountered when opening or reading from a file. One of the following errors occurred:

- An I/O error occurred opening or reading from the file.
- An expected value was not found in the file.
- The order of the data in the file is incorrect.

User Response: If the file was modified by the user, verify that the data in the file is valid. If the file was not modified by the user, contact IBM Support with the following information:

1. Message number
2. Message description
3. Problem description

DBI1503E   An error was encountered when opening or writing to file, "<file-name>".

Explanation: An error was encountered when writing data to a file. One of the following errors occurred:

- Incorrect access permissions on a given directory.
- There is not enough space on your file system.

User Response: Check to see if the permissions on the file's parent directory have been set correctly. If the problem persists, contact IBM

Support with the following information:

1. Message number
2. Message description
3. Problem description

DBI1504E   An error occurred opening message files.

Explanation: An attempt to open and read from "DB2 Installer" message catalog files failed. Before DB2 Installer starts up, it looks for two resource files -- db2inst.rcx and db2inst.cat in the following locations:

- DB2 product directory, or
- on the distribution media, or
- environment variables DB2IRCX and DB2ICAT.

User Response: Set the environment variables DB2IRCX and DB2ICAT to the absolute location of db2inst.rcx and db2inst.cat respectively.

DBI1505E   An attempt to allocate memory failed.

Explanation: An error was detected when attempting to allocate memory.

User Response: Terminate other applications running on the system that may be using large amounts of memory. If the problem persists, contact IBM Support with the following information:

1. Message number
2. Message description
3. Problem description

DBI1507E   An instance of the DB2 Installer is already started.

Explanation: An error was detected when attempting to start up the DB2 Installer. Another instance of the DB2 Installer is still running.

User Response: Terminate all instances of the DB2 Installer and restart the install process. If the problem persists, remove the lock file /tmp/.db2inst.lck and restart the DB2 Installer.

DBI1515E   An attempt to allocate resource for a subprocess failed.

Explanation: An error was detected when attempting to startup a subprocess.

User Response: Terminate other applications running on the system that may be using large amounts of resources. If the problem persists, contact IBM Support with the following information:

1. Message number
2. Problem description

DBI1516E   An attempt to terminate a subprocess failed.

Explanation: An error was detected when attempting to terminate a subprocess.

User Response: Terminate other applications running on the system that may be using large amounts of resources. If the problem persists, contact IBM Support with the following information:

1. Message number
2. Problem description

DBI1517E   An attempt to execute a command in a subprocess failed.

Explanation: An error was detected when attempting to execute a command in a subprocess. One of the following problems occurred:

- The command does not exist.
- Incomplete command search path.
- Incorrect access permissions on the command.
- System resource problem.

User Response: Correct the problem and try again. If the problem persists, contact IBM Support with the following information:

1. Message number
2. Problem description

DBI1520E   Minimum terminal display size is 24 x 80.

Explanation: Your current terminal or window size is not large enough. This program requires a minimum terminal display size of 24 lines by 80 columns.

User Response: Check your terminal or window size and try again.

DBI1521E   An attempt to read in the terminal capability information failed.

Explanation: An error was detected when attempting to initialize your terminal display. There are two conditions where this type of error would occur:

- The function cannot find the environment variable TERM or it is unable to find the correct terminfo database entry for the terminal.

- There is not enough memory space available when initializing your terminal display.

User Response: Set your environment variable TERM to a correct terminal type. If the problem persists, try to terminate other applications running on the system that may be using large amounts of memory. If the problem still occurs, contact IBM Support with the following information:

1. Message number
2. Problem description

DBI1522E   An attempt to restore the terminal capability information failed.

Explanation: An error was detected when attempting to restore your terminal display to the original state.

User Response: Set your environment variable TERM to a correct terminal type. If the problem persists, try to terminate other applications running on the system that may be using large amounts of memory. If the problem still occurs, contact IBM Support with the following information:

1. Message number

2. Problem description

DBI1530E   Cannot unpack image file.

Explanation: An error has occurred while unpacking the tar image from the distribution media. One of the following situations has occurred:

- The given path name is a non-existing directory.

- The file system does not have enough space.

- The access permission on the given path is incorrect.

- The tar command was not found in your current search path.

User Response: Restart the install process and retry with a correct path name.

DBI1540E   An invalid distribution media path is specified.

Explanation: An error was detected when attempting to locate the installable images on the distribution media. One of the following errors occurred:

- The file system associated with the given path is not properly mounted.

- An incorrect access permission has been assigned to the given path.

User Response: Check the path and try the command again. Note that all file and directory names in Unix are case sensitive.

DBI1541E   An attempt to open or read from the given status file failed.

Explanation: An error was detected when attempting to open or read from the status file. If the status file has not been modified manually, then one of the following errors occurred:

- An incorrect file path has been specified.

- An incorrect access permission has been assigned to the status file.

- The file system associated with the given path is not properly mounted.

User Response: Check the path and try the

command again. Note that all file and directory names in Unix are case sensitive. If the problem persists, contact IBM Support with the following information:

1. Message number
2. Problem description
3. Status file

DBI1550E   **There is not enough disk space on the file system.**

Explanation: An error was encountered when trying to allocate more disk space on the file system.

User Response: Retry the command after enough space has been freed up for the specified operation.

DBI1570I   **Usage:**

        db2olset InstName

Explanation: An incorrect argument was entered for the db2olset command. Valid arguments for this command are:

-h|-?   display the usage information

-d   turn debug mode on.

InstName
        is the name of the instance you wish to set up to use with the OLAP Starter Kit

User Response: Enter the command again as follows:

db2olset InstName

DBI1631E   **An error was encountered while creating a sample database.**

Explanation: One of the following situations has occurred:

- There is not enough disk space on the file system.
- The DB2 product has not been installed properly, or some of the component files are missing.

User Response: If this is not a disk space problem, try to re-install the product. If the problem persists, turn trace on and retry the steps to create a database through the CLP. Then, save the trace information to a file and contact IBM Support with the following information:

- Message number
- Problem description
- Trace file

DBI1632E   **An error was encountered while configuring to "auto-start" instance.**

Explanation: One of the following situations has occurred:

- The feature to "auto-start" the instance is already enabled.
- An error was encountered while adding an entry to "/etc/inittab" file. This could be a file permission problem.
- There is not enough room on the /etc filesystem to accommodate a new resource file rc.db2.

User Response: If any of the above three situations apply, then correct the problem and retry the command. If the problem persists, contact IBM Support with the following information:

- Message number
- Problem description

DBI1633E   **An error was encountered while removing the configuration to "auto-start" instance.**

Explanation: One of the following situations has occurred:

- The feature to "auto-start" the instance is not enabled.
- An error was encountered while removing an entry to "/etc/inittab" file. This could be a file permission problem.
- The file "/etc/rc.db2" is missing.

User Response: If any of the above three situations apply, then correct the problem and

retry the command. If the problem persists, contact IBM Support with the following information:

- Message number
- Problem description

DBI1634W   Unable to update /etc/rc.db2 to auto-mount dlfs file system.

Explanation: An attempt to update /etc/rc.db2 to enable the auto-mounting of the dlfs file system on system reboot has failed.

User Response: Manually edit the file /etc/rc.db2, and add the following lines to it:

```
if [ -x /etc/rc.dlfs ]; then
    /etc/rc.dlfs
fi
```

DBI1635E   An error was encountered while adding to the Administration Server group list.

Explanation: An error was detected when attempting to add a DB2 instance to the Administration Server group list.

User Response: If you are running this command on an NIS client, try to append the group name of the DB2 instance to the secondary group of the Adminstration Server on your NIS server.

DBI1637W   By clicking OK, your previous settings for the instance will be lost.

User Response: Click OK if you wish to proceed. Otherwise click Cancel.

DBI1639E   Cannot set up a new instance.

Explanation: The given instance name does not belong to an existing instance.

User Response:

- Create a new instance.

- If you are running the interactive installer, from the instance creation panel choose to create a new instance.
- If you are running the response file installer, provide additional information for the user.
- Enter the name of an existing instance.

DBI1640W   The specified instance is not a server instance.

Explanation: Some of the DB2 components can only be configured for DB2 server instances.

User Response:

- If the specified instance is a client instance and DB2 server product is installed, run db2iupdt to update the client instance to a server instance.
- If the specified instance is a Data Link Administration Server, exit the installer and set up the instance from the command line, if you wish to do so.

DBI1651E   The specified UID is invalid.

Explanation: An invalid UID has been entered. One of the following situations has occurred:

- The given UID is already assigned to an existing user on the system.
- The given UID either is too long or consists of invalid characters.
- The given UID less than or equal to 100.

User Response: Retry with a different user ID.

DBI1652E   The specified user name is invalid.

Explanation: An invalid user name has been entered. One of the following situations has occurred:

- The given user name already exists on the system.
- The given user name already exists on the system but under a different group name.
- The given user name either is too long or consists of invalid characters.

User Response: Retry with a different user name.

DBI1653E   The specified group is invalid.

Explanation: An invalid group ID or group name has been entered. One of the following situations has occurred:

- The given group ID already exists but under a different group name on the system, or the given group name already exists but under a different group ID.
- The given group ID or group name either is too long or consists of invalid characters.
- The given group ID is less than or equal to 100.

User Response: Retry with a different group ID or group name.

DBI1654E   The specified directory is invalid.

Explanation: An invalid directory has been entered. One of the following situations has occurred:

- The given user already exists but has a different home directory specified on the system.
- The given directory is either too long or consists of invalid characters.

User Response: Retry with the user's home directory specified on the system or a different directory.

DBI1655E   The specified password is invalid.

Explanation: An invalid password has been entered. One of the following situations has occurred:

- The given password has a length of zero.
- The given password does not match with the verify password.
- The given password contains invalid characters.

User Response: Retry with a different password.

DBI1657E   Instance name already in use.

Explanation: An instance with the same name already exists on your system.

User Response: Verify with the list of instances as reported by the "db2ilist" command. Retry with a different user name.

DBI1701E   One or more of the TCP/IP parameters specified is invalid.

Explanation: One of the following situations has occurred:

- The length of service name exceeds 14 characters.
- The port number specified is out of range. This number must be between 1024 and 65535.

User Response: Correct the problem and try again.

DBI1702E   The specified service name or port number conflicts with existing values in the TCP/IP services file.

Explanation: The service name or port number entered by the user conflicts with existing values in the TCP/IP services file. The service name may already be used with a different port number, or the port number may already be used with a different service name.

User Response: Specify a service name and port number that does not conflict with existing entries in the services file.

DBI1703E   No valid service name or port number found.

Explanation: No valid service name or port number for this instance can be found in the TCP/IP services file. This information is either missing or is invalid.

If you installed "DB2 Extended Enterprise Edition" product, a service name must be specified for the instance before using this command.

User Response: For more information, refer to the "DB2 Enterprise - Extended Edition for UNIX

Quick Beginnings". Specify valid service name and port number for this instance and enter this command again.

DBI1704W   TCP/IP is not running on your system.

Explanation: TCP/IP is not running on your system. TCP/IP services file will not be updated.

DBI1709E   An error was encountered when updating the TCP/IP services file.

Explanation: An attempt to add a service name and port number to the TCP/IP services file failed.

User Response: If the user wishes to use the service name instead of the port number in the node directory entry, the node must be manually uncatalogued and then recatalogued using the service name. The services file must also be updated manually. If Network Information Services (NIS) is being used, the local services file may have been updated but the NIS server must be updated manually. In this case, the node was also catalogued using the port number.

DBI1711E   One or more of the IPX/SPX parameters specified is invalid.

Explanation: One of the following situations has occurred:

- the fileserver, objectname, or ipx_socket parameter is null.
- the fileserver parameter is set to * but objectname is not *.
- the objectname or ipx_socket value specified is not unique.
- the ipx_socket value specified is not in the valid range.

User Response: Correct the problem and try again.

DBI1715E   NetWare User ID or NetWare Password is invalid.

Explanation: The NetWare User ID and NetWare Password that you specify must already

exist and is used to register the DB2 Object Name at a NetWare file server and must have supervisory or equivalent authority.

User Response: Correct the problem and try again.

DBI1720E   The specified User ID or Group ID cannot be added since NIS is running.

Explanation: NIS is running on your system. A new User ID or Group ID cannot be created while you have NIS running on your system.

User Response: Use a previously created User ID or Group ID and try again.

DBI1722E   The specified service cannot be added to the /etc/services file because NIS is running.

Explanation: NIS is running on your system. A new service cannot be added to the /etc/services file while you have NIS running on your system.

User Response: Use a previously created service name and port number from the /etc/services file and try again.

DBI1725W   Cannot create Agent Daemon and Logger services for Data Warehouse Agent.

Explanation: TCP/IP is not running on the system. The install will proceed but you need to create Agent Daemon and Logger services manually.

User Response: Activate TCP/IP on the system and run the installer.

DBI1740W   Security Risk.

Explanation: Using the default instance user ID here allows this instance to have full access permission to other instances on your system. It is highly recommended to use a different user ID for security reasons.

User Response: To avoid the possibility of a security risk, use a different user ID.

DBI1741W   Protocol not detected.

Explanation: You have selected a protocol that
is not detected. DB2 Installer cannot update all of
the protocol's required settings. However, you
can provide values for this protocol's settings.

User Response: No actions required.

**DBI1744W   The DB2 Data Links Manager
Administrator is not created.**

Explanation: You have not created the DB2
Data Links Manager Administrator. Without the
DB2 Data Links Manager Administrator, you
cannot administer the DB2 Data Links Manager.

User Response: No actions required.

**DBI1745W   The Administration Server is not
created.**

Explanation: You have not created a
Administration Server. Without the
Administration Server, you cannot provide
services to support client tools that automate the
configuration of connections to DB2 databases,
and cannot administer DB2 from your server
system or a remote client using the Control
Center.

User Response: No actions required.

DBI1746W   DB2 Instance is not created.

Explanation: You have not created a DB2
Instance. A DB2 Instance is an environment
where you store data and run applications.

User Response: No actions required.

**DBI1747W   The specified directory already
exists.**

Explanation: The directory specified in the
Home Directory field already exists. If you
choose to use this directory you may run into
permission problems.

User Response: Choose a different directory if
this may be a problem.

DBI1750W   Security Risk.

Explanation: Using the default instance user ID
here allows this instance to have full access
permission to other instances on your system. It
is highly recommended to use a different user ID
for security reasons.

User Response:
- Press OK to continue, or
- Press Cancel to enter a different user ID.

DBI1751W   Protocol not detected.

Explanation: You have selected a protocol that
is not detected. DB2 Installer cannot update all of
the protocol's required settings. However, you
can provide values for this protocol's settings.

User Response:
- Press OK to provide protocol settings, or
- Press Cancel to ignore.

**DBI1753W   The Administration Server is not
created.**

Explanation: You have not created an
Administration Server. Without the DB2
Administration Server, Data Warehouse Agent
will not be fully set up.

User Response:
- Press OK to continue, or
- Press Cancel to go back.

**DBI1754W   The DB2 Data Links Manager
Administrator is not created.**

Explanation: You have not created the DB2
Data Links Manager Administrator. Without the
DB2 Data Links Manager Administrator, you
cannot administer the DB2 Data Links Manager.

User Response:
- Press OK to continue, or
- Press Cancel to go back.

DBI1755W   The Administration Server is not created.

Explanation: You have not created a Administration Server. Without the Administration Server, you cannot provide services to support client tools that automate the configuration of connections to DB2 databases, and cannot administer DB2 from your server system or a remote client using the Control Center.

User Response:

- Press OK to continue, or
- Press Cancel to go back.

DBI1756W   DB2 Instance is not created.

Explanation: You have not created a DB2 Instance. A DB2 Instance is an environment where you store data and run applications.

User Response:

- Press OK to continue, or
- Press Cancel to go back.

DBI1757W   The specified directory already exists.

Explanation: The directory specified in the Home Directory field already exists. If you choose to use this directory you may run into permission problems.

User Response:

- Press OK to use this directory, or
- Press Cancel to go back.

DBI1758W   DB2 Instance or Administration Server detected.

Explanation: You have selected to removed the entire DB2 product. However, a DB2 Instance or Administration Server has been detected on your system. If you remove the DB2 product without dropping these instances first, your DB2 Instances may not be able to function properly later on.

User Response:

- Press OK to continue, or
- Press Cancel to go back.

DBI1759W   DB2 Instance or Administration Server configurations detected.

Explanation: You do not have the Administration Server selected. This will cause all of your Administration Server and DB2 Instance configurations to be discarded.

User Response:

- Press OK to continue, or
- Press Cancel to go back.

DBI1760E   To set up "<pkg-name>", you will need to install the package.

Explanation: You have chosen to configure a DB2 component for an instance. You will not be able to do so unless the package is installed.

User Response: Install the package and try again.

DBI1761W   Software pre-requisites violated on fileset or package "<pkg-name>".

Explanation: An error occurred when verifying software pre-requisites on the above fileset or package. Continuing may result in the product not functioning properly. Do you want to continue without installing its pre-requisites?

User Response:

- Press OK to continue without installing its pre-requisites, or
- Press Cancel to abort installation.

DBI1762W   Software dependencies violated on fileset or package "<pkg-name>".

Explanation: An error occurred when verifying software dependencies on the above fileset or package. Continuing may result in removing all of its software dependencies. Do you want to remove its software dependencies?

User Response:

- Press OK to continue, or
- Press Cancel to go back.

DBI1763I   English HTML documentation files will also be installed.

Explanation: The English HTML documentation files are required when you select any non-English HTML documentation files for installation. This is to ensure that users will be able to search the entire DB2 documentation library.

DBI1765W   A non-existing user ID, "<InstName>", has been detected from the registry.

Explanation: The registry is containing a non-existing user ID. This can be caused by just removing the instance user ID without first dropping the instance. This will not affect the normal operation of DB2, but it is recommended to remove this obsolete user ID from the instance list in the registry.

User Response: To remove this user ID from the registry with the command: db2iset -d "<InstName>"

DBI1766W   Cannot change the secondary group list of "<userId>".

Explanation: A code, "<code>", is returned when attempting to change the secondary group list of the given user ID. One of the following situations has occurred:

- NIS is running.
- One or more processes are currently being executed under the given user ID.

User Response: You must add the group ID, "<groupId>", to the secondary group list of the user ID, "<userId>", so that the Adminstration Server can function properly.

- If there happens to be any process run under the given user ID, terminate all of these processes and follow the instructions above to setup the secondary group list of this user ID.

- If you are running this command on an NIS client, try the above instructions to setup the secondary group list of this user ID on your NIS server.

DBI1767W   DB2 registry may contain corrupted information.

Explanation: The registry may contain invalid instance information. This is probably due to the fact that an instance or the Administration Server is not deleted properly before removing the DB2 product. If you are re-installing the product and want to keep the existing instance information in the registry, press Cancel. Otherwise, press OK to re-create the registry. Do you want to re-create the registry?

User Response:

- Press OK to re-create the registry, or
- Press Cancel to keep the current registry information.

DBI1768W   Unable to modify the .profile or the .login file of user "<inst-name>".

Explanation: DB2 has failed to modify the .profile file or the .login file of this user. These files may not exist, or you may not have write permission to them. Without the modification you need to set your environment manually each time when you log in as this user to use DB2.

User Response: Add the following line to the .profile file or the .login file:

. sqllib/db2profile   to the .profile file, or source sqllib/db2cshrc to the .login file

See the Quick Beginning Guide for more details on how to set the DB2 environment automatically.

DBI1769W   Unable to remove DB2 profile entry from the .profile or the .login file of "<inst-name>".

Explanation: DB2 has failed to comment out the DB2 environment setting line in the .profile file

or the .login file of this user. The next time you log in as this user, you may get a message saying that the file db2profile (or db2cshrc) cannot be found. There can be different reasons:

- The two files (.profile and .login) may not exist.
- You may not have write permission on these files.

User Response: If you receive a message concerning missing db2profile or db2chsrc, locate your .profile or .login file and comment out the following:

. sqllib/db2profile   from your .profile file
source sqllib/db2cshrc from your .login file

DBI1770E   Unable to update the file /etc/vfs.

Explanation: The following DB2 Data Links Manager specific entry is required in the /etc/vfs file:

dlfs dlfs_num /sbin/helpers/dlfs_mnthelp none

where dlfs_num is to be set to 12, or some number between 8 and 15 if 12 is already assigned to another fs. The installation process has failed to insert this line into the /etc/vfs file. There may be different reasons:

- You do not have write permission to this file.
- The range 8-15 is all taken up, no number can be assigned to dlfs.

User Response: Manually edit the /etc/vfs file, and add the entry for dlfs into this file.

DBI1771I   File /etc/vfs has been copied to /tmp/.db2.etcvfs.backup.

Explanation: For DB2 Data Links Manager to work, the following line has to be inserted into the /etc/vfs file:

dlfs dlfs_num /sbin/helpers/dlfs_mnthelp none

A backup copy of the original /etc/vfs file has been placed in /tmp/.db2.etcvfs.backup.

DBI1775W   Modified an existing /etc/rc.dlfs file.

Explanation: DB2 has modified an existing /etc/rc.dlfs file with the new dlfs file system mount entry.

User Response: Examine the file /etc/rc.dlfs to ensure that all entries are correct.

DBI1780W   DB2 Data Links Manager is not supported on the version of your current operating system.

Explanation: The version of your current operating system is not supported to run DB2 Data Links Manager. However, you can still install and configure the product at your own risk. The following is a list of supported operating systems for DB2 Data Links Manager:

- "<OSlist>"

DBI1790E   ODSSI utilities have not been installed, unable to create DB2 search index.

Explanation: ODSSI utilities have not been installed. These utilities (config_search, config_view and config_help) are required to create the search index for the DB2 online documentation.

User Response: Install the ODSSI utilities, then run the following commands:

/opt/IBMdb2/V7.1/doc/db2insthtml lang_locale

to create the search index for DB2 documentation in the language locale lang_locale. Note that whenever you install documentation in any language, English documentation is installed as well. So you should also run the following command to index the English files:

/opt/IBMdb2/V7.1/doc/db2insthtml en_US

DBI1791W Possible error in creating/removing DB2 search index for html file.

Explanation: DB2 runs the system utilities config_view and config_help to create or remove DB2 search index to be used with SCOHELP. However, error messages may be returned if there exists other non-DB2 indexes on the system that have not been created/removed properly.

User Response:

• If you were creating the DB2 index, you can start up SCOHELP and check to see if the DB2 entry has been added to the topics panel. Test searching for a string like "TCP/IP" and see if you get any results. If you are able to do the search, DB2 search index has been created successfully.

• If you were removing the DB2 index, you can start up SCOHELP and verify that the DB2 entry has been removed from the topics panel. If the entry is gone, then the DB2 index has been successfully removed.

• If you cannot verify that the DB2 index has been successfully created or removed, contact IBM support.

DBI1792I Creating search index for DB2 documentation files, please wait ...

Explanation: Search index for DB2 documentation files are being created. Depending on the language(s) you have selected, this may take some time.

DBI1793W The user ID "<userID>" is unknown.

Explanation: The specified user is unknown or cannot be found on the current system.

User Response: Please verify that the user exists on this system and try again.

DBI1794E Attempt to put too many icons into one group.

Explanation: An attempt has been made to place more icons into the required folder than

are allowed by the desktop manager.

User Response: Please remove any unnecessary icons from your desktop and retry the command.

DBI1795E There is insufficient free memory to create all the required icons.

Explanation: The icon creation utility ran out of memory during icon generation.

User Response: Close any unnecessary programs and try again.

DBI1796W Attempt to create icons in a directory without proper permissions.

Explanation: This user ID does not have the permissions required to create icons for the requested user.

User Response: Log on as a user with root authority or with the permissions required to create files in the user directory and retry the command.

DBI1797I Icons successfully created.

DBI1900N The Windows NT Cluster support is not accessible.

Explanation: DB2 is unable to access the Windows NT Cluster.

User Response: Ensure the Windows NT Cluster support has been correctly installed and the Cluster Service has been started.

DBI1901N An error occurred when attempting to update the user rights for the DB2/NT cluster service.

Explanation: DB2 encountered an error when attempting to grant the necessary user rights to the account specified for use with the DB2 service.

User Response: Ensure a valid account has been specified and that you have the necessary privilege to grant user rights.

DBI1902N **An error occurred when attempting to update the DB2/NT cluster service configuration.**

Explanation: DB2 encountered an error when attempting to update the DB2/NT cluster service configuration.

User Response: Ensure the Service Database has not been locked and is accessible. Also ensure the DB2/NT Cluster Service has been created.

DBI1903N **An error occurred when accessing the Cluster registry.**

Explanation: DB2 encountered an error when attempting to read or update the Windows NT Cluster registry.

User Response: Ensure the Windows NT Cluster support has been correctly installed and the Cluster Service has been started. Ensure that the current logon user account has sufficient authority to access the Cluster registry.

DBI1904N **The DB2 instance is not Clustered.**

Explanation: DB2 attempted to access an instance to perform cluster operations but the instance was not identified as a DB2 Cluster instance.

User Response: Verify the instance was created with the Cluster options. The instance may be dropped and re-created using the Cluster option but the Node directory, Database Directory, and Database Manager Configuration file will be lost.

DBI1905N **A System Error occurred during a DB2 Cluster operation.**

Explanation: A system error was detected while DB2 was performing a Cluster operation.

User Response: Check to make sure the Windows NT operating system is at the correct level for Cluster Support.

Also ensure the Windows NT Cluster support has been correctly installed and the Cluster Service has been started.

DBI1906N **A error occurred while attempting to add a node to a DB2 Cluster instance.**

Explanation: An error was encountered while attempting to update a node to support a DB2 Cluster instance.

User Response: Ensure the remote system is on-line and accessible over the LAN. Also ensure you have the necessary privilege to update the Registry on the remote system.

DBI1907N **A error occurred while attempting to delete a node from a DB2 Cluster instance.**

Explanation: An error was encountered while attempting to delete a node from a DB2 Cluster instance.

User Response: Ensure the remote system is on-line and accessible over the LAN. Also ensure you have the necessary privilege to update the Registry on the remote system.

A workstation cannot drop cluster support from itself. The instance must be dropped to perform this task.

DBI1908N **A error occurred while attempting create the instance profile on a remote system.**

Explanation: A error was detected while attempting to create the instance profile on a remote system to enable Cluster Support.

User Response: Ensure the remote system is on-line and accessible over the LAN. Also ensure you have the necessary privilege to update the Registry on the remote system.

DBI1909N **A error occurred while attempting delete the instance profile on a remote system.**

Explanation: A error was detected while attempting to delete the instance profile on a remote system to disable Cluster Support.

User Response: Ensure the remote system is

on-line and accessible over the LAN. Also ensure you have the necessary privilege to update the Registry on the remote system.

DBI1910N   Usage : DB2NCRT
-I:<Instance-Name>
-C:<cluster-node>

Explanation: The user specified incorrect arguments to the DB2NCRT command.

User Response: Re-issue the command specifying a clustered instance and a valid workstation name for the cluster node.

DBI1911N   Usage : DB2NLIST
-I:<Instance-Name>

Explanation: The user specified incorrect arguments to the DB2NLIST command.

User Response: Re-issue the command specifying a clustered instance.

DBI1912I   The DB2 Cluster command was successful.

Explanation: The user request was successfully processed.

User Response: No action required.

DBI1913N   Unable to connect to the remote machine registry.

Explanation: DB2 encountered an error when attempting to connect to the Windows NT registry on a remote machine.

User Response: Ensure that the target machine is running and that the computer name specified is correct. Also ensure that the current logon user account has sufficient authority to connect to the remote machine registry.

DBI1914N   Unable to connect to the Cluster registry.

Explanation: DB2 encountered an error when attempting to connect to the Windows NT Cluster registry.

User Response: Ensure that the Windows NT Cluster support has been correctly installed and the Cluster Service has been started.

DBI1915N   The target machine does not belong to the Windows NT Cluster.

Explanation: The command failed for one of the following reasons:

(1)   The db2iclus utility attempted to remove a machine from a DB2 MSCS instance but the target machine had not been added to the DB2 MSCS instance, or

(2)   The db2iclus utility attempted to add a machine to a DB2 MSCS instance but the target machine does not have the required Windows NT Cluster support software installed.

User Response: Follow the action corresponding to the cause of the problem:

(1)   Ensure that the machine is part of the DB2 MSCS instance by running the "db2iclus list" command, or

(2)   Install the Windows NT Cluster software on the target machine and issue the command again.

DBI1916N   The instance name specified is not valid.

Explanation: The instance specified by the instance name parameter does not exist for the local machine.

User Response: To find a list of valid instances, run the db2ilist command. Issue the command again using a valid instance name.

DBI1917N   The DB2 Profile Variable "%1" is not set at the target machine.

Explanation: The required DB2 Profile Variable is not set at the target machine. The command can not continue.

User Response: Contact your IBM service

representative for assistance.

DBI1918N   An error occurred when accessing the Windows NT registry.

Explanation: DB2 encountered an error when attempting to read or update the Windows NT registry of the target machine.

User Response: Ensure that the current logon user account has sufficient authority to access the Windows NT registry of the target machine. If the problem persists, contact your IBM service representative for assistance.

DBI1919N   An error occurred when accessing the TCP/IP services file.

Explanation: DB2 encountered an error when reading or updating the TCP/IP services file.

User Response: Ensure that the services file exists in the system and that the file can be accessed for read and write authority. Also, ensure that the contents of the file are valid and no duplicate of entries exist in the services file.

DBI1920N   The DB2 instance profile path parameter is not valid.

Explanation: DB2 is unable to access the DB2 instance profile path specified because the path does not exists or write access has not been given to the current logon user account.

User Response: Ensure that the path name for the DB2 instance profile points to a valid directory and that the current logon user account has write access to the directory.

DBI1921N   The user account or password is not valid.

Explanation: The user account or the password is not valid.

User Response: Issue the command again with the correct account.

DBI1922N   The host name is not valid.

Explanation: The TCP/IP host name parameter is not valid or does not exist.

User Response: Ensure that TCP/IP is operational on the system. If a domain name server is used, ensure that the domain name server machine is active. Issue the command again using the correct TCP/IP host name.

DBI1923N   The TCP/IP port range parameter is not specified.

Explanation: The db2icrt utility requires the TCP/IP port range to be specified when creating a partitioned database instance if the entries for TCP/IP port range for the instance have not been added to the services file.

User Response: Choose a range of TCP/IP ports that are available for the system and issue the db2icrt command again with the -r option.

DBI1924N   The computer name is not valid.

Explanation: The computer name parameter is not valid

User Response: Ensure that the target machine is running and that the computer name specified is correct. Also ensure that the current logon user account has sufficient authority to connect to the target machine registry.

DBI1925N   Unable to query the status of the DB2 service.

Explanation: DB2 is unable to query the service status for the DB2 service.

User Response: Ensure that the DB2 service exists on the target machine. Ensure that the current logon user account has sufficient authority to query the service status on the target machine.

DBI1926N   The password is expired.

Explanation: The account password has expired.

User Response: Change your password, then retry the request using the new password.

DBI1927N Usage:

> **db2iclus {add | drop | list | migrate }**
> **[/c:Cluster name]**
> **[/p:instance profile path]**
> **[/u:username,password]**
> **[/i:instance name]**

Explanation: Valid arguments for this command are:

add to add an MSCS node to a DB2 MSCS instance

drop to remove an MSCS node from a DB2 MSCS instance

list to list all MSCS nodes that are part of the DB2 MSCS instance

migrate
> to migrate a non-MSCS instance into an MSCS instance

Valid options for this command are:

/c to specify the MSCS cluster name if different from the default/current cluster

/p to specify the instance profile path. This option is required when migrating a non MSCS instance into an MSCS instance

/u to specify the account name and password for the DB2 service. This option is required when adding another MSCS node to the DB2 MSCS partitioned database instance

/i to specify the instance name if different from the default/current instance

User Response: Enter the command again using valid parameters

---

DBI1928N The user account is not specified.

Explanation: When creating a partitioned database instance or adding a node to a partitioned database instance, you must specify the user account parameter. Under the Windows NT environment, each database manager partition (or MPP node) is required to run under a valid Windows NT account to access the network share which contains the instance directory.

User Response: Issue the command again with the -u option to specify the user account name and password.

DBI1929N The instance is already configured for MSCS support.

Explanation: An attempt to migrate an instance into an MSCS instance failed because the the instance is already configured for MSCS support.

User Response: No action required.

DBI1930N The target machine is already part of the DB2 MSCS instance.

Explanation: An attempt to add an MSCS node to the DB2 MSCS instance failed because The target machine is already part of the DB2 MSCS instance.

User Response: No action is necessary.

DBI1931N The database partition server (node) is active.

Explanation: The database partition server can not be dropped or modified because it is active.

User Response: Ensure that the database partition server is stopped before attempting to drop or change it. To stop a database partition server, use the db2stop command as follow:

    db2stop nodenum <node-number>

DBI1932N Can not add the database partition server on a remote machine because the same instance on that machine already exists.

Explanation: The db2ncrt command failed to add a new database partition server on a remote

machine because there is an existing instance on the remote machine.

User Response: If the instance on the remote machine is no longer used, remove the instance by running the db2idrop command on the remote machine.

DBI1933N **The database partition server can not be moved to a new machine because there is existing database(s) in the system.**

Explanation: When the db2nchg command is issued with the /m:machine option, the command will move the database partition server to a new machine. The db2nchg will fail if there is existing database(s) in the system.

User Response: To move the database partition server to a new machine when there is database(s), use the db2start restart command. For more information on the db2start command, refer to the DB2 Command Reference.

DBI1934N **Usage:**

> db2iupdt InstName
> /u:username,password
> [/p:instance profile path]
> [/r:baseport,endport]
> [/h:hostname]

Explanation: An invalid argument was entered for the db2iupdt command. Valid arguments for this command are:

InstName
> the name of the instance

/u to specify the account name and password for the DB2 service. This option is required when creating a partitioned database instance.

/p to specify the new instance profile path for the updated instance.

/r to specify a range of TCP/IP port to be used by the partitioned database instance when running in MPP mode. The services file of the local machine

will be updated with the following entries if this option is specified:

> DB2_InstName   baseport/tcp
> DB2_InstName_END   endport/tcp

/h to override the default TCP/IP hostname if the there are more than one TCP/IP hostname for the current machine.

User Response: Enter the command again using valid arguments.

DBI1935N **The db2iupdt command failed to update the instance directory.**

Explanation: The db2iupdt command failed to update the instance directory because of one of the following reasons:

(1) the db2audit.cfg file is missing from the \SQLLIB\CFG directory.

(2) the db2iupdt command does not have the required authority to create files or sub-directories within the instance directory.

User Response: Ensure that the db2audit.cfg file exists in the \SQLLIB\CFG directory and that the current logon account has sufficient authority to create files and directories in the instance directory. The instance directory is located in \SQLLIB\InstName (where InstName is the name of the instance).

DBI1936N **The db2iupdt command failed to update the database manager configuration file.**

Explanation: The db2iupdt command failed to update the database manager configuration file because the previous database manager configuration file is corrupted or missing. The current instance is in inconsistent state and can not be used.

User Response: Copy the default database manager configuration file to the instance directory then re-submit the command. The instance directory is located in \SQLLIB\InstName. The default database

manager configuration file is named db2systm and can be found in the \sqllib\cfg directory.

DBI1937W   The db2ncrt command successfully added the node. The node is not active until all nodes are stopped and started again.

Explanation: The db2nodes.cfg file is not updated to include the new node until all nodes are simultaneously stopped by the STOP DATABASE MANAGER (db2stop) command. Until the file is updated, the existing nodes cannot communicate with the new node.

User Response: Issue db2stop to stop all the nodes. When all nodes are successfully stopped, issue db2start to start all the nodes, including the new node.

DBI1950W   The instance "<instance-name>" is already in the instance list.

Explanation: The instance that is being created or migrated is already in the instance list.

User Response: Verify that the list of instances as reported by the db2ilist command is correct.

DBI1951W   The instance "<instance-name>" was not found in the instance list.

Explanation: The specified instance was not found in the instance list.

User Response: Verify that the list of instances as reported by the db2ilist command is correct.

DBI1952E   The instance name "<instance-name>" is invalid.

Explanation: The instance name is invalid. It cannot:
1. be more than 8 characters long.
2. start with "sql", "ibm" or "sys".
3. start with a numeral or contain characters other than a-z, $, #, @, _, or 0-9.

User Response: Try the command again with a valid instance name.

DBI1953E   The instance is active.

Explanation: An attempt was made to drop an instance which is active.

User Response: Make sure all applications that are using the instance have finished executing before stopping the instance by issuing a db2stop (from that instance's user ID.)

DBI1954E   The instance name is currently used by the DB2 Admin Server.

Explanation: The instance cannot be created becaused it is currently used by the DB2 Admin Server.

User Response: Try the command again with a different instance name.

DBI1955E   Usage: db2idrop [-h] [-f] InstName

Explanation: An incorrect argument was entered for the db2idrop command. Valid arguments for this command are:

-h   display the usage information

-f   is the force applications flag. If this flag is specified then all applications using the instance will be forced to terminate.

InstName
        is the name of the instance

User Response: Enter the command again as follows:

    db2idrop [-h] [-f] InstName

DBI1956E   Usage: db2ilist [-w WordWidth] [-l]

Explanation: An incorrect argument was entered for the db2ilist command. Valid arguments for this command are:

-h   display the usage information

-w WordWidth
        is the width, in bits, of the instance to be created (32 or 64). (AIX, Sun)

-l   specifies long format.

User Response: Enter the command again as follows:

    db2ilist [-w WordWidth] [-l]

DBI1957E   The syntax of the db2icrt command is incorrect.

Explanation: The db2icrt utility creates a database instance:

db2icrt InstName [-s {eee|ee|client|standalone|
                        satellite}]
                 [-mpp]
                 [-p instance profile path]
                 [-u username,password]
                 [-h hostname]
                 [-c Cluster name]
                 [-r baseport,endport]
                 [-?]

The command options are:

-s   to specify the type of instance created:

    eee   for partitioned database server

    ee   for database server with local and remote clients

    client   for client

    standalone
        for database server with local clients

    satellite
        for satellite database server

-mpp   This option is deprecated and should be replaced by "-s eee" to create a partitioned database instance.

-p   to specify the instance profile path. This option is required when creating a partitioned database instance.

-u   to specify the account name and password for the DB2 service. This option is required when creating a partitioned database instance.

-h   to override the default TCP/IP hostname if the there are more than one TCP/IP hostname for the current machine. The TCP/IP hostname is used when creating the default node (node 0).

-c   to specify the MSCS cluster name. This option is specified to create a DB2 instance that supports MSCS.

-r   to specify a range of TCP/IP port to be used by the partitioned database instance when running in MPP mode. The services file of the local machine will be updated with the following entries if this option is specified:

    DB2_InstName   baseport/tcp
    DB2_InstName_END   endport/tcp

-?   to display help

User Response: Enter the command again using the valid parameters.

DBI1958N   The instance profile cannot be added to the registry.

Explanation: An error occurred when adding the instance profile to the registry. The instance was not created.

User Response: Contact your IBM service representative.

DBI1959N   The instance directory cannot be created.

Explanation: An error occurred when creating the required files or directories for the new instance. The instance was not created.

User Response: Ensure that you have write access to the location where the instance directory is created. The instance directory is created under the path where the product is installed. You may use the DB2INSTPROF Profile Variable to specify a different location for the instance directory.

DBI1960N   The DB2 service cannot be created.

Explanation: An error occurred when registering a DB2 service.

User Response: Ensure you have sufficient authority to create an NT service and the Service Database is not locked, then retry the operation.

DBI1961N   The node key for the new instance cannot be added to the registry.

Explanation: An error occurred when adding a node key for the new instance in the instance profile registry.

User Response: Contact your IBM service representative.

DBI1962N   The new node can not be added to the registry.

Explanation: An error occurred when adding the new node to the instance profile registry.

User Response: Contact your IBM service representative.

DBI1963N   An error occurred when granting the user rights to the account for the instance.

Explanation: When configuring the account for the DB2 Service, the account must be granted the user rights :

1. Act as part of the operating system
2. Create a token object
3. Increase quota
4. Logon as a service
5. Replace a process level token

An error occurred when granting the user rights to the account for the instance.

User Response: If the machine belongs to an NT domain, ensure that the primary domain controller is active and accessible over the network. Otherwise, contact your IBM service representative.

DBI1964N   The logon account cannot be assigned to the DB2 service.

Explanation: An error occurred when assigning a logon account to the DB2 service.

User Response: Ensure user that the user name and the password for the logon account is valid.

DBI1965N   The node ″<node-number>″ was not found in the node list.

Explanation: The specified node was not found in the node list.

User Response: Verify that the node exists by displaying the list of nodes using the DB2NLIST command.

DBI1966N   The node cannot be deleted from the registry.

Explanation: An error occurred when removing the specified node from the instance profile registry.

User Response: Contact your IBM service representative.

DBI1967N   The DB2 service cannot be de-registered.

Explanation: An error occurred when de-registering a DB2 service.

User Response: Ensure that you have sufficient authority to delete an NT service.

DBI1968N   An error occurred when changing the node configuration in the profile registry.

Explanation: An error occurred when changing the node configuration in the profile registry.

User Response: Contact your IBM service representative.

DBI1969N   An error occurred when creating a new file in the instance directory.

Explanation: An internal error occurred when creating a new file in the instance directory.

User Response: Ensure that you have write access to the instance directory.

DBI1970N   An error occurred when reading from or writing to a file in the instance directory.

Explanation: An internal error occurred when reading from or writing to a file in the instance directory.

User Response: Contact your IBM service representative.

DBI1971N   The instance profile cannot be removed from the registry.

Explanation: An error occurred when removing the instance profile from the registry.

User Response: Contact your IBM service representative.

DBI1972N   The instance directory cannot be removed.

Explanation: An error occurred when removing the required files or directories belonging to the specified instance.

User Response: Ensure that you have write access to the location where the instance directory is located.

DBI1973N   An attempt to configure the DB2 service to start automatically failed.

Explanation: An error occurred when setting the DB2 service to start automatically.

User Response: Reboot the machine and try the command again. If the problem persists, contact your IBM service representative.

DBI1974N   The profile variable DB2ADMINSERVER cannot be set in the profile registry.

Explanation: An error occurred when setting the profile variable DB2ADMINSERVER in the profile registry.

User Response: Contact your IBM service representative.

DBI1975N   The environment variable DB2ADMINSERVER cannot be removed from the profile registry.

Explanation: An error occurred when removing the environment variable DB2ADMINSERVER in the profile registry.

User Response: Contact your IBM service representative.

DBI1980W   Unable to create user ID "<userID>" in UPM.

Explanation: The user ID that you provided during product installation could not be created in User Profile Management (UPM). This user ID is required to start the DB2 Administration Server.

User Response: Manually create a user ID and password using UPM and then manually start the DB2 Administration Server. You may need to set the DB2 Administration Server to use this user ID and password combination using the "db2admin" command.

Chapter 7. DB2 Messages

Each message has a message identifier that consists of a prefix (DB2) and a message number. Messages are listed in numeric sequence based on the message number. These messages are generated by the command line processor to alert you when a warning or error condition occurs. Messages are displayed directly on the screen interface. The command line processor returns DB2 and SQL messages.

DB20000r   **The "<command>" command completed successfully.**

Explanation: No errors were encountered during the execution of this command.

User Response: No action required.

DB21001E   **The option "<option-letter>" specified after the 'db2' command or in the DB2OPTIONS variable is incorrect.**

Explanation: The option specified is not supported. The supported options are:

```
Option Description
------ ------------------------------
-a   Display SQLCA
-c   Auto-commit
-e   Display SQLCODE/SQLSTATE
-f   Read from input file
-l   Log commands in history file
-n   Remove new line character
-o   Display output
-p   Display interactive prompt
-r   Save output report to file
-s   Stop execution on cmd error
-t   Set stmt termination character
-v   Echo current command
-w   Display FETCH/SELECT warnings
-x   Suppress printing of column headings
-z   Save all output to file
```

The command cannot be processed.

User Response: Resubmit the command with a valid option.

DB21002E   **The parameter for option "<option-letter>" specified after the 'db2' command or in the DB2OPTIONS variable is missing or incorrect.**

Explanation: The following lists the options with parameters:

```
Option        Description
------        -------------------------
-ec           Display SQLCODE
-es           Display SQLSTATE
-f<filename>  Read from input file
    <filename>
-l<filename>  Log commands in history file
    <filename>
-r<filename>  Save output report to file
    <filename>
-td<x>        Set termination char. to 'x'
-z<filename>  Save all output to file
    <filename>
```

User Response: Resubmit the command with the valid option and parameter.

DB21003E   **The value "<value>" in "<environment-variable>" is not valid.**

Explanation: The value for DB2BQTRY must be between 0 and 4294967295. The value for DB2BQTIME, DB2RQTIME or DB2IQTIME must be between 1 and 4294967295.

User Response: Set the environment variable with the correct value and resubmit the command.

DB21004E   You cannot specify both an input file and a command when invoking the command line processor.

Explanation: You cannot specify both the -f option and a command line command when invoking the command line processor.

User Response: Correct the error and issue the command again.

DB21005E   An error occurred while accessing the file "<filename>".

Explanation: The following could have caused the error:

- file permissions do not allow file access
- the file does not exist

User Response: Correct the error and try again.

DB21006E   The input command is too long. The maximum length is "<length>".

Explanation: The input command cannot exceed the length specified.

User Response: Correct the error and resubmit the command.

DB21007E   End of file reached while reading the command.

Explanation: The last command was not executed because end of file was reached. Terminate the last command with a ';' (or your defined termination character) if the -t option was used. Remove the '\' from the last line in the command if the +t option was used.

User Response: Correct the error and resubmit the command.

DB21008E   Commands can only be entered from the command line processor interactive mode or file input mode.

Explanation: The user attempted to enter a command line processor command from the DOS prompt.

User Response: Use command line processor interactive mode or file input mode.

DB21010I   Help given for "<help-command-phrase>".

Explanation: This message only appears in the history file specified with the -l option.

User Response: No action required.

DB21011I   In a partitioned database server environment, only the table spaces on the current node are listed.

Explanation: Only the table spaces on the current node are visible to the LIST TABLESPACES command.

User Response: To list the table spaces on another node, you must issue the LIST TABLESPACES command on that node.

DB21015E   The command line processor back-end process request queue or input queue was not created within the timeout period.

Explanation: Either the values for the DB2BQTRY and DB2BQTIME environment variables need to be increased or the command line processor back-end program "db2bp" cannot be started. The "db2bp" program must reside in the correct database manager install path and users must have execute permission on the file.

User Response: Correct the error and resubmit the command.

DB21016E **The command line processor encountered a system error while sending the command to the back-end process.**

Explanation: One of the following could have happened:

- The backend process was abnormally terminated.
- A system error occurred when reading from or writing to the back-end process queues.
- A system error occurred when reading from the front-end process output queue.

User Response: Resubmit the command. If the error occurs again, get help from your system administrator.

DB21017E **The command line processor encountered a system error with the front-end process output queue. Reason code = <reason code>.**

Explanation: A system error occurred while creating or reading from the front-end process output queue.

If the reason code is -2499, the command line processor output queue conflicts with an existing queue.

User Response: Resubmit the command. If the error occurs again, record the message number and reason code, and get help from your system administrator.

DB21018E **A system error occurred. The command line processor could not continue processing.**

Explanation: One of the following caused the system error:

- Too much data is being output to the screen. Pipe the output to a file that you can view once processing is complete.
- Command line processor did not successfully install its interrupt signal handler.
- Command line processor did not successfully open the back-end process queues.

- Command line processor did not successfully start up the back-end process.
- The back-end process was abnormally terminated.
- The front-end process did not successfully allocate or free memory.
- Command line processor received one of the following program termination signals:
  – SIGILL
  – SIGTRAP
  – SIGEMT
  – SIGBUS
  – SIGSEGV
  – SIGSYS

User Response: Retry the command. If the problem persists, record the DB2 message number. If the trace was active, save the trace information and contact your technical support with the following information:

- Problem description
- DB2 message number
- SQLCA if possible
- Trace file if possible

DB21019E **An error occurred while accessing the directory "<directory>".**

Explanation: The following could have caused the error:

- directory permissions do not allow access
- the directory does not exist

User Response: Correct the error and resubmit the command.

DB21020E **Unable to create the default message file "<file>".**

Explanation: To properly process this command, CLP needs a file where the messages issued during processing are saved before they are displayed on the console. It attempted to create such a file in a directory normally used for that purpose (such as /tmp on UNIX platforms or ...\TMP on OS/2), but the attempt failed because the directory does not exist.

User Response: Correct the error and resubmit the command.

DB21021E   No Administration Server instance is defined. The command failed.

Explanation: You issued a command that needs to use an Administration Server instance, but no such instance is defined.

User Response: Define an Administration Server instance and resubmit the command.

DB21022E   Unable to switch to Administration Server instance "<instance-name>".

Explanation: You issued a command that needs to use an Administration Server instance. Command line processor tried to switch to Administration Server instance "<instance-name>" but failed. The possible reasons may be:

• The Administration Server instance is not set correctly.
• Command line processor was already attached to a DB2 instance.
• Command line processor was connected to a database.

User Response: Check that a valid Administration Server instance is set up before using this command. Also, you may need to issue the DETACH, or CONNECT RESET, or TERMINATE command before trying your request again.

DB21023E   The command is not valid when executed from Administration Server.

Explanation: You issued one of the following commands: GET DBM CONFIGURATION, RESET DBM CONFIGURATION, or UPDATE DBM CONFIGURATION, but these commands cannot be executed from Administration Server.

User Response: Issue one of the following commands that are valid on Administration Server: GET ADMIN CONFIGURATION, RESET ADMIN CONFIGURATION, or UPDATE ADMIN CONFIGURATION.

DB21024I   This command is asynchronous and may not be effective immediately.

Explanation: This message is displayed after a FORCE command with the ASYNC clause.

User Response: No action required.

DB21025I   Client changes will not be effective until the next time the application is started or the TERMINATE command has been issued. Server changes will not be effective until the next DB2START command.

Explanation: Changes to the database manager configuration parameters become effective only after they are loaded into memory. This typically occurs after a **DB2START** on a server and after the application restarts on a client.

User Response: For the new database manager configuration parameters to become effective, do one or more of the following:

• for user applications: stop and start the application
• for CLP: TERMINATE and reconnect
• for a server: issue DB2STOP and DB2START

DB21026I   For most configuration parameters, all applications must disconnect from this database before the changes become effective.

Explanation: The database configuration command has been successfully processed. However, except for some configuration parameters such as MINCOMMIT, the active database configuration cannot be changed until all applications have disconnected from the database. After the applications disconnect from the database, the first connection to the database will cause the changes to become effective.

User Response: Ensure that all applications disconnect from the database and issue a db2 connect to command. Also, you may want to rebind your packages after the new configuration

parameters take effect so that the new values will be used during the bind.

DB21027E   Isolation level may not be changed while connected to a database.

Explanation: The user attempted to change the isolation level while connected to a database. The command is ignored.

User Response: If a change in isolation level is necessary, disconnect from the current database, then set the isolation level and re-connect to the database.

DB21028E   The cursor "<cursor-name>" has not been declared.

Explanation: The specified cursor needs to be declared before issuing an OPEN, FETCH, or CLOSE SQL statement.

User Response: Declare the cursor and resubmit the command.

DB21029E   The cursor "<cursor-name>" has already been declared and opened.

Explanation: The user attempted to declare a cursor that is open.

User Response: Close the cursor and resubmit the open command.

DB21030E   The cursor "<cursor-name>" has not been opened.

Explanation: The specified cursor needs to be opened.

User Response: Open the cursor and resubmit the command.

DB21031E   The SQL statement using the cursor "<cursor-name>" ("<internal-cursor>") returned:

Explanation: This message shows the internal cursor name for the user defined cursor. Some SQL error messages may show the internal

cursor name. This message is displayed before the SQL message.

User Response: Correct the SQL error and resubmit the command.

DB21032E   You have already declared the maximum number of cursors.

Explanation: Command line processor supports 100 cursors declared with the WITH HOLD attribute and 100 cursors declared without the WITH HOLD attribute.

User Response: Re-declare one of the existing cursors and resubmit the command.

DB21033E   The command is not valid for databases that reside on DRDA hosts.

Explanation: The following commands are not supported for databases that reside on DRDA host servers:

- LIST TABLES
- LIST PACKAGES
- REORGCHK

User Response: Do not issue the command for this database.

DB21034E   The command was processed as an SQL statement because it was not a valid Command Line Processor command. During SQL processing it returned:

Explanation: This message is displayed before the SQL error message. The error may be caused by a syntax error in a non-SQL command.

User Response: Correct the error and resubmit the command.

DB21035E   The maximum number of items in the "<list-name>" list has been exceeded. The maximum number is "<number>".

Explanation: The number of items in the list cannot exceed the maximum specified. This error

may be caused by an invalid range specification.

User Response: Correct the error and resubmit the command.

DB21036E   The "<command>" command failed.

User Response: Retry the command with the trace active. If the problem persists, save the trace information and contact your technical support with the following information:
- Problem description
- DB2 message number
- Trace file

DB21037W   No data sources found.

User Response: There were no ODBC data sources found of the type (USER or SYSTEM) that you specified. Retry the command by specifying the other type (SYSTEM or USER).

DB21040E   "<number>" is not a valid in-doubt transaction number.

Explanation: "<number>" is not one of the listed in-doubt transaction numbers.

User Response: Select one of the listed transaction numbers and resubmit the command.

DB21041W   <number> indoubt transaction(s) not shown.

Explanation: Command line processor could not display all the in-doubt transactions. The number of transactions not displayed is "<number>".

User Response: Finish processing the current list of indoubt transactions in order to reduce the total number of indoubt transactions in the system. Next, reissue the list indoubt transactions command.

DB21042E   You must specify a transaction number.

Explanation: A transaction number must be specified with the commit (c), rollback (r), or

forget (f) in-doubt transaction subcommands.

User Response: Reissue the command with the appropriate transaction number.

DB21043E   "<subcommand>" is not a valid request.

Explanation: The in-doubt transaction subcommand specified is not valid. Valid subcommands are:

```
Subcommand    Description
----------    ----------------------------
c <number>    Heuristically commit the
         in-doubt transaction <number>.
r <number>    Heuristically rollback the
         in-doubt transaction <number>.
f <number>    Heuristically forget the
         in-doubt transaction <number>.
l <number>    List all in-doubt transactions
         or the in-doubt transaction
         <number>.
q             Exit LIST INDOUBT TRANSACTION
         prompting.
```

NOTE: The "f <number>" command is not available in DB2 Extended Enterprise Edition.

User Response: Correct the error and resubmit the command.

DB21044E   Cannot COMMIT transaction number "<number>".

Explanation: The transaction must be in a prepared state (i) when you issue the commit (c) subcommand.

User Response: Issue another command.

DB21045E   Cannot ROLLBACK transaction number "<number>".

Explanation: The transaction must be in a prepared (i) or idle (e) state. when you issue the rollback (r) subcommand.

User Response: Issue another command.

DB21046E **Cannot FORGET transaction number "<number>".**

Explanation: The transaction must be in a heuristically committed (c) or heuristically rolled-back (r) state when you issue the forget (f) command.

User Response: Issue another command.

DB21050E ″**<state>**″ **is not a valid SQLSTATE.**

Explanation: The sqlstate specified is not valid or could not be found. Valid states are numerical and two or five digits in length.

User Response: Resubmit the command using a different state.

DB21051E **The command is not supported for this environment.**

Explanation: The command requested is currently not supported by the command line processor in the environment being used.

User Response: Resubmit the command on a different platform or within a different environment.

DB21052I ″**<command>**″ **has been submitted for execution.**

Explanation: The command line processor is attempting to execute the indicated command. It will be unable to determine whether the command has completed successfully.

User Response: If the command appears unsuccessful, submit it from outside the command line processor.

DB21053W **Automatic escalation will occur when you connect to a database that does not support <isolation-level>.**

Explanation: Isolation levels are database dependent. Some, like NC, are only supported by specific databases. If you select an isolation level that is not supported by the database you are connecting to, it will automatically escalate to a supported level.

User Response: Connect to a database that supports the isolation level you have selected, or select a different isolation level.

DB21054E **The command line processor encountered a system error with the <command> command. Reason code = <reason code>.**

Explanation: The command line processor was unable to get enough memory to process your command. A system error occurred while processing it.

```
Reason
code  Description    Syntax
----  -------------- -------------------
1     Data file      LOAD FROM
      file/pipe/dev...
2     Lob data       LOBS FROM
      lob-path...
3     Directory      USING directory...
4     Source         FROM dir/dev...
5     Target         TO dir/dev...
6     Tablespace     TABLESPACE
      tblspace-name...
7     Tblspace-def   MANAGED BY...
8     Container data USING (PATH...,
      PATH...)
        or
      USING (
      {FILE|DEVICE}...,
      {FILE|DEVICE}...)
9     Log path       log-directory ...,
      log-directory ...
10    Node list      node-number ...,
      node-number ...
```

User Response: Correct the error and resubmit the command.

DB21055W **Command not valid for type 2 connections.**

Explanation: The information returned by the GET CONNECTION STATE command does not apply to type 2 connections.

User Response: Issue QUERY CLIENT to verify CONNECT = 1.

DB21056W Directory changes may not be effective until the directory cache is refreshed.

Explanation: If directory caching (DBM CFG dir_cache) is enabled, database, node, and DCS directory files are cached in memory. Directory changes may not become effective until the directory cache is refreshed. Refer to the dir_cache configuration parameter in the ADMIN guide for a description on directory caching.

User Response: To refresh CLP's directory cache, issue a db2 TERMINATE. To refresh the directory information for another application, stop and restart that application. To refresh the directory information for the database, stop (db2stop) and restart (db2start) the database.

DB21057E Invalid tape device specified.

Explanation: The tape device passed to the operating system was not accepted. On Windows NT it must be of the form ″\\.\TAPEx″ where x represents the drive number (0 is the first).

User Response: Reissue the command specifying a valid tape device.

DB21058E Invalid tape position specified.

Explanation: The tape mark position specified is not valid. On Windows NT the first tape position to which a backup is record is 1. Subsequent backup images begin at tape mark 2 and so on.

User Response: Reissue the command specifying a valid tape position.

DB21059E Invalid tape blocksize specified.

Explanation: The tape mark blocksize specified is not in the range supported by the tape device. In addition, for backup/restore to work it must also be a factor of or multiple of 4096.

User Response: Reissue the command specifying a valid tape size.

DB21060E General tape failure.

Explanation: An unexpected return code was returned from the tape operation.

User Response: Resubmit the command. If the error occurs again, get help from your system administrator.

DB21061E Command line environment not initialized.

Explanation: You have tried to invoke the command line processor from a command window that was not started by db2cmd.exe.

User Response: Issue DB2CMD to start a command window that has the command line processor environment initialized.

DB21080E No previous RESTORE DATABASE command with REDIRECT option was issued for this database alias, or the information about that command is lost.

Explanation: You have tried to run the RESTORE DATABASE command with the CONTINUE or ABORT option. However, either you didn't previously issue a RESTORE DATABASE command with the REDIRECT option, or you did issue such a command but for a different database alias than the one specified on the failing command. Another possible cause for this message could be that the information about a correctly issued previous RESTORE DATABASE ... REDIRECT command was lost. This can happen if the CLP back-end process terminates abnormally, or if you issue the TERMINATE command.

User Response: Restart the whole redirected restore process by issuing the RESTORE DATABASE ... REDIRECT command and SET TABLESPACE CONTAINERS commands again. Then issue the RESTORE DATABASE ... CONTINUE command.

DB21081E   **No sections were found in the db2cli.ini file.**

Explanation: You have tried to list CLI parameters in the db2cli.ini file by using the GET CLI CONFIGURATION command, but the file is empty. There are no sections in that file.

User Response: To update the db2cli.ini file, use the UPDATE CLI CONFIGURATION command.

DB21082E   **You don't have enough authority to run the UPDATE CLI CONFIGURATION command.**

Explanation: You need to have SYSADM authority to run this command.

User Response: Obtain the necessary authority from your database administrator, then issue the command again.

DB21083E   **Section <section> not found.**

Explanation: Section <section> was not found in the db2cli.ini file.

User Response: Specify an existing section and issue the command again.

DB21084E   **NEW and CONFIRM passwords not the same.**

Explanation: You were using the ATTACH or CONNECT command and specified that you wanted to change your password. The new password needs to be specified twice, by using the NEW and CONFIRM clauses, or by responding to the prompts. The two passwords you specified as your new password were different.

User Response: Specify the same password twice.

DB21085I   **Instance "<instance_name>" uses DB2 code release "<rel_ver_mod>" with level identifier "<level_id>" and informational tokens "<build_id1>", "<build_id2>" and "<build_id3>".**

Explanation: This message is the output of the db2level command and provides detailed information about the code level of a given DB2 instance. The information may be request by DB2 service personnel to aid in resolving problems.

User Response: Record all displayed information to provide to DB2 service personnel.

The db2level executable should not be copied from one machine to another. Only DB2 installation and service maintenance programs should manipulate this file.

The db2level executable will not display information about private test fixes that the customer has received from DB2 service personnel and installed on top of an officially supported service level.

DB21086I   **The incremental RESTORE operation of this backup image completed successfully, but there are additional backup images that must be restored to complete the entire incremental RESTORE operation.**

Explanation: To complete an incremental RESTORE operation, every incremental backup image in its restore chain must be restored. The current operation succeeded, but there are additional backup images that must be restored before the overall RESTORE operation is complete.

User Response: Restore the next backup image.

DB21100E   **Stored procedure "<procedure-name>" exists in multiple schemas.**

Explanation: The specified procedure name was found in more than one schema.

User Response: Re-issue the CALL command with a fully qualified procedure name ("<schema>"."<procedure-name>").

DB21101E   **Too few command line parameters specified for the stored procedure.**

Explanation: More command line parameters are required for the stored procedure definition.

User Response: Verify the command line parameters and re-issue the command.

DB21102E   **Error occurred while allocating the environment handle. sqlrc = "<rc>"**

Explanation: DB2 failed to allocated the enviroment handle.

User Response: Retry the command. If the problem persists, contact your technical support representative.

DB21103W   **Too many input parameters specified (expected "<quantity>").**

Explanation: There are too many command line parameters specified for the stored procedure. The parameters after the expected quantity are ignored.

User Response: Verify the stored procedure parameters.

DB21600N   **The ″<command>″ command did not complete successfully.**

Explanation: Errors were encountered during the execution of this command.

User Response: Contact your technical service representative. Information in the db2diag.log file will enable your service representative to determine the cause of the failure.

DB29320W   **Output has been truncated.**

Explanation: The full query result cannot be fetched as supplied. Command line processor output can be a maximum of MAX_STATETMENT_SIZE characters. However

the output of any particular column cannot exceed MAX_COLUMN_SIZE characters in length.

User Response: The CLP query can be rewritten to fetch a shorter string. Use of another interface to DB2 can also help in overcoming the CLP's limitation.

DB29501E   **DB2 has detected an inconsistent environment. Please investigate the following : ″<error>″**

Explanation: An error in the operating environment has been detected.

User Response: This error may arise due to an inconsistent DB2 or operating system environment. Attempt to correct the problem identified in the error message and re-issue the command.

DB29502E   **An incompatible Java Runtime Environment has been detected. Please verify that the required level of the Java Runtime Environment has been installed. The Java application may be launched using the Java runtime installed with DB2.**

Explanation: The installed Java runtime is not supported by the DB2 Java application.

User Response: The installed DB2 Java runtime will be used to launch the DB2 Java application. Other Java applications using the installed Java runtime should be terminated prior to executing the DB2 Java application to ensure correct behaviour.

DB29503E   **Connections to multiple databases is not supported.**

Explanation: You cannot connect to more than one database.

User Response: Connect to only one database.

DB29504E Connections to multiple users is not supported.

Explanation: You cannot connect to more than one user.

User Response: Connect to only one user.

DB29526E You cannot drop this table; it does not exist. Please select a job that has results, and try again, or select a recurring job that is scheduled and try again.

Explanation: A request was made to drop a result table for a job which did not have an associated result table.

User Response: Select a job that has a results or select a recurring job that is scheduled and try again.

DB29543E Resource DLL rqsres.dll not found.

Explanation: Resource DLL rqsres.dll could not be loaded succesfully.

User Response: During initialization of DB2 Query Patroller Recurring Query Scheduler the resource DLL rqsres.dll could not be loaded as it was either damaged or deleted. Please reinstall DB2 Query Patroller QueryEnabler.

DB29544E Resource DLL qeres.dll not found.

Explanation: Resource DLL qeres.dll could not be loaded succesfully.

User Response: During initialization of DB2 Query Patroller QueryEnabler the resource DLL qeres.dll could not be loaded as it was either damaged or deleted. Please reinstall DB2 Query Patroller QueryEnabler.

DB29545E Name invalid: Query Name can only be 20 characters or less in length. Please change the name accordingly and retry.

Explanation: A name for a query was specified which was longer than 20 characters.

User Response: Specify a query name that has at most 20 characters.

DB29546E Name invalid: Query Name can only contain alphanumeric characters and spaces...("a..z", "A..Z", "0..9"). Please change the name accordingly and retry.

Explanation: A name for a query was specified which contained non-alphanumeric charcters.

User Response: Specify a query name composed of only alphanumeric charcaters.

DB29608E Script Load Failed.

Explanation: Script files required by DB2 Query Patroller Tracker could not be found.

User Response: Please reinstall DB2 Query Patroller Tracker.

DB29610E Could not load the ODBC Driver Manager.

Explanation: The ODBC driver dll ODBC32.DLL could not be loaded.

User Response: The ODBC driver dll ODBC32.DLL could not be loaded as it was damaged or destroyed. Please reinstall ODBC.

DB29611E Three login attempts failed! Exiting Tracker!

Explanation: DB2 Query Patroller Tracker requires to connect to the ODBC Data Source specified on the login dialog. The userid, password combination specified on the login dialog was not authorized to connect to the specified database.

User Response: Please relaunch DB2 Query Patroller Tracker and provide a valid userid password combination for the ODBC Data source specified on the login dialog.

DB29613E Resource DLL tkres.dll not found.

Explanation: DB2 Query Patroller Tracker requires the resource dll tkres.dll for successful

operation. The dll could not be loaded.

User Response: During initialization of DB2 Query Patroller Tracker the resource DLL tkres.dll could not be loaded as it was either damaged or deleted. Please reinstall DB2 Query Patroller Tracker.

DB29700E **The application programming interface "<program>" did not complete successfully for object "<name>" with reason code "<name>". Try again or contact your local support.**

Explanation: An application programming interface call did not complete.

User Response: Try the operation again or contact your system administrator.

DB29701E **Class "<class name>" not found. Please check you classpath.**

Explanation: The "<class_name>" cannot be located in the specified classpath.

User Response: Verify the classpath is correct. If you are using QueryAdmin.bat or QueryMonitor.bat please check the classpath setting in the batch file.

DB29702E **User "<userID>" does not have administrative authority to use QueryAdministrator.**

Explanation: User "<userID>" does not have Administrative authority defined in the **DB2 Query Patroller** User Profile table.

User Response: Have a **DB2 Query Patroller administrator** ensure that "<userID>" has the authorization necessary to perform the operation.

DB29703E **User "<userID>" is not defined in User Profile.**

Explanation: User "<userID>" is not defined in the **DB2 Query Patroller** user profile table.

User Response: Have a **DB2 Query Patroller**

administrator ensure that "<userID>" is defined in the User Profile table.

DB29704E **User iwm cannot be removed.**

Explanation: User iwm is the mandatory userid needed for **DB2 Query Patroller** so it cannot be removed.

User Response:

DB29705W **Invalid value entered for "<column-name>". Valid ranges are from "<minimum_value>" to "<maximum_value>".**

Explanation: The value entered for "<column-name>" is invalid.

User Response: Reenter a value that is specified with the range.

DB29706E **Job Queue "<queue_id>" cannot be removed. There are one or more incomplete jobs in this queue.**

Explanation: This job queue "<queue_id>" cannot be removed since there are still jobs running on the queue.

User Response: Wait until all jobs that are on the queue are completed before deleting it.

DB29707E **Result Destination "<destination-name>" is already defined.**

Explanation: The "<destination-name>" specified is already defined. "<destination-name>" must be unique.

User Response: Specify an unique "<destination-name>".

DB29708E **User "<userID>" is already defined.**

Explanation: The "<userID>" specified is already defined. "<userID>" must be unique.

User Response: Specify an unique "<userID>".

DB29709E Group "<group_id>" is already defined.

Explanation: The "<group_id>" specified is already defined. "<group_id>" must be unique.

User Response: Specify an unique "<group_id>".

DB29710E Job queue "<queue_id>" is already defined.

Explanation: The "<queue_id>" specified is already defined. "<queue_id>" must be unique.

User Response: Specify an unique "<queue_id>".

DB29720E User "<userID>" does not have the necessary authority to use QueryMonitor.

Explanation: User "<userID>" is defined in the **DB2 Query Patroller** User Profile table but has no authority.

User Response: Have a **DB2 Query Patroller administrator** ensure that "<userID>" has the authorization necessary to perform the operation.

DB29721E Error encountered when submitting a new job. Reason code : "<reason-code>".

Explanation: An error was encountered when submitting a new query. Check the reason code returned.

Reason codes map to a valid SQL message. Check the help for the corresponding SQL message.

User Response: Correct the problem and retry this operation.

DB29722E Error encountered during job sequence number generation. Reason code : "<reason-code>". Job will not be submitted.

Explanation: An error was encountered during job sequence number generation. Check the reason code returned.

Reason codes map to a valid SQL message. Check the help for the corresponding SQL message.

User Response: Correct the problem and retry this operation.

DB29723E Error encountered during purging of a result set for job "<job-id>". Reason code : "<reason-code>".

Explanation: An error was encountered when purging the specified result set. Check the reason code returned.

Reason codes map to a valid SQL message. Check the help for the corresponding SQL message.

User Response: Correct the problem and retry this operation. The table may have been dropped manually outside of the system environment.

DB29724E Error encountered when attempting to change status for job "<job-id>". Reason code : "<reason-code>".

Explanation: An error was encountered when changing the status for the specified job. Check the reason code returned.

Reason codes map to a valid SQL message. Check the help for the corresponding SQL message.

User Response: Correct the problem and retry this operation.

DB29725E Error encountered during resubmit of job "<job-id>" with SQL statement "<SQL_stmt>". Reason code : "<reason-code>".

Explanation: An error was encountered when resubmiiting the specified job. Check the reason code returned.

Reason codes map to a valid SQL message. Check the help for the corresponding SQL message.

User Response: Correct the problem and retry this operation.

DB29726E Request completed successfully.

Explanation: The request was successful.

User Response:

DB29727N DB2 Query Patroller server is not installed.

Explanation: DB2 Query Patroller server is not installed on the DB2 server.

User Response: Install the DB2 Query Patroller server.

DB29801E Invalid command line parameters.

Explanation: The parameter for command line specified is missing or incorrect.

User Response: Correct the problem and retry this operation.

DB29802E Completed with Error.

Explanation: The program terminiated due to an error. Please see the associated error messages for the reason.

User Response: Correct the problem and retry this operation.

DB29803E DB2 registry variable "<registry-variable>" is not set or is invalid.

Explanation: The required DB2 registry variable "<registry-variable>" is not set or has been set with an invalid format.

User Response: If the DB2 registry variable is DQP_RUNTIME then set DQP_RUNTIME to the fully qualified path where DB2 Query Patroller is installed.

If the DB2 registry variable is DQP_SERVER or DQP_NET then set DQP_SERVER or DQP_NET to [host]:[port], where [host] represents the IP address of the machine where DB2 Query Patroller server is installed, and [port] represents the TCP port used by DB2 Query Patroller server.

For any other DB2 registry variable, please refer to the DB2 Query Patroller documentation.

DB29804E A memory allocation error has occurred.

Explanation: During processing, there was not enough memory to continue processing.

User Response: Ensure that your system has sufficient real and virtual memory.

DB29805E User ID "<userID>" is undefined.

Explanation: "<userID>" is not defined on the operating system.

User Response: Create an operating system user account or use a correct user ID.

DB29806E Cannot change effective user ID to "<userID>". Operating system error : "<OS-error>".

Explanation:

User Response:

DB29807E An I/O error (reason = "<code>") occurred while reading the file "<file>".

Explanation: The read operation against "<file>" failed.

User Response: Determine if the I/O error can be corrected and resubmit the command.

DB29808E An I/O error (reason = "<code>") occurred while writing the file "<file>".

Explanation: The write operation against "<file>" failed.

User Response: Determine if the I/O error can be corrected and resubmit the command.

DB29809E An I/O error (reason = "<code>") occurred during a read operation.

Explanation: Incomplete data was read during an I/O operation.

User Response: Determine if the I/O error can be corrected and resubmit the command.

DB29810E An I/O error (reason = "<code>") occurred during a write operation.

Explanation: An I/O error occurred during a write operation. The data may be incomplete.

User Response: Determine if the I/O error can be corrected and resubmit the command.

DB29811E File "<file-name>" could not be opened (reason = "<code>").

Explanation: Error encountered while trying to open file "<file-name>".

User Response: Ensure that the "<file-name>" is correct and exists in the file system, and that the file permissions are correct.

DB29812E Error occurred while terminating process "<process-ID>".

Explanation: Error encountered while trying to kill process "<process-ID>".

User Response: Ensure the terminating process has sufficient authority and the process exists.

DB29813E There is not enough memory available to process the command.

Explanation: Not enough random access memory (RAM) is available to process the command.

User Response: Check if the system has sufficient paging space. Free up some memory by stopping unused applications.

DB29814E The request failed because an operating system process, thread, or swap space limit was reached.

Explanation: An operating system process, thread, or swap space limit was reached.

User Response: Increase the limit which was reached (or have your system administrator increase it).

DB29815E Execution of "<program-name>" failed (reason = "<reason-code>").

Explanation: Error encountered while executing "<program-name>".

User Response: Determine if the problem can be fixed and retry the operation.

DB29816I Completed successfully.

Explanation: The request was successful.

User Response: No action necessary.

DB29820E Unknown job type "<type>" for job "<job-id>".

Explanation: The **iwm_nodemgr** process encountered a job with an unrecognized type.

User Response: Resubmit the query. If problem presists contact an IBM Service representative.

DB29821E   Another node manager is running.

Explanation: Only one **iwm_nodemgr** process can run on each node.

User Response:

DB29822E   Node manager could not recover jobs.

Explanation: The **iwm_nodemgr** failed to recover jobs that were running when it last failed.

User Response:

DB29823W   sysinfo statistics are not being collected.

Explanation: CPU utilization cannot be collected for this node because **sysinfo** facility is disabled.

User Response:

DB29824E   Job "<job-id>" not found.

Explanation: The job "<job-id>" was not found in the job table.

User Response:

DB29825I   Completion message for job "<job-id>" saved to file "<file-name>".

Explanation: The agent process has lost contact with the Server component, and was unable to notify it of job completion. When the Node Manager process successfully restarts on this node, the Server component receveies notification of the job's completion.

User Response:

DB29826N   Error encountered when executing SQL statement "<SQL-statement>". Error : "<sqlcode>".

Explanation: The "<SQL-statement>" failed.

User Response: Correct the "<SQL-statement>" and resubmit the job.

DB29827I   Too many columns selected.

Explanation: The job's SQL statement selected too many columns.

User Response: Correct the SQL statement and resubmit the job.

DB29828E   Cannot create result table "<result-table>".

Explanation: The "<result-table>" could not be created.

User Response: Make sure system has sufficient free disk space and the table does not aleady exist.

DB29829E   SQLDA type "<type>" is not supported for column "<column-name>".

Explanation: **DB2 Query Patroller** does not recognize the database column type.

User Response:

DB29830E   Job "<job-id>" cannot be updated.

Explanation: The request to update this job cannot be performed because the request change is not valid for the current state of the job.

User Response:

DB29831W   Job "<job-id>" (process ID "<process-ID>") is no longer running.

Explanation: The job terminated without notifying the Server component.

User Response:

DB29832E   Node "<node-name>" not found.

Explanation: The RequestHandler Node Manager process is not active on the requested node.

User Response:

DB29835W   Node "<node-name>" has not responded for 5 minutes, attempting recovery.

Explanation: The **iwm_nodemgr** process has not updated the node information for five minutes. The **iwm_sched** process assumes that the node has crashed and will recover jobs scheduled for the node.

User Response:

DB29836E   Scheduler could not recover jobs for node "<node-name>".

Explanation: An error occurred during node recovery.

User Response:

DB29837W   No active nodes available to assign jobs.

Explanation: There are no nodes with an active node manager process.

User Response:

DB29838I   "<number>" result tables over "<number>" days old have been purged.

Explanation: Purging of result tables has been activated through the **DB2 Query Patroller** system parameters. This message indicates how many result tables have been purged.

User Response: No action necessary.

DB29839I   "<number>" jobs over "<number>" days old have been purged.

Explanation: Purging of **DB2 Query Patroller** jobs has been activated through the **DB2 Query Patroller** system parameters. This message indicates how many jobs have been purged.

User Response:

DB29840I   PREPARE SQL statement "<SQL-statement>" failed for user "<userID>" with SQLCODE "<sqlcode>"

Explanation: The SQL statement could not be PREPARED.

User Response:

DB29841E   SQL statement "<SQL-statement>" failed. Exit code "<code>".

Explanation:

User Response:

DB29842E   Error "<sqlcode>" encountered during execution of the following SQL statement: "<SQL-statement>".

Explanation: The SQL statement failed.

User Response: Correct the SQL statement and resubmit request.

DB29843E   Failed to connect to database "<database-alias>" with user ID "<userID>". Error code: "<sqlcode>".

Explanation: The SQL CONNECT statement failed.

User Response:

DB29844E   User "<userID>" is not defined in the User Profile table.

Explanation: There is no row in the User Profile table for the user.

User Response: Correct the user ID or have an Administrator add a user to the User Profile table.

DB29845E   Error opening socket. Error : "<error-code>".

Explanation: The socket specified cannot be open.

User Response: Determine if the problem can be corrected by examining the "<error-code>".

DB29846E   Error closing socket. Error : "<error-code>".

Explanation: The socket specified cannot be closed.

User Response: Determine if the problem can be corrected by examining the "<error-code>".

DB29847E   Error occurred while sending or receiving data. Error : "<error-code>".

Explanation: Error happened while sending / receiving data.

User Response: Determine if the problem can be corrected by examining the "<error-code>".

DB29848E   Error encountered on TCP/IP protocol support. TCP/IP function "<function>". Socket was "<socket>". Error : "<error-code>".

Explanation: The TCP/IP function failed.

User Response: Determine if the problem can be corrected by examining the "<error-code>".

DB29849E   The specified listener port "<listener_port>" is not valid.

Explanation: The specified listener port is not valid.

User Response: Verify the **DB2 Query Patroller** configuration parameters are correctly set.

DB29850E   The specified connect port "<connector_port>" is not valid.

Explanation: The specified connect port is not valid.

User Response: Verify the **DB2 Query Patroller** configuration parameters are correctly set.

DB29851E   Invalid internet address "<internet_addr>".

Explanation: The specified internet address is not valid.

User Response: Verify the **DB2 Query Patroller** configuration parameters are correctly set.

DB29852E   TCP/IP could not find host name "<host_name>" in the local Hosts file.

Explanation: The "<host_name>" specified cannot not be resolved.

User Response: Verify the **DB2 Query Patroller** configuration parameters are correctly set.

DB29853E   Service "<service_name>" is not defined in the TCP/IP services file.

Explanation: The "<service_name>" specified cannot not be resolved in the TCP/IP service file.

User Response: Verify the **DB2 Query Patroller** configuration parameters are correctly set.

DB29854E   Invalid network identifier "<network_string>".

Explanation: The network identifier must be in the form **host-id:port-id** where **host-id** represents

either a resolvalbe host name or the dotted internet address and **port-id** represents either a resolvable service name or a port number.

User Response: Verify the **DB2 Query Patroller** configuration parameters are correctly set.

DB29855E   **DB2 Query Patroller server is not available.**

Explanation: The Server component cannot be contacted.

User Response: Verify the **DB2 Query Patroller** configuration parameters are correctly set.

DB29856E   **A severe internal processing error has occurred. Error "<error-code>".**

Explanation: An internal **DB2 Query Patroller** failure occurred.

User Response: Please contact an IBM Service representative.

DB29857E   **"<name>" value is missing.**

Explanation: An internal **DB2 Query Patroller** failure occurred.

User Response: Please contact an IBM Service representative.

DB29858E   **"<name>" value is invalid.**

Explanation: An internal **DB2 Query Patroller** failure occurred.

User Response: Please contact an IBM Service representative.

DB29859E   **Destination "<name>" is no longer valid.**

Explanation: An destination name is no longer active.

User Response:

DB29860E   **Expected response message not received.**

Explanation: An internal **DB2 Query Patroller** failure occurred.

User Response: Please contact an IBM Service representative.

DB29861E   **Connection to iwm_net lost.**

Explanation: The **iwm_net** program is no longer active.

User Response: Restart the Server component or agent on this node.

DB29862E   **Not connected.**

Explanation: An internal **DB2 Query Patroller** failure occurred.

User Response: Please contact an IBM Service representative.

DB29863E   **Message not understood.**

Explanation: An internal **DB2 Query Patroller** failure occurred.

User Response: Please contact an IBM Service representative.

DB29864E   **iwm_local database access is not available.**

Explanation: The **iwm_local** program failed or was not started successdully.

User Response: Restart the DB2 Query Patroller and all agents.

DB29865E   **iwm_remote database access is not available.**

Explanation: The **iwm_remote** program failed or was not started successdully.

User Response: Restart the Server component.

DB29866E iwm_local database access failed.

Explanation: The **iwm_local** program failed or was not started successdully.

User Response: Please contact an IBM Service representative.

DB29867E iwm_remote database access failed.

Explanation: The **iwm_remote** program failed or was not started successdully.

User Response: Please contact an IBM Service representative.

DB29868E Invalid ticket.

Explanation: An internal **DB2 Query Patroller** failure occurred.

User Response: Please contact an IBM Service representative.

DB29869E Logon has expired.

Explanation: Your logon to **DB2 Query Patroller** has expired.

User Response: Log on again.

DB29870E Not authorized.

Explanation: You are not authorized to perform the requested funcion.

User Response: Contact your System Administrator to obtain the necessary authorization.

DB29871N Mail for job "<job-id>" "<job-status>" could not be sent to "<email-address>". Reason : "<reason-code>".

Explanation: Error encountered during sending of user notification for job "<job-id>".

User Response:

DB29991E DB2 Query Patroller Server is not correctly installed.

Explanation: DB2 Query Patroller Server was not installed correctly.

User Response: Please reinstall DB2 Query Patroller server.

DB210016E Cannot initialize TCP/IP (reason = "<reason-code>"). Ensure that the version of WINSOCK.DLL on your system is less than or equal to "<winsock-level>".

Explanation: Cannot initialize TCP/IP. The TCP/IP return code is invalid.

User Response: Ensure the WINSOCK version is supported by DB2 Query Patroller. DB2 Query Patroller supports versions of WINSOCK.DLL less than or equal to "<winsock-level>".

DB210017E Unsupported WINSOCK.DLL level. Ensure that the version of WINSOCK.DLL on your system is less than or equal to "<winsock-level>".

Explanation: This version of the file WINSOCK.DLL is not supported by DB2 Query Patroller.

User Response: Ensure the WINSOCK version is supported by DB2 Query Patroller. DB2 Query Patroller supports versions of WINSOCK.DLL less than or equal to "<winsock-level>".

DB210018E Could not register signal handler for process ID "<process-ID>", reason code = "<reason-code>".

Explanation: Failed to create the signal handler for the event object.

User Response:

DB210019E Could not wait for signal handler semaphore for process ID "<process-ID>", reason code = "<reason-code>".

Explanation: Failed to wait for the signal handler for the event object.

User Response:

DB210020E Could not create a thread for the signal handler for process ID "<process-ID>", reason code = "<reason-code>".

Explanation: Failed to create a thread object for the signal handler for the current process.

User Response:

DB210021E Could not post a signal semaphore for process ID "<process-ID>", reason code = "<reason-code>".

Explanation: Failed to set the state of the event to be signaled for the current process.

User Response:

DB210022E Could not logon, reason code = "<reason-code>".

Explanation: The user ID and password probably are not correct, or the user has not been granted the required privileges.

User Response: Check the user ID and password, or ask the system administrator to grant the appropriate privileges for your user ID.

DB210023E Could not switch to a different user ID, reason code = "<reason-code>".

Explanation: DB2 Query Patroller was unable to switch to a different user ID, because the target user ID was already logged on.

User Response: None.

DB210024E Loading failed with reason code = "<reason-code>".

Explanation: Failed to load data from files, tapes, or named pipes into a DB2 table.

User Response: Ensure that the data sources exist.

DB210025E Loading failed after reading "<rows>", reason code = "<reason-code>".

Explanation: Failed to load data after reading "<rows>", reason code = "<reason-code>".

User Response:

DB210026E Loading failed when reading "<line>" from "<file-name>".

Explanation: Error encountered when reading "<line>" from "<file-name>".

User Response: Ensure that the message file "<file-name>" exists.

DB210027E The "<user-profile>" or the "<userID>" is already defined.

Explanation: The user ID "<userID>" already exists for DB2 Query Patroller.

User Response: Define a unique user ID for DB2 Query Patroller.

DB210028E Destination "<destination-name>" is already defined.

Explanation: The result destination already exists for DB2 Query Patroller.

User Response: Define a unique result destination name for DB2 Query Patroller.

DB210030E MAPI is not initialized, reason code = "<reason-code>".

Explanation: Failed to initialize the Messaging Application Programming Interface (MAPI).

User Response: Ensure that the file MAPI32.dll exists.

DB210031E   MAPI is not available on this machine.

Explanation: Messaging Application Programming Interface (MAPI) is not installed on this machine.

User Response: Ensure that MAPI is correctly installed and initialized. Ensure that the file MAPI32.dll exists.

DB210032E   Could not invoke iwm_cmd program.

Explanation: Failed to invoke iwm_cmd process.

User Response: Check if the DB2 Query Patroller server is running.

DB210033E   The mail "<mail-subject>" could not be sent to "<mail-address>", reason code = "<reason-code>".

Explanation: The mail "<mail-subject>" could not be sent to "<mail-address>".

User Response: Ensure that Messaging Application Programming Interface (MAPI) is correctly installed and initialized. Ensure that the file MAPI32.dll exists.

DB210036N   Result table "<result-table>" does not exist.

Explanation: Result table "<result-table>" does not exist in the database.

User Response: The selected result table "<result-table>" does not exist, please select another one.

DB210037I   DQPSTART processing was successful.

Explanation: The command to start DB2 Query Patroller completed successfully.

DB210038I   DQPSTOP processing was successful.

Explanation: The command to stop DB2 Query Patroller completed successfully.

DB210039E   DQPSTART or DQPSTOP command is already in progress.

Explanation: The DB2 Query Patroller is currently processing a start or a stop command.

User Response: There is another instance of DB2 Query Patroller start or stop command being processed.

User Response: Wait until the currently processing command completes. If there are no other processes starting or stopping the DB2 Query Patroller, you can remove 'dqpstst.lck' file from the 'ctrl' directory in the instance path and retry the command.

DB210040W   DB2 Query Patroller service did not start properly.

Explanation: One or more processes may not have started successfully.

User Response: Check the 'syserr.log' and 'db2diag.log' for more diagnostics.

DB210041E   Request for DB2 Query Patroller license failed.

Explanation: DB2 Query Patroller could not be started without a valid license file.

DB210044E   Unexpected command parameter "<commnad-token>" was encountered.

Explanation: The issued command is invalid.

User Response: Check the documentation for valid syntax.

DB210045E   DB2 Query Patroller encountered a system error which terminated processing.

Explanation: An error occured which terminated processing.

User Response: Check the 'syserr.log' and 'db2diag.log' for more diagnostic information.

DB210046E   File seek operation on "<filename>" has failed (reason = "<reason-code>").

Explanation: During processing, the file may have become corrupted or otherwise un operational.

User Response: Retry the command and if the problem persists, check 'syserr.log' and 'db2diag.log' for more diagnostics.

DB210047E   Change of access permissions on file "<filename>" has failed (reason = "<reason-code>").

Explanation: The file access permissions could not be set. This condition may be due to unavailability of the file or other system condition that prevented the adjustment of file permissions.

User Response: Retry the command and if the problem persists, check 'syserr.log' and 'db2diag.log' for more diagnostics.

DB210048E   Invalid file format of file "<filename>" at line "<line-number>".

Explanation: Processing could not continue due to the unexpected tokens or an invalid file format.

User Response: Check the documentation for a proper setup.

DB210049E   Could not retrieve instance path (reason = "<reason-code>").

Explanation: The instance path could not be retrieved.

User Response: Ensure the DB2 is setup properly before issuing the command again. If the problem persists, check 'syserr.log' and 'db2diag.log' for more diagnostics.

DB210050E   Could not retrieve the install path (reason = "<reason-code>").

Explanation: The DB2 installation path could not be retrieved.

User Response: Ensure the DB2 is setup properly before issuing the command again. If the problem persists, check 'syserr.log' and 'db2diag.log' for more diagnostics.

DB210051E   Could not retrieve instance configuration (reason = "<reason-code>").

Explanation: The instance database manager configuration could not be retrieved.

User Response: Ensure DB2 is setup properly before issuing the command again. If the problem persists, check 'syserr.log' and 'db2diag.log' for more diagnostics.

DB210052E   Could not get local host or computer name (reason = "<reason-code>").

Explanation: The computer name (NT) or host name (UNIX) could not be retrieved.

User Response: Contact your system administrator or check 'syserr.log' and 'db2diag.log' for more diagnostics.

DB210053E   Could not resolve host name "<hostname>".

User Response: Contact your system administrator or check 'syserr.log' and 'db2diag.log' for more diagnostics.

DB210054E   DQPSTART processing failed.

Explanation: DB2 Query Patroller could not be started.

User Response: Check 'syserr.log' and

'db2diag.log' for more diagnostics.

DB210055E   System error. Registering service control handler failed.

Explanation: System error occurred which terminated processing.

User Response: Check 'syserr.log' and 'db2diag.log' for more diagnostics.

DB210056E   System error. Check for service start-pending status failed.

Explanation: System error occurred which terminated processing.

User Response: Check 'syserr.log' and 'db2diag.log' for more diagnostics.

DB210057E   System error. Initialization of service security descriptor failed.

Explanation: System error occurred which terminated processing.

User Response: Check 'syserr.log' and 'db2diag.log' for more diagnostics.

DB210058E   System error. Create event failed.

Explanation: System error occurred which terminated processing. Check 'syserr.log' and 'db2diag.log' for more diagnostics.

User Response: Check 'syserr.log' and 'db2diag.log' for more diagnostics.

DB210059E   Processing of configuration file "<filename>" failed (reason = "<reason-code>").

Explanation: The configuration file could not be processed because it is in an invalid format, has unexpected tokens, or is otherwise corrupted.

User Response: Check the documentation for proper formatting of the file. If the problem persists, contact your system administrator or check 'syserr.log' and 'db2diag.log' for more diagnostics.

DB210060E   Attempt to start service "<service-name>" failed (reason = "<reason-code>").

Explanation: The service could not be started. The reason codes are as follows:

1   The service does not exist.

3   The service is already running.

5   The current user does not have the proper authority to start or stop the service.

6   The service fails to start.

User Response:

1   Ensure the service exists. If the service does not exist, then it might have been manually removed, or the installation of DB2 Query Patroller did not complete successfully. In either case, DB2 Query Patroller must be reinstalled.

3   The service was already started. To restart the service, issue the DQPSTOP command and issue the DQPSTART command again.

5   Ensure that the logon information for the service is correct and issue the command again.

6   Issue the command again. If the problem persists, contact your system administrator or check the 'syserr.log' and 'db2diag.log' for more diagnostics.

DB210061E   Attempt to stop service "<service-name>" failed (reason = "<reason-code>").

Explanation:

1   The service does not exist.

3   The service has not been started or was already stopped.

5   The current user does not have the proper authority to start or stop the service.

6   The service fails to stop.

User Response:

1   Ensure the service exists. If the service does not exist, then it might have been manually removed, or the installation of DB2 Query Patroller did not complete successfully. In either case, DB2 Query Patroller must be reinstalled.

3   The service was already stopped. To restart the service, issue the DQPSTART command.

5   Ensure that the logon information for the service is correct and issue the command again.

6   Issue the command again. If the problem persists, contact your system administrator or check the 'syserr.log' and 'db2diag.log' for more diagnostics.

DB210062E   **System error. Common initialization routines failed (SQLCODE = "<sqlcode>").**

Explanation: Environment could not be initialized because of SQLCODE "<sqlcode>".

User Response: Check the SQLCODE and issue the command again. If the problem persists, contact your system administrator or check 'syserr.log' and 'db2diag.log' for more diagnostics.

DB210064E   **System error. Message queue failed (reason = "<reason-code>").**

Explanation: System error occurred which terminated processing.

User Response: Retry the command and if the problem persists, contact your system administrator or check 'syserr.log' and 'db2diag.log' for more diagnostics.

DB210065E   **DB2 Query Patroller node is not activated.**

Explanation: The selected node is not setup for processing.

User Response: Ensure that the specified node

is defined in 'dqpnodes.cfg' and retry the command.

DB210066E   **Node start or stop processing results could not be retrieved from file "<filename>" (reason = "<reason-code>").**

Explanation: The contents of the communication file could not be retrieved. The file does not exist or could not be opened.

User Response: Ensure that the specified file is accessible and retry the command. If the problem persists, contact your system administrator or check 'syserr.log' and 'db2diag.log' for more diagnostics.

DB210067E   **Node start or stop processing has reached timeout value.**

Explanation: The DB2 Query Patroller start or stop command has reached a timeout value while waiting for results from the processing node(s). The result files contents could not be obtained because they were not created or not accessible.

User Response: Ensure that 'dqpnodes.cfg' is setup correctly and all host names and IP addresses and computer names are resolvable. See the documentation for proper setup. Check for proper setup of DQP_SERVER and DQP_NET variables and their corresponding entries in the 'services' file. On EEE check for proper setup of the 'rah' utility. Check 'syserr.log' and 'db2diag.log' for more diagnostics.

DB210068E   **Communication error has been encountered while waiting for node(s) to complete processing (reason = "<reason-code>").**

Explanation: The DB2 Query Patroller start or stop command could not continue due to invalid result file generated by one of the processing nodes. The result file could not be interpreted correctly.

User Response: Retry the command and if the problem persists, contact your system

administrator or check 'syserr.log' and 'db2diag.log' for more diagnostics.

DB210069E   Process "<process-name>" has failed.

Explanation: Process failed.

User Response: Retry the command and if the problem persists, contact your system administrator or check 'syserr.log' and 'db2diag.log' for more diagnostics.

DB210070E   Execution of process "<process-name>" has failed (reason = "<reason-code>").

Explanation: Process could not be started.

User Response: Retry the command and if the problem persists, contact your system administrator or check 'syserr.log' and 'db2diag.log' for more diagnostics.

DB210071E   Execution of process "<process-name>" was interrupted (reason = "<reason-code>").

Explanation: Running process was interrupted.

User Response: Check 'syserr.log' and 'db2diag.log' for more diagnostics.

DB210072E   An external program "<program-name>" could not be located (reason = "<reason-code>").

Explanation: Could not find a specified executable.

User Response: Check your installation or contact your system administrator before retrying the command. Check 'syserr.log' and 'db2diag.log' for more diagnostics.

DB210073E   An external program "<program-name>" could not be invoked due to insufficient resources (reason = "<reason-code>").

Explanation: Could not allocate resources to launch the process.

User Response: Retry the command and if the problem persists, contact your system administrator or check 'syserr.log' and 'db2diag.log' for more diagnostics.

DB210074E   An external program "<program-name>" could not be invoked due to insufficient authority (reason = "<reason-code>").

Explanation: The user invoking the program does not have sufficient authority to do so.

User Response: Contact your system administrator or check 'syserr.log' and 'db2diag.log' for more diagnostics.

DB210075E   DQPSTART processing has completed. "<number-of>" node(s) were started successfully, "<number-of>" node(s) were already started, "<number-of>" node(s) have failed.

Explanation: DB2 Query Patroller start manager completed processing however at least one node reported a warning or an error while processing the node start command.

User Response: Check 'syserr.log' and 'db2diag.log' for more diagnostics.

DB210076E   DQPSTOP processing has completed. "<number-of>" node(s) were stopped successfully, "<number-of>" node(s) were already stopped, "<number-of>" node(s) have failed.

Explanation: DB2 Query Patroller stop manager completed processing however at least one node

reported a warning or an error while processing the node stop command.

User Response: Check 'syserr.log' and 'db2diag.log' for more diagnostics.

DB210085E **The operation was aborted because it would violate configuration consistency constraint. SQLSTATE="<state-code>".**

Explanation: SQLSTATE=88000,88001: Operation failed because it would violate one of the following constraints on the IWM003_JOB_QUEUE table:

```
MAX(MAX_JOBS) <=
IWM003_DATA_SOURCE.MAX_JOBS
AND
MAX(MAX_COST) <=
IWM003_DATA_SOURCE.COST_THRESHOLD
```

SQLSTATE=88002,88003,88004: Operation failed because it would violate one of the following constraints on the IWM003_DATA_SOURCE table:

```
MAX_JOBS >=
MAX(IWM003_JOB_QUEUE.MAX_JOBS)
AND
MAX(MAX_JOBS) <=
IWM003_SYS_PARMS.QRY_THRESHOLD
AND
COST_THRESHOLD >=
MAX(IWM003_JOB_QUEUE.MAX_COST)
AND
MAX(COST_THRESHOLD) <=
IWM003_SYS_PARMS.COST_THRESHOLD
```

SQLSTATE=88005: Operation failed because it would violate one of the following constraints on the IWM003_SYS_PARMS table:

```
QRY_THRESHOLD >=
MAX(IWM003_DATA_SOURCE.MAX_JOBS)
AND
COST_THRESHOLD >=
MAX(IWM003_DATA_SOURCE.COST_THRESHOLD)
```

SQLSTATE=88006,88007: Table IWM003_SYS_PARMS can have at most one row. This single row may be deleted if the table IWM003_DATA_SOURCE is empty.

SQLSTATE=88008: A user or a group profile with matching name and possibly different case already exists.

User Response: Please revise your configuration and specify a valid value for the field.

DB210101E **Read queue operation failed while waiting for a response from "<process>". Return code = "<return-code>". Queue handle = "<queue-handle>". Timeout = "<timeout-value>".**

Explanation: A read queue operation failed while waiting for a response from "<process>". This error can occur if the timeout period is too short or if the queue handle is invalid.

User Response: Set DQP_CHILD_WAIT DB2 profile variable to a value greater than the "<timeout-value>" and try again. If the problem persists, contact your system administrator to remove "<queue-handle>" from your system.

DB210102E **The DB2 instance was not found. Reason code = "<reason-code>".**

Explanation: The DB2 instance was not found. The DB2INSTANCE environment variable is not set to a valid DB2 instance.

User Response: Please ensure that DB2INSTANCE environment variable or DB2 profile variable DB2INSTDEF is set to a valid DB2 instance.

DB210103E **Error deleting message queue. Reason code = "<reason-code>". Queue handle = "<queue-handle>".**

Explanation: An error occurred deleting message queue "<queue-handle>".

User Response: Please contact your system administrator to remove "<queue-handle>" from your system.

DB210104E Error initializing message queue. Reason code = "\<reason-code\>". Queue name = "\<queue-name\>".

Explanation: An error occurred initializing message queue "\<queue-name\>". This error can occur if a queue with that name already exists.

User Response: Please contact your system administrator to remove "\<queue-name\>" from your system.

DB210105E Error writing to the primary message queue. Reason code = "\<reason-code\>". Queue handle = "\<queue-handle\>". Request type = "\<request-type\>". Action type = "\<action-type\>". Set type = "\<group-type\>". Trace = "\<trace-flag\>".

Explanation: An error occurred writing to the primary message queue "\<queue-handle\>". This error can occur if the queue handle is invalid.

User Response: Please contact your system administrator to remove "\<queue-handle\>" from your system.

DB210106E Error reading from the primary message queue. Reason code = "\<reason-code\>". Queue handle = "\<queue-handle\>". Timeout = "\<timeout-value\>" seconds.

Explanation: An error occurred reading from the primary message queue "\<queue-handle\>". This error can occur if the queue handle is invalid.

User Response: Please contact your system administrator to remove "\<queue-handle\>" from your system.

DB210107E Error opening message queue. Reason code = "\<reason-code\>". Queue name = "\<queue-name\>".

Explanation: An error occurred opening message queue "\<queue-name\>". This error can occur if a queue with the name "\<queue-name\>"

already exists and this process does not have the authority to open it.

User Response: Please contact your system administrator to remove "\<queue-name\>" from your system.

DB210108E Error acquiring lock on file "\<file-name\>". Reason code = "\<reason-code\>".

Explanation: Error acquiring a file lock on file "\<file-name\>". This error can occur if this process does not have the authority to lock file "\<file-name\>"" in the /tmp directory.

User Response: If the file "\<file-name\>"" exists in the /tmp directory, please contact your system administrator to remove it from your system.

DB210109E Error sending message on queue. Reason code = "\<reason-code\>". Queue handle = "\<queue-handle\>". Message = "\<message\>".

Explanation: An error occurred sending message "\<message\>" on queue "\<queue-handle\>". This error can occur if this process does not have authority to write to the queue.

User Response: Please contact your system administrator to remove "\<queue-handle\>" from your system.

DB210110E Error closing message queue. Reason code = "\<reason-code\>". Queue handle = "\<queue-handle\>".

Explanation: An error occurred closing message queue "\<queue-handle\>". This error can occur if the process does not have the authority to close the queue.

User Response: Please contact your system administrator to remove "\<queue-handle\>" from your system.

DB210111E **For the selected interval and frequency, no jobs can be scheduled between the chosen start date and time and the end date and time.**

Explanation: The selected interval and frequency does not allow any jobs to be scheduled between the chosen start date and time and the end date and time.

User Response: To enable job scheduling, perform one of the following options:

- Increase the time range by adjusting the start date and time or the end date and time.
- Choose a different interval and frequency value for the given time range so that there is at least one scheduling opportunity.

DB210112E **The DB2 Query Patroller server process or processes "<server-process>" have stopped. The remaining DB2 Query Patroller server processes have also stopped.**

Explanation: If one or more DB2 Query Patroller server processes, such as iwm_logmon, iwm_net, iwm_server, iwm_remote, iwm_nodemgr, or iwm_sched have stopped, the other DB2 Query Patroller server processes also stop.

User Response: Check the syserr.log file to diagnose the cause of the stopped DB2 Query Patroller server processes. Restart the DB2 Query Patroller server.

DB210113E **Node start or stop processing has failed. Reason code "<reason-code>".**

Explanation: DB2 Query Patroller cannot be started or stopped on the specified node. The reason codes are as follows:

1 A server node already exists in the dqpnodes.cfg file. There can be only one server node.

2 There is no server node in the dqpnodes.cfg file.

3 There is an existing entry with the same node number in the dqpnodes.cfg file.

4 The node number does not exist in the dqpnodes.cfg file.

5 There is an existing entry with the same hostname in the dqpnodes.cfg file.

6 The node type is invalid.

7 Cannot replace the server node entry with an agent. A server node entry must exist in the dqpnodes.cfg file.

8 Cannot drop the server node entry. A server node entry must exist in the dqpnodes.cfg file.

9 More than one server node entry is found in the dqpnodes.cfg file. There can only be one server node.

10 There is an invalid node number in the dqpnodes.cfg file.

11 There are duplicate node numbers in the dqpnodes.cfg file.

12 There are duplicate host names in the dqpnodes.cfg file.

User Response:

1 Issue the command again without attempting to add or restart a second server node.

2 Add a server node in the dqpnodes.cfg file.

3 Check the node number and issue the command again using a different node number.

4 Check the node number and issue the command again using an existing node number.

5 Check the hostname and issue the command again using a different host name.

6 Issue the command again using the node type "server" or "agent".

7	Issue the command again without attempting to replace the server node with an agent.
8	Issue the command again without attempting to drop the server node.
9	Determine which entry is the server node, and remove the other server node entries from the dqpnodes.cfg file.
10	Check the node numbers in the dqpnodes.cfg file and ensure that they are valid non-negative integers.
11	Check the node numbers in the dqpnodes.cfg file and ensure that they are unique.
12	Check the host names in the dqpnodes.cfg file and ensure that they are unique.

Note: You can restart a server node using a different hostname, but cannot drop or replace the only server node entry.

DB210114E   **The machine name set in the DB2 registry variable DQP_SERVER does not match the server node entry in the dqpnodes.cfg file.**

Explanation: The DB2 registry variable DQP_SERVER is set to [host]:[port], where [host] represents the IP address of the machine where DB2 Query Patroller server is installed. This IP address does not match the IP address of the server node in the dqpnodes.cfg file.

User Response: Ensure the IP address of the server node entry in the dqpnodes.cfg file matches the IP address set in the DB2 registry variable DQP_SERVER.

DB210115E   **The current user is not authorized to run the command "<command-name>".**

Explanation: The current user does not have the proper authority to run the command. If the command is DQPSTART, DQPSTOP or IWM_TRACKER, only the user "iwm" is allowed to run it.

User Response: If the command is DQPSTART, DQPSTOP or IWM_TRACKER, log on as the user "iwm" and issue the command again.

DB210116E   **The DB2 Query Patroller was already started on this node.**

Explanation: DB2 Query Patroller was already running when the DQPSTART command was issued.

User Response: To restart the DB2 Query Patroller, first issue the DQPSTOP command and then issue the DQPSTART command.

DB210117E   **The DB2 Query Patroller was already stopped on this node.**

Explanation: The DB2 Query Patroller Server was not running when the DQPSTOP command was issued.

DB210118E   **File "<filename>" could not be deleted (reason = "<reason-code>").**

Explanation: Error encountered while trying to delete file "<filename>".

User Response: Ensure that the file "<filename>" is correct and exists in the file system, and that the file permissions are correct.

DB210120E   **Failed to connect to database "<database-name>" with user ID "<userid>" due to a recoverable error with SQLCODE "<sqlcode>". Retrying connect in "<retry-interval>" minute or minutes.**

Explanation: DB2 Query Patroller server failed to connect to the database due to a recoverable error with SQLCODE "<sqlcode>".

User Response: Check the SQLCODE and fix the recoverable error. The DB2 Query Patroller server will attempt to connect to the database again in "<retry-interval>" minute or minutes.

**DB210121E Cannot recover status of the jobs
which belong to an active node.**

Explanation: The specified node is still active.
Job status recovery is only allowed for jobs
running on a node that failed.

**DB210200I All applications must disconnect
from the database before the
changes become effective.**

Explanation: The ADD or DROP DATALINKS
MANAGER command has been successfully
processed. However, the change cannot be made
effective until all applications have disconnected
from the database. After the applications
disconnect from the database, the first connection
to the database will cause the changes to become
effective.

User Response: Ensure that all applications
disconnect from the database and issue a
CONNECT statement.

**DB210201I Reconcile utility should be run on
database tables that contain links
to files on the DB2 Data Links
Manager. The DB2 Data Links
Manager does not perform any
unlink processing for these files.**

Explanation: The DROP DATALINKS
MANAGER command has been successfully
processed. Confirm that no database tables
contained links to files on the DB2 Data Links
Manager before dropping the DB2 Data Links
Manager. If such links exist, they should be
removed from the database tables by using the
reconcile utility. Note that the files themselves
will remain in linked state on the file system. For
additional details, see the usage notes for the
DROP DATALINKS MANAGER command in the
Command Reference.

Chapter 8. DWC Messages

The following is a list of messages issued by the Data Warehouse Center. A brief explanation of the status is provided along with recommended user action and response to errors.

DWC0000I User defined program executed successfully.

DWC01001I User logged on with user ID "<userID>".

Explanation: Informational message.

User Response: None.

DWC01002E Logon Failed. Password does not match with user ID "<userID>" to Database "<database-name>" with qualifier "<qualifier-name>".

Explanation: You were unable to log on to the control database because the password that you specified is not set to your user ID.

User Response: Verify that your password, user ID, database name, and table qualifier are correct.

DWC01003E Logon Failed. User already logged on with user ID "<userID>" to Database "<database-name>" with qualifier "<qualifier-name>".

Explanation: You tried to log on to the Data Warehouse Center with a different user ID when you are already logged on to the Data Warehouse Center.

User Response: Close the Data Warehouse Center. Then, log on to the Data Warehouse Center with the other user ID.

DWC01004E Cannot change the password for user ID "<userID>" because the current password is invalid.

Explanation: You cannot change an old password to a new password because the old password that you entered is incorrect.

User Response: Enter the correct old password. Then, enter the new password.

DWC01005E Invalid function call. This function cannot be called before dddApp.LogonAsUser is called.

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC01006E The Data Warehouse Center access privileges for user ID "<userID>" have been revoked.

Explanation: You are trying to log on to the Data Warehouse Center with a user ID that no longer has access privileges.

User Response: Log on with another user ID or contact your Data Warehouse Center administrator.

DWC01007E Logon Failed. The database specified by the user does not match the database used by the warehouse server.

Explanation: Logon Failed. The database specified by the user does not match the database used by the warehouse server.

User Response: Ensure that the specified control database is the same database that is

---

used by the warehouse server.

DWC02001E Operation on an ODBC cursor is not possible when the cursor is not prepared.

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC02002E The ODBC connection with the Data Warehouse Center control database has not been established.

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC02003E Allocation of the ODBC environment failed (SQLAllocEnv failed).

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC02004E Free of the ODBC environment failed (SQLEnvFree failed).

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC02005E Allocation of the ODBC Connect statement failed (SQLAllocConnect failed). Database: "<database-name>". User ID: "<user-ID>".

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC02006E Free of the ODBC Connect statement failed (SQLFreeConnect failed).

Explanation: An internal message occurred.

User Response: Contact IBM Software Support.

DWC02007E Allocation of the ODBC statement failed (SQLAllocStmt failed). Statement or database: "<database-name>".

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC02008E Free of the ODBC statement failed (SQLFreeStmt failed).

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC02009E Connection to ODBC database failed (SQLConnect failed). Database name: "<database-name>". User ID: "<user-ID>".

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC02010E Disconnect from ODBC database failed (SQLDisconnect failed).

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC02011E Execution of prepared ODBC statement failed (SQLExecute failed).

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC02012E Direct execution of ODBC statement failed (SQLExecDirect failed). Statement: "<statement-name>".

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC02013E Transaction to connected ODBC database failed (SQLTransact failed).

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC02014E Prepare of ODBC statement failed (SQLPrepare failed). Statement: "<statement-type>".

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC02015E Fetch of ODBC data failed (SQLFetch failed).

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC02016E Extended fetch of ODBC data failed (SQLExtendedFetch failed).

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC02017E Bind to ODBC parameter failed (SQLBindParameter failed). Parameter #: "<parameter-number>". Parameter type: "<parameter-type>".

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC02018E Bind to ODBC column failed (SQLBindCol failed). Column #: "<column number>". Data type: "<data-type>".

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC02019E Set of ODBC statement failed (SQLSetStmtOption failed). Statement: "<Statement name>".

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC03101E The new target table name is the same as the source step target table name.

Explanation: The step being copied has a new target table name specified that is the same as the target table name of the old step being copied.

User Response: In the **New Table Name** field on the Copy step panel, change the name of the new target table being created to one that is different from the source step being copied.

DWC03102E RelationCollection entry already exists in Relation Name: "<relation-name>"

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03103E An invalid target element with an ID of 'XXXXXXXX' was passed to addLocal for Relation Name: "<relation-name>".

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03104E "<object-type>" object named: "<object-name>" is not in a 'valid' state. It may not have been retrieved or created properly.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03105E **"<object-type>" object named: "<object-name>" already exists in the Data Warehouse Center database.**

Explanation: A Data Warehouse Center user error or a Data Warehouse Center internal error occurred. If the error occurred when you tried to create a Data Warehouse Center entity, such as a step, process, security group, user, or database, an entity by that name might already exist.

If the error occurred at a time when you have not created a new entity, it may be a Data Warehouse Center internal error.

User Response: If you specified a name for a new Data Warehouse Center entity, check the name you specified and make sure an entity by that name does not already exist.

If you suspect a Data Warehouse Center internal error, record all details of this error message and contact IBM Software Support with the information.

DWC03106E **"<object-type>" was passed a NULL pointer on the "<method>" method.**

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03109E **An Invalid value was found in TimeStamp or step objects.**

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03110E **Length of input data for a set operation of attribute "<attribute-name>" in the "<object>" object is not valid.**

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03112E **Object type passed on the retrieve is not a valid Data Warehouse Center object type.**

Explanation: An internal error has occurred.

User Response: None.

DWC03113E **AttributeLink object does not have its 'linkType' operator set correctly.**

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03114E **Attribute object does not have its 'nativeDataType', 'Database', or 'Table/File' attributes set correctly.**

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03115E **The specified native data type: "<type-name>" does not have a conversion to ODBC in the Data Warehouse Center.**

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error

message and contact IBM Software Support with the information.

DWC03116E The ODBC cursor for the listNext() operation is not initialized.

Explanation: An internal error message.

User Response: Contact IBM Customer Service.

DWC03117E The 'typeOfMap' attribute in the Map object is not initialized. Create or update not performed.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03118E The special character "<character>" is not allowed in the object name. This is reserved for a delimiter for Data Warehouse Center tokens.

Explanation: You tried to create a table or column with the specified special character, which is reserved for Data Warehouse Center tokens that can be included in a SQL SELECT statement. You cannot use this special character in the name of a table or column.

User Response: Remove the specified special character from the table or column name being created.

DWC03119E The "<object-type>" object named "<object-name>" is already being updated. Cannot update objects at the same time.

Explanation: You are trying to update the Data Warehouse Center entity named "<object-name>" at the same time as another user.

User Response: Wait until completion of the initial update is finished.

DWC03127E An Object-in-use error occurred.

Explanation: You tried to remove a security group that is in use by a step that uses a specified database.

User Response: Before removing this security group from the **Selected Security Groups** for this database, you must delete or modify any references to the database and security group in any steps that use the database.

DWC03142E "<object-type>" object: "<object-name>" was not found in the Data Warehouse Center control database.

Explanation: If you were trying to open a Data Warehouse Center from a list, another user might have deleted the entity you were trying to open. Otherwise, an internal Data Warehouse Center error occurred.

User Response: Refresh the list and open the entity again. If the same error occurs, record all details of this error message and contact IBM Software Support with the information.

DWC03148E An invalid site hostname was passed to the Agent Site object.

Explanation: You specified a hostname for an agent site that is greater than 200 characters in length.

User Response: In the **Host Name** field of the Agent Site notebook, shorten the name of the agent site to less than 200 characters.

DWC03149E An invalid OS type was passed to the AgentSite object.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03150E An invalid user id was passed to the AgentSite object.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03151E An invalid password was passed to the AgentSite object.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03153E Table "<table-name>" is being used by a step as a target table.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03154E Table "<table-name>" is being used by a step as a input table.

Explanation: You are trying to delete a Data Warehouse Center table definition for a table that a step uses as a source table.

User Response: Before deleting the table, delete or change any references to the source table in the step to a different source table.

DWC03156E The Column object "<object-name>" is being used by a Map object as an input attribute.

Explanation: You are trying to delete a column of a table that a step uses as a source column.

User Response: Before deleting the column, delete or change any references to the source table in the step that uses the column as a source

to a different source table.

DWC03157E The Column object "<object-name>" is being used by an AttributeLink object as an Attribute1 column.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03158E The Column object "<object>" is being used by an AttributeLink object as an Attribute2 column.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03159E The Agent Site cannot be deleted because it is being used by one or more steps.

Explanation: You are trying to delete an agent site that one or more steps specify as their agent site.

User Response: Before deleting the agent site, delete or change any references to the agent site in the steps to a different agent site.

DWC03160E The target table for step "<step-name>" is linked as a source to another step.

Explanation: You are trying to delete a step where the target table is linked as a source to another step.

User Response: You can delete this step by unlinking it from its target table. The target table will still be used as a source to the other steps. You should define a new way for the target table to be populated. You can view all the steps that depend on this target table by performing a

show related on either the step or the target table.

Before deleting the step, delete or change any references to the source step in the steps. To determine what steps use this step as a source, right-click the step that you want to delete, and click Show Related. This action shows you all the steps that are populated with data from this step.

DWC03163E The SecurityGroup object is being used by the Data Warehouse Center steps as the Update Security Group.

Explanation: You are trying to delete a security group that one or more steps use as an update security group.

User Response: Before deleting the security group, change the update security group to a different security group.

DWC03164E The SecurityGroup object is being used by the Data Warehouse Center users.

Explanation: The Data Warehouse Center user is trying to delete a security group that contains one or more Data Warehouse Center users.

User Response: Before deleting the security group, remove the users from the security group.

DWC03165E The "<object-type>" has a NULL pointer passed in on the copy() method.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03168E The Agent Site cannot be deleted because it is being used by one or more databases.

Explanation: You are trying to delete an agent site that is in use by one or more targets, sources, or both.

User Response: Before deleting this agent site, change the databases that uses this agent site to use another agent site. In the Agent Site notebook, select the **Resources** tab, and remove all the databases from the **Selected Database** list.

DWC03169E The Attribute cannot be deleted because it is being used by one or more Primary Keys.

Explanation: You are trying to delete a column that is part of the primary key definition for the table.

User Response: Before deleting this column, remove it from the primary key definition for the table. In the Table notebook, select the **Primary** tab, and remove the column from the definition.

DWC03170E The Attribute cannot be deleted because it is being used by one or more Foreign Keys.

Explanation: You are trying to delete a column that is part of one or more foreign key definitions.

User Response: Before deleting this column, remove it from the foreign key definitions. Open the Table notebook for the tables with the foreign key definition. Select the **Foreign** tab, and remove the column from the definitions.

DWC03171E The Table/File cannot be deleted because it is being used by one or more steps.

Explanation: You are trying to delete a table or file that is specified for a Data Warehouse Center Program in use by a step.

User Response: Before deleting the table or file, remove it from the step. You can see a list of steps using the table by selecting the **Usage** tab on the Table Notebook.

DWC03301E A Resource attached to step "<step-name>" as a target Resource did not set the warehouse flag.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03302E A Resource attached to a step as a source Resource does have the warehouse flag set indicating this is a warehouse Resource.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03303E A Resource is associated with a Security Group as both a source and target.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03304E A Resource "<resource-name>" is associated with a Security Group as a source but the iswarehouse flag is set, indicating this is a warehouse.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03305E A Resource "<resource-name>" is associated with a Target Group as a target but the iswarehouse flag is not set, indicating this is not a warehouse.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03306E A resource "<resource-name>" is associated with a Data Warehouse Center program that is not a DB2 stored procedure.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03307E A DataResource's (table) file type is not set correctly based on the database type of the InformationResource it is associated with.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03308E An Agent Site is being created or updated with a blank name.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03309E **An Agent Site is being created or updated with an invalid type.**

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03310E **An AIX Agent Site is being created or updated with no user ID specified.**

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03311E **The subdbType set for a Resource "<resource-name>" is invalid for the dbType specified.**

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03312E **The target Column being removed is associated with a step that is in Test and is referencing this column.**

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03466E **The select parameter for the listNext() method has not been initialized.**

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error

message and contact IBM Software Support with the information.

DWC03470E **An invalid DB2columnbuffer list was passed to the database object.**

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03471E **An invalid parameter pointer list was passed to the database object.**

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03477E **A create or update was issued with the 'name' field of the database not initialized.**

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03479E **A create or update was issued with the 'dbType' field of the database not initialized.**

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03480E **A create or update was issued with the 'subdbType' field of the database "<database>" not initialized.**

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03483E The table being updated has one or more steps associated with it that are in production mode. Update was successful but the steps may need to be modified.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03484E The passed-in target database object was not valid.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03485E The table being created is missing the 'IRName' or 'name' attribute initialization

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03486E The passed in table is not valid.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03487E The database type must be a Local files or Remote files type to use this method.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03488E The password in the connect string must be keyed in.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03489E Database "<database-name>" cannot be removed from Agent Site "<agent-site-name>" because they are being used by one or more steps.

Explanation: You are trying to remove a source or target database from an Agent Site Selected List and one or more steps use the database and the agent site.

User Response: Before you can remove the database from the agent site, you must remove the references to the database and agent site from the steps.

DWC03490E Target "<target>" name "<name>" exceeds maximum length allowed for table name for the target database. Maximum table name length is "<name-length>".

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03491E Database subType not defined in internal target table. Internal error.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03492E The parameter list for creating the new KeyMap objects is empty.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03493E The warehouse Primary Key cannot be deleted or changed because is being used by one or more warehouse Foreign Keys.

Explanation: You are trying to delete a warehouse primary key definition that is in use by one or more warehouse foreign key definitions.

User Response: Before deleting the warehouse primary key definition, remove the reference to this warehouse primary key in the warehouse foreign key definition.

DWC03501E User "<name>" cannot be removed from security group "<group-name>" because there are no other security groups having Administrative Authority and have this user in it.

Explanation: You are trying to remove the logged on user, "<name>", who has Administrative privileges, from a security group, but that user does not belong to any other security groups with Administrative privileges. A logged-on user who currently has Administrative privileges (through a security group) cannot lose that authority while logged on to the Data

Warehouse Center Desktop.

User Response: Before removing the logged-on user from the security group, add the user to another security group with Administrative privileges.

DWC03502E The current logged on Data Warehouse Center user cannot be deleted.

Explanation: You are trying to delete a logged-on user, which cannot be deleted.

DWC03503E The Administration Privilege cannot be removed from security group "<security group-name>" because there are no other security groups having Administrative Authority and have this user in it.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03504E User ID "<user-ID>" cannot be created because it contains a user ID that is already assigned to an existing user.

Explanation: Each user in the Data Warehouse Center must have a unique user ID. Please choose a unique user ID.

User Response: Choose a user ID that does not conflict with an existing user ID.

DWC03700E An invalid schedule type was passed to calculate next stepSchedule.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03701E   An invalid day-of-week was passed to set-day-of-week in stepSchedule.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03702E   An invalid day-of-month was passed to set-day-of-month in stepSchedule.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03703E   An invalid month-of-year was passed to set-month-of-year in stepSchedule.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03704E   An invalid schedule frequency was passed to stepSchedule.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03705E   Invalid status for step for this particular operation.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03706E   An internal error occurred.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03707E   Step "<step-name>" is recursive with either its children, parents, or cascades currently defined.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03708E   The step relationship to step alias is not initialized.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03709E   The target database associated with this step alias's step, is not initialized.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03710E   The step relationship to AttributeLink is not initialized.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03711E The storage buffer for the listNext() method has not been initialized.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03712E The select parameter for the listNext() method has not been initialized.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03713E The target database is not initialized in the step.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03714E The input database list is not initialized in the step.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03716E The input parameters for the deepCopy() method are not set.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03717E The source step input parameter on the deepCopy() method has not been retrieved or created yet.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03719E The object passed in is not a token.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03726E Step - transient step has a schedule.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03729E Step - has no associated output database.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03730E The step has no Agent Site assigned.

Explanation: A Data Warehouse Center error occurred.

User Response: Please assign an Agent Site and re-promote.

DWC03735E Step "<step-name>" does not have at least one column that is extracted from either a source table or literal.

Explanation: You are trying to create a step.

User Response: Return to column mapping tab of the step notebook and add at least one column.

DWC03737E Step "<name>" does not have at least one column that is either pulled from a source table or a literal.

Explanation: You are trying to promote to Test status a step that specifies that the target table be created by the Data Warehouse Center, but the target table does not have a column defined that is either extracted from a source column or is a literal.

User Response: You must add at least one column to the target table that is either pulled from a source column or a literal.

DWC03743E The table "<table-name>" has no columns associated with it.

Explanation: This error can only occur if you are promoting to Test and the target table does not have any columns defined in the target table definition.

User Response: Go to the Properties of the Target Table notebook and make sure that you define the appropriate number of columns for the target table. If the target table definition was created as a default target table by way of the Step notebook, make sure that you have selected columns from a source.

DWC03744E Step - A database has no input attribute.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03745E Step - A database has no output attribute.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03746E Step - A program function has no program name.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03747E Step - A program function has no function name.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03751E 'Max editions' value for step "<step-name>" is set to 0.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03754E An invalid map type was encountered.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03755E Step: "<step-name>" has a child step named: "<step-name>" that is in development.

Explanation: You are trying to promote to Test status a step that has one or more source (child) steps that are in Development status.

User Response: You must promote to Test status all the source (child) steps of the parent step before the parent step can be promoted to Test status.

DWC03756E Step: "<step-name>" has a child step named: "<step-name>" that is NOT in Production state.

Explanation: You are trying to promote to Production a step that has one or more source (child) steps that are still in Development or Test status.

User Response: You must promote to Production status all the source (child) steps of the parent step before the parent step can be promoted to Production status.

DWC03757E Step: "<step-name>" has a parent step named: "<step-name>" that is in NOT in Development state.

Explanation: You are trying to demote to Development status a step that has one or more target parent steps that are in Test or Production status.

User Response: Before you can demote the step to Development status, you must demote to Development status any steps that use this step as a source.

DWC03758E Can only change max editions field when a step has development or test status.

Explanation: You are trying to change the edition number for a step. You cannot do this because this step has production status.

User Response: Demote the step to test or development status. Then, change the step edition.

DWC03759E Can only change atomic flag field when step is in Development state.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03765E Step: "<step-name>" has a parent step named: "<parent-step-name>" that is in Production state.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03766E Step: "<step-name>" cannot be activated. It has no schedules, cascades, or no by request capability.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03767E Step: "<name>"'s select statement refers to a Data Warehouse Center token '&cur_edtn.ddd.ttt' where 'ddd' or 'ttt' is invalid.

Explanation: You have specified a Data Warehouse Center Token &cur_edtn.ddd.ttt, where the values of ddd, the target database name and ttt is the target table name, are not valid. The Data Warehouse Center was unable to find a step that has a target table name of ttt in a warehouse with a database name of ddd. The &cur_edtn.ddd.ttt token gets the current step edition number for a step in the specified database with the specified target table.

User Response: Correct the value of ddd, ttt, or

both, to match a target table in a Data Warehouse Center warehouse that is associated with a step.

DWC03768E Step: "<step-name>"'s select statement refers to a Data Warehouse Center token '&cur_edtn.ddd.ttt' where there are no editions for the step associated with 'ddd.ttt'.

Explanation: You have specified a Data Warehouse Center Token &cur_edtn.ddd.ttt, where ddd is the target database name, and ttt is the target table name. The step associated with this target table in this target database does not have any editions stored in the target table. The &cur_edtn.ddd.ttt token gets the current step edition number for a step in the specified database with the specified target table.

User Response: Correct the value of ddd, ttt, or both, to match a target table in a Data Warehouse Center warehouse that is associated with a step that specifies one or more editions. Also, verify on the Work in Progress window that the step has run.

DWC03774E Cannot add new columns to step "<step-name>" because target Resource is AS/400 V3.1 and does not support SQL ALTER command.

Explanation: A Data Warehouse Center error occurred.

User Response: Do not try to add columns after a table has been created. Stop and create the table again with the new columns.

DWC03775E The list of new ProgParms to create is empty.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03776E Cannot delete the Data Warehouse Center Program because it is being used by a step.

Explanation: You are trying to delete a Data Warehouse Center Program that is in use by one or more steps.

User Response: Select the **Usage** Tab of the Program notebook to determine what steps are using this Data Warehouse Center Program. Before deleting this Data Warehouse Center Program, change any references to the Data Warehouse Center Program in the steps.

DWC03777E Cannot delete the Data Warehouse Center Program because it is being used by one or more steps as a Cascaded Data Warehouse Center Program.

Explanation: You are trying to delete a Data Warehouse Center Program that one or more steps uses as a conditional cascade program.

User Response: Select the **Usage** tab of the Program notebook to determine what steps are using this Data Warehouse Center Program. Before deleting this user - defined program, delete or change any references to the Data Warehouse Center Program in the steps by clicking **Program** in the Schedule page of the step notebook.

DWC03778E Cannot delete a Data Warehouse Center default Data Warehouse Center Program Group.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03779E Cannot delete the Data Warehouse Center Program Group because it contains one or more Data Warehouse Center Programs.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03780E The Data Warehouse Center token selected in the Data Warehouse Center Program parameter command string is not a valid one.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03783E The ProgFunc associated object is not set up.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03784E The ProgType associated with this Data Warehouse Center Program is not set up.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03786E Step "<step-name-1>" has a warehouse foreign key that refers to a warehouse primary key associated with step "<step-name-2>" that is not in test or production state.

Explanation: You are trying to promote a step that refers to a warehouse primary key that is associated with a step that has development status. You must promote the step that is associated with the warehouse primary key first.

User Response: Promote the step that is associated with the warehouse primary key to test or production status. Then, you can promote the step that has the warehouse foreign key that refers to the warehouse primary key.

DWC03787E Step "<step-name-1>" has a warehouse primary key that refers to one or more warehouse foreign keys associated with step "<step-name-2>" that is not in development state.

Explanation: You are trying to demote a child step before you demote the parent step.

User Response: Demote the step that has the warehouse foreign keys to development. Then, you can demote the step that has the warehouse primary key.

DWC03788E The warehouse primary key defined for step "<step-name>" cannot be deleted or changed because it is being used by one or more warehouse foreign keys.

Explanation: You cannot delete or change a warehouse primary key that is being referred to by one or more warehouse foreign keys.

User Response: Demote to development the steps that have the warehouse foreign keys that refer to the warehouse primary key. Or, remove the warehouse foreign keys from these steps. Then, you can delete or change your warehouse primary key.

DWC03791E   Step "<step-name>" is using a Data Warehouse Center program that has a parameter containing blank data in the Parameter Text field. This must be provided before promote.

Explanation: You cannot promote a step that refers to a program definition which contains undefined parameters.

User Response: Provide a definition for the undefined parameter. To do this, open the parameter list for your program and define any parameters that have blank fields. If you want to define the parameter for the program as it runs with a particular step, access the parameter list through the step notebook for the step. If you want to define a parameter for the definition of the program, access the parameter list.

DWC03792E   Each comparison value for IN and NOT IN must be enclosed in single quotes. For example, enter values abc and def as 'abc', 'def'. Re-enter the correct values.

Explanation: The value you entered in the Values field is not valid for **in** or **not in** operators. All string values entered for the following comparison operators must be enclosed in single quotes:

- **in**
- **not in**
- **like**
- **not like**
- **between**
- **not between**

For more information on valid values, see the Data Warehouse Center online help for "Locate".

User Response: Re-enter a valid string in the Values field.

DWC03793E   Comparison values for IN and NOT IN cannot have non-blank characters in between the ending single quote of a value and the comma separator. For example, enter values abc and def as 'abc', 'def'. Re-enter the correct values.

Explanation: The value you entered in the Values field is not valid for **in** or **not in** operators. You cannot have non-blank characters between the ending quote of a value and the comma. This message applies to the following comparison operators:

- **in**
- **not in**
- **between**
- **not between**

For more information on valid values, see the Data Warehouse Center online help for "Locate".

User Response: Re-enter a valid string in the Values field.

DWC03794E   Comparison values for IN and NOT IN cannot have non-blank characters in between the comma separator and the beginning single quote of the next value. For example, enter values abc and def as 'abc', 'def'. Re-enter the correct values.

Explanation: The value you entered in the Values field is not valid for **in** or **not in** operators. You cannot have non-blank characters in between the beginning single quote of a value and the comma. For more information on valid values, see the Data Warehouse Center online help for "Locate".

User Response: Re-enter a valid string in the Values field.

DWC03795E Comparison values IN and NOT IN require parameters, for example, 'abc', 'def'. Re-enter the correct values.

Explanation: The value you entered in the Values field is not valid for **in** or **not in** operators. The value might not be enclosed in quotes or it is missing a closing single quote. All string values entered for the following comparison operators must be enclosed in single quotes:

- **in**
- **not in**
- **like**
- **not like**
- **between**
- **not between**

For more information on valid values, see the Data Warehouse Center online help for "Locate".

User Response: You might need to enclose the **Value** in the Values field in quotes or you might need to add a closing single quote to the end of the value. See the Data Warehouse Center online help for the proper format of values that use the IN and NOT IN comparison operators.

DWC03796E A beginning single quote is missing from the value in the Values field. Each comparison value for BETWEEN and NOT BETWEEN must be enclosed in single quotes. For example, enter values abc and def as 'abc', and 'def'. Re-enter the correct values.

Explanation: The value you entered in the Values field is missing a beginning single quote. All string values entered for the following operators must be enclosed in single quotes:

- **in**
- **not in**
- **like**
- **not like**
- **between**

- **not between**

For more information on valid values, see the Data Warehouse Center online help for "Locate".

User Response: Add a beginning single quote to the value in the **Values** field.

DWC03797E An ending single quote is missing from the value in the Values field. Each comparison value for BETWEEN and NOT BETWEEN must be enclosed in single quotes. For example, enter values abc and def as 'abc', and 'def'. Re-enter the correct values.

Explanation: The value you entered in the Values field is missing an ending single quote. All string values entered for the following operators must be enclosed in single quotes:

- **in**
- **not in**
- **like**
- **not like**
- **between**
- **not between**

For more information on valid values, see the Data Warehouse Center online help for "Locate".

User Response: Add an ending single quote to the value in the **Values** field.

DWC03798E Comparison values for BETWEEN and NOT BETWEEN cannot have non-blank characters in between the ending single quote of a value and the AND separator. For example, enter values abc and def as 'abc' and 'def'. Re-enter the correct values.

Explanation: The value you entered in the Values field is not valid for **between** or **not between** operators. You cannot have non-blank characters in between the ending quote of a value and the **and** separator. For more information on valid values, see the Data

Warehouse Center online help for "Locate".

User Response: Re-enter a valid string in the Values field.

DWC03799E Comparison values for BETWEEN and NOT BETWEEN cannot have non-blank characters in between the AND separator and the beginning single quote of the next value. For example, enter values abc and def as 'abc' and 'def'. Re-enter the correct values.

Explanation: The value you entered in the Values field is not valid for **between** or **not between** operators. You cannot have non-blank characters in between the **and** separator and the beginning quote of the next value. For more information on valid values, see the Data Warehouse Center online help for "Locate".

User Response: Re-enter a valid string in the Values field.

DWC03800E Comparison values BETWEEN and NOT BETWEEN cannot not have non-blank characters after the last value. Delete extra non-blank characters that follow the ending quote for the last value in the Values field.

Explanation: The value you entered in the Values field is not valid for **between** or **not between** operators. You cannot have non-blank characters following the last value in the **Values** field. For more information on valid values, see the Data Warehouse Center online help for "Locate".

User Response: Delete any non-blank characters that follow the ending quote for the last value in the **Values** field.

DWC03801E Step is being created or updated without a 'name' specified. Must specify a unique name for a step.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03802E Step "<step-name>" is being created or updated with an invalid value for stepType.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03803E Step is being created or updated with the atomicFlag set incorrectly. Step either has target and source databases the same or should set atomicFlag to FALSE.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03804E Step "<step-name>" being created or updated is not associated with either a Warehouse or Subject.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03805E Step "<step-name>" being created or updated is associated with a target table that is not in the step's Warehouse.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03806E Step "\<step-name>" being created or updated is associated with a target table that is not in the step's Warehouse.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03807E Step "\<step-name>" being created or updated is associated with source resource but the source tables are not associated with the step's source database.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03808E Step "\<step-name>" being created or updated is associated with source resource but it has no source tables associated with it.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03809E Step "\<step-name>" being created or updated is associated with a source table which is a target table from another step but that child step is not in the child step relationship.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03810E Step "\<step-name>" being created or updated does not have an Update Security Group associated with it.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03811E Data Warehouse Center program grouping has no name on a create or update.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03812E Data Warehouse Center program definition has no name on a create or update.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03813E Data Warehouse Center program definition has no program name specified on a create or update.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03814E Data Warehouse Center program definition "\<definition-name>" is not associated with a Program Group.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03815E **Data Warehouse Center program instance "<instance-name>" is not associated with a step.**

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03816E **Data Warehouse Center program instance "<instance-name>" is not associated with a program definition.**

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03817E **Data Warehouse Center program parameter is being created or updated without a name.**

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03818E **Data Warehouse Center program parameter "<parameter-name>" is associated with a ProgFunc, TrigFunc, or AggreFunc.**

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03819E **Data Warehouse Center program parameters associated with a ProgFunc, TrigFunc, or AggreFunc called "<function-name>" does not have unique ordering.**

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03820E **Subject is being created or updated without a specified name.**

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03821E **Step being demoted to development has target table that is being used by another step that is in either test or production state.**

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03826E **stepSchedule - attribute mismatch during equalize of two schedules.**

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03827E **stepSchedule - an invalid copy to itself was attempted.**

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03828E stepSchedule - an invalid copy from itself was attempted.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03829E stepSchedule - an invalid value was specified for set-minute.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03830E stepSchedule - an invalid value was specified for set-second.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03831E stepSchedule - an invalid value was specified for set-hour.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03832E stepSchedule - an invalid value was specified for set-year.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error

message and contact IBM Software Support with the information.

DWC03834E The logged on user has not been initialized in the Data Warehouse Center.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC03835E The subject cannot be deleted because it contains one or more processes.

Explanation: You are trying to remove a subject that contains one or more processes. You need to remove the processes from the subject before you can remove the subject.

User Response: Remove the processes from the subject before you remove the subject.

DWC03836E The object has steps associated with it and cannot be removed.

Explanation: You are trying to remove a particular object that still has steps associated with it. You must remove the associated steps before you remove the object.

User Response: Remove the steps from the object before you remove the object.

DWC03837E There are existing Steps that are in production that use this step as a source. Remove of target not done.

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC03838E There are existing steps in this process that use this table as a source. The source table was not removed.

Explanation: You are trying to remove a table from a process but there are steps in the process that are using this table as a source table. You must first remove the data links between the table and the step(s) before removing the table from the process.

User Response: Remove the data links between the table and the step(s) before you remove the table from the process.

DWC03839E There are existing steps in this process that use this table as a target. The target table was not removed.

Explanation: You are trying to remove a table from the process but one or more steps in the process are using this table as a target table.

User Response: Remove the data link between this table and the step before you try to remove the table from the process.

DWC03840E The source or target table being attached to this step is not one of the tables associated with this process. The table was not attached.

Explanation: The source or target table that you are trying to attach to the step is not associated with this process.

User Response: The source or target table that you are trying to attach to the step is not associated with this process.

DWC03846E The name of the step cannot be changed because the step is currently running.

Explanation: You are trying to change the name of a step that is in test or production mode and that step is currently running.

User Response: Please change the name of the

step when the step is not running. You can use the WIP to determine if the step is currently running.

DWC05001E A call to new failed. Memory name: "<memory-name>". Attempted size: "<attempted-size>".

Explanation: An internal error occurred. Insufficient memory.

User Response: Close open windows or applications to free up memory.

DWC05002E Invalid command line arguments received.

Explanation: You are attempting to run a Data Warehouse Center program that has invalid command line arguments.

User Response: You entered an incorrect number of command line arguments for your Data Warehouse Center program. Re-enter the command.

DWC05003E An invalid log message type was received.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC05004E The Log Server could not open the Data Warehouse Center license file "<file-name>". The warehouse server could not be started.

Explanation: The Data Warehouse Center license file is damaged or corrupt.

User Response: Reinstall Data Warehouse Center.

DWC05005E **The Log Server could not read the Data Warehouse Center license "<file-name>". The Data Warehouse Center server could not be started.**

Explanation: The Data Warehouse Center license file is damaged or corrupt.

User Response: Reinstall Data Warehouse Center.

DWC05006E **Your Data Warehouse Center license file has expired. The warehouse server could not be started. Please contact your IBM sales representative.**

Explanation: The Data Warehouse Center license file expired.

User Response: Contact your IBM sales representative.

DWC05007E **Attention: Your Data Warehouse Center license file will expire in "<number-of>" days. The warehouse server will be started. Please contact your IBM sales representative soon!**

Explanation: Your Data Warehouse Center license is about to expire.

User Response: Contact your IBM sales representative.

DWC05008E **The program cannot load the db2licm.dll file.**

Explanation: The db2licm.dll file cannot be found.

User Response: Make sure that db2licm.dll is in the correct DB2 path (SQLLIB\BIN).

DWC05009E **The entry point for LicRequestAccess cannot be found in the db2licm.dll file.**

Explanation: The db2licm.dll file may have been corrupted.

User Response: Make sure that the db2licm.dll file is good.

DWC05010E **The server, logger, or agent program cannot be started.**

Explanation: The license has expired, or it does not have the authority to execute the command (agent), or the program has no license.

User Response: Check to make sure that there is an appropriate license.

DWC06001E **A Receive() or HaltReceive() was attempted before calling InitializeReceive().**

Explanation: A Data Warehouse Center internal error occurred.

The secondary return code (if one exists) displays an error number that is returned by your operating system.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC06002E **A call to new failed. Memory name: "<name>". Attempted size: "<size>".**

Explanation: A Data Warehouse Center internal error occurred.

The secondary return code (if one exists) displays an error number that is returned by your operating system.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC06003E **A Send() was attempted before calling InitializeSend().**

Explanation: A Data Warehouse Center internal error occurred.

The secondary return code (if one exists) displays an error number that is returned by your operating system.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC06004E The number of bytes specified in the socket message is invalid. Expected receive count in bytes: "<count>". Actual receive count in bytes: "<count>".

Explanation: A Data Warehouse Center internal error occurred.

The secondary return code (if one exists) displays an error number that is returned by your operating system.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC06005E The data buffer to be sent is too long. Allowed length in bytes: "<length>". Requested length in bytes: "<length>".

Explanation: A Data Warehouse Center internal error occurred.

The secondary return code (if one exists) displays an error number that is returned by your operating system.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC06100E Unable to initialize the TCP/IP environment.

Explanation: The Windows NT TCP/IP sockets software cannot initialize itself.

The secondary return code (if one exists) displays an error number that is returned by your operating system.

User Response: Make sure that TCP/IP is fully installed and configured on this machine. If so, restart the machine and retry the operation.

DWC06101E The socket cleanup routine failed.

Explanation: The Windows NT TCP/IP sockets software cannot terminate itself.

The secondary return code (if one exists) displays an error number that is returned by your operating system.

User Response: Make sure that TCP/IP is fully installed and configured on this machine. If so, restart the machine and retry the operation.

DWC06102E The call to the socket function socket() failed.

Explanation: The Windows NT TCP/IP sockets software cannot terminate itself.

The secondary return code (if one exists) displays an error number that is returned by your operating system.

User Response: Make sure that TCP/IP is fully installed and configured on this machine, and the network is operational. If so, restart the machine and retry the operation.

DWC06103E The call to socket function bind() failed. Port#: "<port-number>".

Explanation: One of the following errors occurred:
- A network subsystem failed.
- Either the port number that the Data Warehouse Center was trying to use is already in use by something else or there are no more free ports available.
- Too many TCP/IP connections already exist; there are not enough buffers available.

The secondary return code (if one exists) displays an error number that is returned by your operating system.

User Response: Verify that all local ports are not in use. Make sure that TCP/IP is fully installed and configured on this machine, and the network is operational. If so, restart the machine and retry the operation.

DWC06104E The call to the socket function listen() failed. Instance count: "<count>".

Explanation: The Windows NT TCP/IP sockets software cannot terminate itself.

The secondary return code (if one exists) displays an error number that is returned by your operating system.

User Response: Make sure that TCP/IP is fully installed and configured on this machine, and the network is operational. If so, restart the machine and retry the operation.

DWC06105E The call to the socket function connect() failed. Destination host: "<hostname>". Destination port: "<port-ID>". Retry count: "<count>". Retry interval: "<interval>".

Explanation: The Windows NT TCP/IP sockets software cannot connect to a partner process, failing with an error other than ECONNREFUSED.

The secondary return code (if one exists) displays an error number that is returned by your operating system.

User Response: Make sure that TCP/IP is fully installed and configured on this machine, and the network is operational. If so, restart the machine and retry the operation.

DWC06106E Repeated calls to the socket function connect() failed. The message could not be sent. Destination host: "<hostname>". Destination port: "<port- ID>". Connections attempted: "<amount>".

Explanation: Either the Data Warehouse Center could not establish a TCP/IP connection to a partner process, an agent process terminated abnormally, or your Data Warehouse Center license has expired.

The secondary return code (if one exists) displays

an error number that is returned by your operating system.

User Response: Ensure that the warehouse server, logger, and remote agent daemon (if applicable) are running in NT Services. Or, if your Data Warehouse Center license has expired, contact your IBM Software Support.

DWC06107E The call to the socket function accept() failed.

Explanation: The TCP/IP sockets software cannot accept data from a partner process.

The secondary return code (if one exists) displays an error number that is returned by your operating system.

User Response: Make sure that TCP/IP is fully installed and configured on this machine, and the network is operational. If so, restart the machine and retry the operation.

DWC06108E The call to the socket function recv() failed while attempting to receive the message length bytes. Expected length in bytes: "<length>".

Explanation: The TCP/IP sockets software aborted while receiving the first four bytes of data from a partner process.

The secondary return code (if one exists) displays an error number that is returned by your operating system.

User Response: Make sure that TCP/IP is fully installed and configured on this machine, and the network is operational. If so, restart the machine and retry the operation.

DWC06109E The call to the socket function recv() failed while attempting to receive the message data. Expected length in bytes: "<length>".

Explanation: The TCP/IP sockets software aborted while receiving the message data from a partner process.

The secondary return code (if one exists) displays an error number that is returned by your operating system.

User Response: Make sure that TCP/IP is fully installed and configured on this machine, and the network is operational. If so, restart the machine and retry the operation.

DWC06110E The call to the socket function send() failed. Destination host: "<hostname>". Destination port: "<port-ID>". Message length in bytes: "<length>".

Explanation: The TCP/IP sockets software aborted while receiving the first four bytes of data from a partner process.

The secondary return code (if one exists) displays an error number that is returned by your operating system.

User Response: Make sure that TCP/IP is fully installed and configured on this machine, and the network is operational. If so, restart the machine and retry the operation.

DWC06111E The call to the socket function closesocket() failed.

Explanation: The TCP/IP sockets software cannot close a socket connected to a partner process.

The secondary return code (if one exists) displays an error number that is returned by your operating system.

User Response: Make sure that TCP/IP is fully installed and configured on this machine, and the network is operational. If so, restart the machine and retry the operation.

DWC06112E The call to the socket function getsockname() failed. Port#: "<port- number>".

Explanation: The TCP/IP sockets software cannot obtain the address of the current socket.

The secondary return code (if one exists) displays

an error number that is returned by your operating system.

User Response: Make sure that TCP/IP is fully installed and configured on this machine, and the network is operational. If so, restart the machine and retry the operation.

DWC06113E The call to the socket function gethostbyname() failed. Hostname: "<hostname>".

Explanation: The TCP/IP sockets software cannot retrieve the symbolic hostname. Verify that the \etc\hosts file exists.

The secondary return code (if one exists) displays an error number that is returned by your operating system.

User Response: Make sure that TCP/IP is fully installed and configured on this machine, and the network is operational. If so, restart the machine and retry the operation.

You may consider adding the target hostname with the domain name (if it is available) in your \etc\hosts file.

DWC06114E The call to the socket function gethostname() failed.

Explanation: The TCP/IP sockets software cannot retrieve the symbolic hostname.

The secondary return code (if one exists) displays an error number that is returned by your operating system.

User Response: Make sure that TCP/IP is fully installed and configured on this machine, and the network is operational. If so, restart the machine and retry the operation.

DWC06115E The call to the socket function getservbyname() failed. Service name: "<service- name>".

Explanation: The TCP/IP sockets software cannot retrieve the symbolic service name from the \etc\services file.

The secondary return code (if one exists) displays

an error number that is returned by your operating system.

User Response: Verify that the etc\services file exists. Make sure that TCP/IP is fully installed and configured on this machine, and the network is operational. If so, restart the machine and retry the operation.

DWC06116E The call to the socket function inet_ntoa failed. Hostname: "<hostname>".

Explanation: The TCP/IP sockets software cannot convert the 32 bit Internet address to dotted decimal notation.

The secondary return code (if one exists) displays an error number that is returned by your operating system.

User Response: Make sure that TCP/IP is fully installed and configured on this machine, and the network is operational. If so, restart the machine and retry the operation.

DWC06117E The warehouse server "<hostname>" on port# "<port-ID>" is not responding at this time.

Explanation: The warehouse server "<hostname>" on port# "<port-ID>" is not responding at this time.

The secondary return code (if one exists) displays an error number that is returned by your operating system.

User Response: Go to the Services applet on the control panel and check the state of the Data Warehouse Center Server and the Data Warehouse Center Logger Services. Restart one or both if necessary.

DWC06118E Your logon attempt to the warehouse server failed.

Explanation: The Data Warehouse Center client attempted to use all of the available local client IP addresses to communicate to the warehouse server. However, none of the local client IP addresses were able to receive responses from the warehouse server.

User Response: Verify that your warehouse server is active and that the TCP/IP communication between your local client and the warehouse server is active.

DWC06119E The warehouse client failed to receive a response from the warehouse server.

User Response: Verify that the warehouse server is active and that the TCP/IP communication between your local client and warehouse server is active. Then close the Data Warehouse Center and logon again.

DWC06200E An unexpected communications error has occurred.

Explanation: Either TCP/IP is not configured correctly or you specified the wrong server when you logged on.

User Response: Verify that TCP/IP is configured correctly. If TCP/IP is configured correctly, ensure that the server you specified when you logged on is correct.

DWC07000E The warehouse server was unable to retrieve step "<step-name>". The error occurred while processing a job of type "<job-type>" for edition "<edition-number>".

Explanation: Data Warehouse Center was unable to retrieve from the control database the metadata for the step.

User Response: Verify that the step definition still exists and the control database is still accessible from the warehouse server machine. If the problem persists, record all details of this error message and contact IBM Software Support with the information.

DWC07001E The warehouse server was unable to update step "<step-name>". The error occurred while processing a job of type "<job-type>".

Explanation: Data Warehouse Center was unable to save in the control database changes to a step definition.

User Response: Verify that the step definition still exists and the control database is still accessible from the warehouse server machine. If the problem persists, record all details of this error message and contact IBM Software Support with the information.

DWC07003E The warehouse server was unable to change the status of step "<step-name>". The error occurred while processing a job of type "<job-type>".

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC07005E The warehouse server was unable to construct the select statement for step "<step-name>". The error occurred while processing a command of type "<command-type>" for edition "<edition-number>".

Explanation: Data Warehouse Center was unable to retrieve from the control database the SQL defined for a step.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07006E The warehouse server was unable to construct the insert statement for step "<step-name>". The error occurred while processing a command of type "<command-type>" for edition "<edition-number>".

Explanation: Data Warehouse Center was unable to retrieve from the control database the metadata required to build the SQL to insert rows into the target table.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07007E The warehouse server was unable to construct the delete statement for step "<step-name>". The error occurred while processing a command of type "<command-type>" for edition "<edition-number>".

Explanation: Data Warehouse Center was unable to retrieve from the control database the metadata required to build an SQL delete statement.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07008E The warehouse server was unable to construct the create statement for step "<step-name>". The error occurred while processing a command of type "<command-type>" for edition "<edition-number>".

Explanation: Data Warehouse Center was unable to retrieve from the control database the metadata required to build a CREATE TABLE statement.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07009E The warehouse server was unable to construct the drop statement for step "\<step-name\>". The error occurred while processing a command of type "\<command-type\>" for edition "\<edition-number\>".

Explanation: Data Warehouse Center was unable to retrieve from the control database the metadata required to build a DROP TABLE statement.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07010E The warehouse server was unable to retrieve the retry count for step "\<step-name\>". The error occurred while processing a job of type "\<job-type\>" for edition "\<edition-number\>".

Explanation: Data Warehouse Center was unable to retrieve from the control database the maximum number of retry attempts for the step.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07011E The warehouse server was unable to retrieve the retry interval for step "\<step-name\>". The error occurred while processing a job of type "\<job-type\>" for edition "\<edition-number\>".

Explanation: Data Warehouse Center was unable to retrieve from the control database the retry interval for the step.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07012E The warehouse server was unable to list the child steps of step "\<step-name\>". The error occurred while processing a job of type "\<job-type\>" for edition "\<edition-number\>".

Explanation: Data Warehouse Center was unable to retrieve from the control database the list of child steps for the step.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07013E The warehouse server was unable to list the concurrently-cascaded steps of step "\<step-name\>". The error occurred while processing a job of type "\<job-type\>" for edition "\<edition-number\>".

Explanation: Data Warehouse Center was unable to retrieve from the control database the list of steps that are cascaded by the given step.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07014E The warehouse server was unable to list the cascaded steps of step "\<step-name\>". The error occurred while processing a job of type "\<job-type\>" for edition "\<edition-number\>".

Explanation: Data Warehouse Center was unable to retrieve from the control database the list of steps that are cascaded by the given step.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07015E The warehouse server was unable to list the schedules of step "<step-name>". The error occurred while processing a job of type "<job-type>" for edition "<edition-number>".

Explanation: Data Warehouse Center was unable to retrieve from the control database the schedules for the step.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07016E The warehouse server was unable to calculate the next scheduled population of step "<step-name>". The error occurred while processing a job of type "<job-type>" for edition "<edition-number>".

Explanation: Data Warehouse Center was unable to calculate the next date in a recurring schedule.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07017E The warehouse server was unable to retrieve database "<database-name>". The error occurred while processing a job of type "<job-type>".

Explanation: Data Warehouse Center was unable to retrieve from the control database the metadata for the database.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07018E The warehouse server was unable to retrieve the source database for step "<step-name>". The error occurred while during "<operation-type>" processing for edition "<edition-number>".

Explanation: Data Warehouse Center was unable to retrieve from the control database the

metadata for the source database. The Data Warehouse Center attempted to retrieve the data while performing the specified type of operation.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07019E The warehouse server was unable to retrieve the target database for step "<step>". The error occurred during "<operation-type>" processing for edition "<edition-number>".

Explanation: The warehouse server was unable to retrieve the target database for step "<step-name>". The error occurred while during "<operation-type>" processing for edition "<edition-number>".

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07020E The warehouse server was unable to retrieve the attribute mapping information for step "<step-name>". The error occurred while processing a command of type "<command-type>" for edition "<edition-number>".

Explanation: Data Warehouse Center was unable to retrieve from the control database the metadata required to map the selected columns of the SELECT statement for the source tables to the columns of the INSERT statement for the target table.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07021E The warehouse server was unable to retrieve an output attribute of step "<step-name>". The error occurred while processing a command of type "<command-type>" for edition "<edition-number>".

Explanation: Data Warehouse Center was unable to retrieve from the control database the metadata for the columns of the INSERT statement for the target table.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07022E The warehouse server was unable to retrieve an input attribute of step "<step-name>". The error occurred while processing a command of type "<command-type>" for edition "<edition-number>".

Explanation: Data Warehouse Center was unable to retrieve from the control database the metadata for the columns of the SELECT statement for the source tables.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07023E The warehouse server was unable to retrieve the agent site for step "<step-name>". The error occurred while processing edition "<edition-number>".

Explanation: Data Warehouse Center was unable to retrieve from the control database the metadata required to connect to an agent site.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07024E The warehouse server was unable to retrieve the agent site for database "<database- name>".

Explanation: Data Warehouse Center was unable to retrieve from the control database the

agent site metadata for the database.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07025E The warehouse server was unable to retrieve the aggregation function for step "<step-name>". The error occurred during "<operation-type>" processing for edition "<edition-number>".

Explanation: Data Warehouse Center was unable to retrieve from the control database the metadata for a Data Warehouse Center Program.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07026E The warehouse server was unable to retrieve the target database for step "<step-name>". The error occurred while processing a command of type "<command-type>" for edition "<edition-number>".

Explanation: Data Warehouse Center was unable to retrieve from the control database the metadata for the target database.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07027E The warehouse server was unable to list the source databases for step "<step-name>". The error occurred while processing a command of type "<command-type>" for edition "<edition-number>".

Explanation: Data Warehouse Center was unable to retrieve from the control database the metadata for the target database.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07028E   The warehouse server was unable to retrieve the conditional cascade function for step "<step-name>". The error occurred during "<job-type>" processing for edition "<edition-number>".

Explanation: Data Warehouse Center was unable to retrieve from the control database the metadata for a conditional cascade program or postprocessing program.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07029E   The warehouse server was unable to list the steps conditionally cascaded from step "<step-name>". The error occurred while processing a job of type "<job-type>" for edition "<edition-number>".

Explanation: Data Warehouse Center was unable to retrieve from the control database the list of steps to which the given step conditionally cascades.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07030E   The warehouse server was unable to get the grant statements for step "<step-name>". The error occurred while processing a command of type "<command-type>" for edition "<edition-number>".

Explanation: The warehouse server was unable to retrieve from the control database the SQL GRANT statements for the step.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07031E   The warehouse server was unable to list the aliases for step "<step-name>". The error occurred while processing a command of type "<command-type>" for edition "<edition-number>".

Explanation: Data Warehouse Center was unable to retrieve from the control database the list of Data Warehouse Center-defined aliases for the step.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07032E   The warehouse server was unable to get the create statement for alias "<alias-name>" of step "<step-name>". The error occurred while processing a command of type "<command-type>" for edition "<edition-number>".

Explanation: Data Warehouse Center was unable to retrieve from the control database the metadata required to generate the SQL to create an alias for the step.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07033E   The warehouse server was unable to get the drop statement for alias "<alias-name>" of step "<step-name>". The error occurred while processing a command of type "<command-type>" for edition "<edition-number>".

Explanation: Data Warehouse Center was unable to retrieve from the control database the metadata required to generate the SQL to drop an alias for the step.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07034E The warehouse server was unable to list the source attributes for step "<step-name>". The error occurred while processing a command of type "<command-type>" for edition "<edition-number>".

Explanation: Data Warehouse Center was unable to retrieve from the control database the metadata for the attributes of the step.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07035E The warehouse server was unable to retrieve user "<user-name>". The error occurred in response to an authentication request from client "<client-name>".

Explanation: Data Warehouse Center was unable to retrieve the specified user ID from the control database.

User Response: Verify that the user ID provided is correct and is still defined to the Data Warehouse Center server.

DWC07036E The warehouse server was unable to retrieve the step from database "<database-name>". The error occurred while processing a command of type "<command-type>".

Explanation: Data Warehouse Center was unable to retrieve from the control database a step associated with the target database.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07037E The warehouse server was unable to retrieve the connect string for edition "<edition-number>" of step "<step-name>". The error occurred while processing a command of type "<command-type>".

Explanation: Data Warehouse Center was unable to retrieve from the control database the ODBC connect string that must be used to connect to the target database.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07038E The warehouse server was unable to construct the alter statement for step "<step-name>". The error occurred while processing a command of type "<command-type>".

Explanation: Data Warehouse Center was unable to retrieve from the control database the metadata required to build an SQL ALTER TABLE statement for the step.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07039E The warehouse server received an invalid step type, "<identifier>", for step "<step-name>" from the control database.

Explanation: A Data Warehouse Center internal error occurred or the control database contains invalid metadata.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC07040E **The warehouse server received an invalid program type, "<program-type-identifier>", for step"<step-name>" from the control database.**

Explanation: A Data Warehouse Center internal error occurred or the control database contains invalid metadata.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC07041E **The warehouse server could not generate a Data Warehouse Center Program command line for edition "<edition-number>" of step "<step-name>".**

Explanation: Data Warehouse Center was unable to retrieve from the control database the command-line parameters for a Data Warehouse Center Program.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07042E **The warehouse server could not generate an SQL CALL statement for edition "<edition-number>" of step "<step-name>".**

Explanation: Data Warehouse Center was unable to retrieve from the control database the metadata required to generate an SQL CALL statement for a stored procedure.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07043E **The warehouse server could not retrieve the database data for a stored procedure for edition "<edition-number>" of step "<step-name>".**

Explanation: The warehouse server could not retrieve the target database from the step.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07044E **The warehouse server was unable to list the fail-cascaded steps of step "<step-name>". The error occurred while processing a job of type "<job-type>" for edition "<edition- number>".**

Explanation: The warehouse server could not list the fail-cascaded steps.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07045E **The warehouse server was unable to list the steps fail-triggered from step "<step-name>". The error occurred while processing a job of type "<job- type>" for edition "<edition-name>".**

Explanation: The warehouse server was unable to list the steps fail-triggered from step "<step-name>". The error occurred while processing a job of type "<job- type>" for edition "<edition-name>".

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07046E **The warehouse server could not retrieve the Data Warehouse Center program parameters data for a stored procedure for edition "<edition-number>" of step "<step-name>".**

Explanation: Data Warehouse Center could not retrieve the data of the stored procedure's parameter(s) from the control database.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07047E **The warehouse server was unable to update the configuration parameter of component name "<component-name>" and value "<value>".**

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC07048E The warehouse server was unable to retrieve the data resource ID from the control database.

Explanation: The warehouse server was unable to retrieve the data resource ID from the control database.

User Response: Verify that a connection exists between the warehouse server and the control database. If a connection still exists, record all details of this error message and contact IBM Software Support with the information.

DWC07049E The warehouse server was unable to retrieve the authority of the user from the control database.

Explanation: The warehouse server was unable to retrieve the authority of the user from the control database.

User Response: Verify that the user ID and password are correct. (The user ID and password are case sensitive.) If the problem persists, record all the details of this error message and contact IBM Software Support with the information.

DWC07050E The warehouse server was unable to create edition "<edition-number>" of step "<step-name>".

Explanation: A Data Warehouse Center internal error occurred or the control database contains invalid metadata.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC07051E The warehouse server was unable to schedule edition "<edition-number>" of step "<step-name>".

Explanation: The warehouse server was unable to update its control tables.

User Response: Verify that the warehouse server still has connectivity to the control database. If a connection still exists, record all the details of this error message and contact IBM Software Support with the information.

DWC07052E The warehouse server was unable to start the population of edition "<edition-number>" of step "<step-name>".

Explanation: The warehouse server was unable to update its control tables.

User Response: Verify that the warehouse server still has connectivity to the control database. If a connection still exists, record all the details of this error message and contact IBM Software Support with the information.

DWC07053E The warehouse server was unable to complete the population of edition "<edition-number>" of step "<step-name>".

Explanation: The warehouse server was unable to update its control tables.

User Response: Verify that the warehouse server still has connectivity to the control database. If a connection still exists, record all the details of this error message and contact IBM Software Support with the information.

DWC07054E The warehouse server was unable to start the purge of edition "<edition-number>" of step "<step-name>".

Explanation: The warehouse server was unable to update its control tables.

User Response: Verify that the warehouse server still has connectivity to the control

database. If a connection still exists, record all the details of this error message and contact IBM Software Support with the information.

DWC07055E The warehouse server was unable to handle the failure of the purge of edition "<edition-name>" of step "<step-name>".

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC07056E The warehouse server was unable to delete edition "<edition-number>" of step "<step-name>".

Explanation: The warehouse server was unable to update its control tables.

User Response: Verify that the warehouse server still has connectivity to the control database. If a connection still exists, record all the details of this error message and contact IBM Software Support with the information.

DWC07057E The warehouse server was unable to delete the scheduled editions of step "<step-name>".

Explanation: The warehouse server was unable to update its control tables.

User Response: Verify that the warehouse server still has connectivity to the control database. If a connection still exists, record all the details of this error message and contact IBM Software Support with the information.

DWC07058E The warehouse server was unable to delete the editions of step "<step-name>".

Explanation: The warehouse server was unable to update its control tables.

User Response: Verify that the warehouse server still has connectivity to the control

database. If a connection still exists, record all the details of this error message and contact IBM Software Support with the information.

DWC07059E The warehouse server was unable to retrieve edition "<edition-number>" of step "<step-name>". The error occurred during the processing of a job of type "<job-type>".

Explanation: The warehouse server was unable to query its control tables.

User Response: Verify that the warehouse server still has connectivity to the control database. If a connection still exists, record all the details of this error message and contact IBM Software Support with the information.

DWC07060E The warehouse server was unable to retrieve the oldest edition of step "<step-name>". The error occurred during the processing of a job of type "<job-type>".

Explanation: The warehouse server was unable to query its control tables.

User Response: Verify that the warehouse server still has connectivity to the control database. If a connection still exists, record all the details of this error message and contact IBM Software Support with the information.

DWC07061E The warehouse server was unable to retrieve the editions which were in progress when the server was last stopped.

Explanation: The warehouse server was unable to query its control tables.

User Response: Verify that the warehouse server still has connectivity to the control database. If a connection still exists, record all the details of this error message and contact IBM Software Support with the information.

DWC07062E The warehouse server has detected that edition "<edition-number>" of step "<step-name>" has an invalid status for restart.

Explanation: A Data Warehouse Center internal error occurred or the control database contains invalid metadata.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC07063E The warehouse server was unable to retrieve the editions which are scheduled to be populated.

Explanation: The warehouse server was unable to query its control tables.

User Response: Verify that the warehouse server still has connectivity to the control database. If a connection still exists, record all the details of this error message and contact IBM Software Support with the information.

DWC07064E The warehouse server was unable to update the edition with the edition number of its parent.

Explanation: The warehouse server was unable to update its control tables.

User Response: Verify that the warehouse server still has connectivity to the control database. If a connection still exists, record all the details of this error message and contact IBM Software Support with the information.

DWC07066E The warehouse server was shut down before this edition finished populating.

Explanation: Informational message. The step edition did not finish populating before the warehouse server was shut down; all changes to the target table were rolled back. steps are populated in a single unit of work. If the warehouse server shuts down while a step is

running, all changes to the target table will be rolled back.

User Response: Run the failed step again.

DWC07067E The warehouse server was shut down before this edition finished purging.

Explanation: Informational message. The step edition did not finish purging before the Data Warehouse Center server was shut down; all changes to the target table were rolled back. If the warehouse server shuts down while a step is purging, all deleted rows will be restored in the target table.

User Response: Purge the step edition again.

DWC07068E The warehouse server was not running during the time period this edition was scheduled to run.

Explanation: This message is applicable only if the warehouse server is configured for manual restart. This step was scheduled to run during a time period that the Data Warehouse Center server was shut down. You can avoid this error by configuring the warehouse server for automatic restart; then missed steps are automatically restarted when the server is restarted. Automatic restart, however, is not recommended because it can start steps at undesirable times. Also, it can exhaust system resources because all missed steps are started concurrently.

User Response: If you need to refresh this step before the next scheduled time, manually restart or reschedule it.

Determine why the server was shut down at the time this step edition was scheduled to run.

DWC07069E The warehouse server was shut down before this step edition finished canceling.

Explanation: The step edition did not finish canceling before the warehouse server was shut down.

User Response: Purge the step edition from the Work in Progress window.

DWC07100E The warehouse server was unable to connect to the control database "<control-database- name>" with user ID of "<user-ID>".

Explanation: The warehouse server tried to connect to the control database with an invalid user ID. Either the user ID is no longer authorized to access the control database, or an invalid or misspelled user ID was provided during initialization.

User Response: Verify that the user ID is still an authorized user of the control database. Verify that the spelling and case of the user ID is correct.

DWC07101E The warehouse server was unable to retrieve parameter "<parameter-name>" from the control database.

Explanation: Data Warehouse Center was unable to retrieve from the control database one of its configuration parameters.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07102E The warehouse server retrieved a timeout parameter "<parameter-name>" with an invalid value of "<timeout-value>".

Explanation: The timeout value specified in the Configuration notebook for the given parameter is not in the valid range of values.

User Response: Start the Data Warehouse Center configuration applet. Change the timeout value for the given parameter in the Configuration notebook to a valid value.

DWC07103E The warehouse server was unable to retrieve the command-line arguments for its database agent.

Explanation: Data Warehouse Center was unable to retrieve from the control database the command-line arguments used to start the Data Warehouse Center agent.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07104E The warehouse server was unable to update configuration parameter "<parameter-name>" with value "<parameter-value>".

Explanation: Data Warehouse Center was unable to update the given configuration parameter in the control database.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07105E The warehouse server was unable to store value "<parameter-value>" into configuration parameter "<parameter-name>".

Explanation: Data Warehouse Center was unable to store the given configuration parameter in the control database.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07106E The warehouse server detected that its configured hostname "<install-host-name>" does not match the hostname of the node on which it is running "<tcpip-host-name>".

Explanation: The most common cause of this error is when the warehouse server machine is moved to another physical location and given a new TCP/IP hostname.

User Response: Open the Data Warehouse Center Configuration notebook, select the **Server** tab and change the value of the **Server Host Name** field to match the TCP/IP DNS hostname

configured for the machine.

DWC07150E The warehouse server was unable to retrieve its TCP/IP hostname.

Explanation: The Data Warehouse Center communications subsystem detected an error.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07151E The warehouse server was unable to retrieve the TCP/IP for the agent daemon.

Explanation: The Data Warehouse Center communications subsystem detected an error.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07152E The warehouse server was unable to retrieve its TCP/IP port number. The service name of the warehouse server is "<tcpip-service-name>".

Explanation: Using the Server Service Name provided to the Data Warehouse Center, the server was unable to retrieve its port number from the TCP/IP SERVICES file.

User Response: Open the Data Warehouse Center properties notebook, select the **Server** tab, and record the value of the **Server Service Name** field. Verify that this name has an a single entry in the TCP/IP SERVICES file. If there are multiple entries for this name, delete any extra ones. If the name is not in the SERVICES file, either add it manually or re-run the Data Warehouse Center initialization program. It is strongly recommended that you use the default server service name and port number that the Data Warehouse Center automatically adds for you at initialization time.

DWC07153E The warehouse server was unable to create a message queue to process a job of type "<job-type>" for edition "<edition-number>" of step "<step-name>".

Explanation: The Data Warehouse Center communications subsystem detected an error.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07154E The warehouse server was unable to create its primary message queue.

Explanation: The Data Warehouse Center communications subsystem detected an error.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07155E The warehouse server was unable to destroy the message queue used to process a job of type "<job-type>" for edition "<edition-number>" of step "<step-name>".

Explanation: The Data Warehouse Center communications subsystem detected an error.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07156E The warehouse server was unable to destroy its primary message queue.

Explanation: The Data Warehouse Center communications subsystem detected an error.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07157E The warehouse server was unable to monitor one of its agent processes.

Explanation: The Data Warehouse Center communications subsystem detected an error.

User Response: The Data Warehouse Center communications subsystem detected an error.

DWC07158E The warehouse server was unable to successfully stop monitoring one of its agent processes.

Explanation: The Data Warehouse Center communications subsystem detected an error.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07159E The warehouse server was unable to format an agent message to process a command of type "<command-type>" for edition "<edition-number>" of step "<step-name>".

Explanation: The Data Warehouse Center communications subsystem detected an error.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07160E The warehouse server was unable to format an agent message to process a command of type "<command-type>" for database "<database-name>".

Explanation: The Data Warehouse Center communications subsystem detected an error.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07161E The warehouse server was unable to format a request to spawn an agent process on host "<host-name>".

Explanation: The Data Warehouse Center communications subsystem detected an error.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07162E The warehouse server was unable to format a request to shut down an agent process.

Explanation: The Data Warehouse Center communications subsystem detected an error.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07163E The warehouse server was unable to format a request to shut down an agent process on host "<host-name>".

Explanation: The Data Warehouse Center communications subsystem detected an error.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07164E The warehouse server was unable to format a request to kill an agent process on host "<host-name>".

Explanation: The Data Warehouse Center communications subsystem detected an error.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07165E The warehouse server was unable to format a request to populate edition "<edition-number>" of step "<step-name>".

Explanation: The Data Warehouse Center communications subsystem detected an error.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07166E The warehouse server was unable to format a request to purge edition "<edition-number>" of step "<step-name>".

Explanation: The Data Warehouse Center communications subsystem detected an error.

User Response: Check the secondary return

code (RC2) and take the recommended action.

DWC07167E The warehouse server was unable to format a request to populate cascaded step "<step-name>".

Explanation: The Data Warehouse Center communications subsystem detected an error.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07168E The warehouse server was unable to format a job termination notification.

Explanation: The Data Warehouse Center communications subsystem detected an error.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07169E The warehouse server was unable to send an agent command of type "<command-type>" for edition "<edition-number>" of step "<step-name>".

Explanation: The Data Warehouse Center communications subsystem detected an error.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07170E The warehouse server was unable to send a message to shut down an agent process.

Explanation: The Data Warehouse Center communications subsystem detected an error.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07171E The warehouse server was unable to send a notification of job completion to a requester on port "<port-number>" of host "<host-name>".

Explanation: The Data Warehouse Center communications subsystem detected an error.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07172E The warehouse server was unable to send a populate request for edition "<edition-number>" of step "<step-name>" to its main queue.

Explanation: The Data Warehouse Center communications subsystem detected an error.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07173E The warehouse server was unable to send a purge request for edition "<edition-number>" of step "<step-name>" to its main queue.

Explanation: The Data Warehouse Center communications subsystem detected an error.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07174E The warehouse server was unable to send a request to spawn an agent process on host "<host-name>".

Explanation: The warehouse server could not communicate with the Data Warehouse Center agent daemon on the given agent site. This problem can occur if the agent daemon is not started or not responding, or if there is a communications problem. The value of the secondary return code (RC2) identifies the cause.

User Response: Verify that the warehouse server machine has TCP/IP connectivity to the agent site, and that the Data Warehouse Center agent daemon is up and running. If this does not correct the problem, stop and restart the Data Warehouse Center agent daemon. If the problem is still not resolved, look up the RC2 code and take the recommended action.

DWC07175E The warehouse server was unable to send a request to shut down an agent process on host "<host-name>".

Explanation: The warehouse server could not communicate with the Data Warehouse Center agent daemon on the given agent site. This problem can occur if the agent daemon is not started or not responding, or if there is a communications problem. The value of the secondary return code (RC2) identifies the cause.

User Response: Verify that the warehouse server machine has TCP/IP connectivity to the agent site, and that the Data Warehouse Center agent daemon is up and running. If this does not correct the problem, stop and restart the Data Warehouse Center agent daemon. If the problem is still not resolved, look up the RC2 code and take the recommended action.

DWC07176E The warehouse server was unable to send a message to cascade a step from step "<step-name>" to its main queue.

Explanation: The Data Warehouse Center communications subsystem detected an error.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07177E The warehouse server was unable to send a notification of job completion to its main queue.

Explanation: The Data Warehouse Center communications subsystem detected an error.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07178E The warehouse server was unable to send a request to kill an agent process on host "<host-name>".

Explanation: The Data Warehouse Center communications subsystem detected an error.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07179E The warehouse server encountered an unexpected error while receiving a shutdown response from an agent process.

Explanation: The Data Warehouse Center communications subsystem detected an error.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07180E The warehouse server encountered an unexpected error while receiving a start response from an agent process.

Explanation: The Data Warehouse Center communications subsystem detected an error.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07181E The warehouse server encountered an unexpected error while receiving a message.

Explanation: The Data Warehouse Center communications subsystem detected an error.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07182E The warehouse server encountered an unexpected error while receiving a message during the processing of a step dependency tree.

Explanation: The Data Warehouse Center communications subsystem detected an error.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07183E The warehouse server tried to spawn an agent but did not receive a valid startup-acknowledgment from either the agent or the daemon.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Try shutting down and restarting the Data Warehouse Center agent daemon. If the problem persists, record all details of this error message and contact IBM Software Support with the information.

DWC07184E The warehouse server received an unexpected message of type "<message-type>" and subtype "<message-sub-type>".

Explanation: A Data Warehouse Center internal error occurred.

User Response: This error can occur if the sending Data Warehouse Center component is at a different code level than the receiving Data Warehouse Center component. For example, the messaging code in a Data Warehouse Center agent at one level of maintenance may not be compatible with a Data Warehouse Center server at a different level of maintenance. Record all details of this error message and contact IBM Software Support with the information.

DWC07185E The warehouse server received an unexpected message while processing a command of type "<command-type>" for edition "<edition-number>" of step "<step-name>".

Explanation: A Data Warehouse Center internal error occurred.

User Response: This error can occur if the sending Data Warehouse Center component is at a different code level than the receiving Data Warehouse Center component. For example, the messaging code in a Data Warehouse Center agent at one level of maintenance may not be compatible with a Data Warehouse Center server at a different level of maintenance. Record all details of this error message and contact IBM Software Support with the information.

DWC07186E The warehouse server received an unexpected message while processing a dependency tree for a job of type "<job-type>" for edition "<edition-number>" of step "<step-name>". The message received was of type "<message-type>" and request type "<request-type>".

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC07187E The warehouse server received an unexpected message type of "<message-type>".

Explanation: A Data Warehouse Center internal error occurred.

User Response: This error can occur if the sending Data Warehouse Center component is at a different code level than the receiving Data Warehouse Center component. For example, the messaging code in a Data Warehouse Center agent at one level of maintenance may not be compatible with a Data Warehouse Center server at a different level of maintenance. Record all details of this error message and contact IBM Software Support with the information.

DWC07188E The warehouse server received an unsupported message type of "<message-type>".

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC07189E **The warehouse server timed out while waiting for a shutdown reply from an agent process.**

Explanation: The agent process has already shut down or is hung.

User Response: Verify that the agent process has shut down on the agent site machine. If it has, no further action is necessary. Otherwise, the agent process is hung; end the process or restart the agent site machine. If this problem occurs frequently, contact IBM Software Support.

DWC07190E **The warehouse server encountered an unexpected error while receiving a message during the processing of a command of type "<command-type>" for edition "<edition-number>" of step "<step-name>".**

Explanation: The Data Warehouse Center communications subsystem detected an error.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07191E **The warehouse server was unable to format a status change notification message for edition "<edition-number>" of step "<step-name>".**

Explanation: The Data Warehouse Center communications subsystem detected an error.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07192E **The warehouse server was unable to send a status change notification message for edition "<edition-number>" of step "<step-name>" to a client listening on port "<port-number>" of host "<host-name>".**

Explanation: The Data Warehouse Center communications subsystem detected an error.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07193E **The warehouse server was unable to format a cancel message for edition "<edition-number>" of step "<step-name>".**

Explanation: The Data Warehouse Center communications subsystem detected an error.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07194E **The warehouse server was unable to send a cancel message for edition "<edition-number>" of step "<step-name>".**

Explanation: The Data Warehouse Center communications subsystem detected an error.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07195E **The warehouse server was unable to determine the message type of a message received while processing a command of type "<command-type>" for edition "<edition-number>" of step "<step-name>".**

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC07196E **The warehouse server received an unexpected message with a command type of "<command-type>" while starting an agent process.**

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC07197E The warehouse server was unable to format a row count message for edition "<edition-number>" of step "<step-name>".

Explanation: The Data Warehouse Center communications subsystem detected an error.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07198E The warehouse server was unable to send a row count message for edition "<edition-number>" of step "<step-name>".

Explanation: The Data Warehouse Center communications subsystem detected an error.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07199E The warehouse server was unable to receive the response to a row count query for edition "<edition-number>" of step "<step-name>".

Explanation: The Data Warehouse Center communications subsystem detected an error.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07200E The warehouse server received an invalid response to a row count query for edition "<edition-number>" of step "<step-name>".

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC07201E The warehouse server was unable to create a message queue to use during shutdown.

Explanation: The Data Warehouse Center communications subsystem detected an error.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07202E The warehouse server was unable to destroy the message queue it used during shutdown.

Explanation: The Data Warehouse Center communications subsystem detected an error.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07203E The warehouse server was unable to format the shutdown message to send to the main message queue.

Explanation: The Data Warehouse Center communications subsystem detected an error.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07204E The warehouse server unable to send the shutdown message to the main message queue.

Explanation: The Data Warehouse Center communications subsystem detected an error.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07205E The warehouse server did not receive a reply to the shutdown message sent to the main message queue.

Explanation: The Data Warehouse Center communications subsystem detected an error.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07206E The warehouse server was unable to retrieve its Internet Address.

Explanation: The warehouse server was unable to retrieve its Internet Address.

User Response: Contact the network administrator and make sure that the Data Warehouse Center hostname and the IP address of the hostname are valid.

DWC07207E The warehouse server was unable to process this job because the user does not have proper authority.

Explanation: The warehouse server was unable to process this job because the user does not have proper authority.

User Response: Verify that the user has valid authority to perform the task. If the problem persists, record all the details of this error message and contact IBM Software Support with the information.

DWC07220E The warehouse server was unable to start local agent process "<agent-executable-name>".

Explanation: There is insufficient storage to execute the agent process, or the executable for the agent is missing, corrupted, or cannot be executed.

User Response: Verify that the "<agent-executable-name>" file is still in the BIN subdirectory of the IWH installation directory. If the file is there, increase the amount of virtual storage or run fewer agents concurrently. If the problem persists, record all details of this error message and contact IBM Software Support with the information.

DWC07221E A Data Warehouse Center agent process was unable to initialize.

Explanation: The agent process was started, but failed during its initialization.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07222E The Data Warehouse Center agent daemon was unable to spawn a remote agent process.

Explanation: There is insufficient storage to execute the agent process, or the executable for the agent is missing, corrupted, or cannot be executed.

User Response: Verify that the agent executable file is still in the BIN subdirectory of the IWH installation directory. If the file is there, increase the amount of virtual storage or run fewer agents concurrently. If the problem persists, record all details of this error message and contact IBM Software Support with the information.

DWC07223E The warehouse server attempted to shutdown an unknown agent process.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC07224E The Data Warehouse Center agent daemon was unable to shut down a remote agent process.

Explanation: Data Warehouse Center attempted to shut down an agent and failed. Data Warehouse Center then attempted to make the VW Daemon shut the agent down. The daemon was also unable to shut down the agent.

User Response: If the agent was running as a user process, end the agent process manually using whatever command is appropriate for the operating system of the agent site. If the agent was running as a system process, you might have to wait until the next time you restart the system to clean up the dead agent process. You should still be able to run other agents in the meantime.

DWC07225E The Data Warehouse Center agent daemon was unable to terminate a remote agent process.

Explanation: Data Warehouse Center requested that the agent daemon forcibly terminate an agent with which the warehouse server was no longer able to communicate. The attempt failed. The agent process is no longer responding to system commands or has already terminated.

User Response: If the agent was running as a user process, try to end the agent process manually using whatever command is appropriate for the operating system of the agent site. If the agent was running as a system process, you will have to wait until the next time you restart the system to clean up the dead agent process. You should still be able to run other agents in the meantime.

DWC07226E The warehouse server was unable to terminate a local agent process.

Explanation: The agent process has already shut down or is hung.

User Response: Verify that the agent process has terminated. If it has, no further action is necessary. Otherwise, the agent process is hung; end the process or restart the agent site machine.

DWC07227E The previous error occurred while the warehouse server was initializing its agent dispatcher.

Explanation: Informational message.

User Response: See the preceding error message in the log for the cause of the problem.

DWC07228E The previous error occurred while the warehouse server was terminating its agent dispatcher.

Explanation: Informational message.

User Response: See the preceding error message in the log for the cause of the problem.

DWC07229E The system page file is getting full. You should increase its size to handle the number of agents you are running.

Explanation: The amount of virtual storage defined on your system is insufficient to start any more agent processes.

User Response: Increase the amount of virtual storage or run fewer agents concurrently.

DWC07250E The warehouse server was unable to create a job for edition "<edition-number>" of step "<step-name>" in response to a message of type "<message-type>".

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC07251E The previous error occurred while the warehouse server was processing a job of type "<job-type>" for edition "<edition-number>" of step "<step-name>".

Explanation: Informational message.

User Response: See the preceding error message in the log for the cause of the problem.

DWC07252E The warehouse server was unable to start a thread to run a job of type "<job-type>" for edition "<edition-number>" of step "<step-name>".

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC07253E The previous error occurred while the warehouse server was building a command list for a job of type "<job-type>" for edition "<edition-number>" of step "<step-name>".

Explanation: Informational message.

User Response: See the preceding error message in the log for the cause of the problem.

DWC07254E The previous error occurred while the warehouse server was building a command list for a job of type "<job-type>" for database "<database-name>".

Explanation: Informational message.

User Response: See the preceding error message in the log for the cause of the problem.

DWC07255E The previous error occurred while the warehouse server was executing a command list for a job of type "<job-type>" for edition "<edition-number>" of step "<step-name>".

Explanation: Informational message.

User Response: See the preceding error message in the log for the cause of the problem.

DWC07256E The previous error occurred while the warehouse server was executing a command list for a job of type "<job-type>" for database "<database-name>".

Explanation: Informational message.

User Response: See the preceding error message in the log for the cause of the problem.

DWC07257E The previous error occurred while the warehouse server was verifying the currency of edition "<edition-number>" of step "<step-name>" to process a job of type "<job-type>".

Explanation: Informational message.

User Response: See the preceding error message in the log for the cause of the problem.

DWC07258E The previous error occurred while the warehouse server was populating a dependency tree for a job of type "<job-type>" for edition "<edition-number>" of step "<step-name>".

Explanation: Informational message.

User Response: See the preceding error message in the log for the cause of the problem.

DWC07259E The warehouse server attempted to populate step dependency "<step-name>" more than once in the same execution tree.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC07260E The warehouse server attempted to clean up step dependency "<step-name>" more than once in the same execution tree.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC07261E The warehouse server was unable to handle a completion message during the processing of the execution tree for edition "<edition-number>" of step "<step-name>".

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC07262E The warehouse server was unable to handle a purge message during the processing of the execution tree for edition "<edition-number>" of step "<step-name>".

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC07263E The warehouse server was unable to set a row limit for the population of edition "<edition-number>" of step "<step-name>" because the step type does not support row limits.

Explanation: Informational message. Row limit cannot be set in the current context.

DWC07300E The warehouse server does not support cancellation of jobs of type "<job-type>".

Explanation: Cancel is not possible at this time.

DWC07301E The job of type "<job-type>" for edition "<edition-number>" of step "<step-name>" was not processed because the step was not in production status.

Explanation: You can perform this type of operation on a step only if it is in Production status. This step is not in Production status.

DWC07302E The job of type "<job-type>" for edition "<edition-number>" of step "<step-name>" was not processed because the step was not persistent.

Explanation: You can perform this type of operation on a step only if it is not transient. This step is a transient step.

DWC07303E Step "<step-name>" was not promoted because it was not in development status.

Explanation: You can promote a step to Test status only if it is in Development status. This step is not in Development status.

User Response: If the step status is Development on the interface window, refresh the view. If the status does not update to a status other than Development, record all details of this error message and contact IBM Software Support with the information.

DWC07304E Step "<step-name>" was not suspended because it was not in production status.

Explanation: You can demote a step to Test status only if it is in Production status. This step is not in Production status.

User Response: If the step status is Production status on the interface window, refresh the view. If the status does not update to a status other than Production, record all details of this error message and contact IBM Software Support with the information.

DWC07305E Step "<step-name>" was not purged because it was not in suspended status.

Explanation: Demoting a step to Development status drops the step's target table. You can demote a step to Development status only if it is in Test status. This step is not in Test status.

User Response: If the step appears to be in Test status on the interface window, refresh the view. If the status does not update to something other than Test status, record all details of this error message and contact IBM Software Support with the information.

DWC07307E Edition "<edition-number>" of step "<step-name>" was not purged because it had not been populated or failed population.

Explanation: You cannot purge an edition in this status.

User Response: Wait until this edition has finished processing before attempting to purge it. If this error occurred on an edition that has finished processing, this is an internal error; record all details of this error message and contact IBM Software Support with the information.

DWC07308E Edition "<edition-number>" of step "<step-name>" was not replaced because it had not been populated or failed population.

Explanation: You cannot replace an edition in this status.

User Response: Wait until this edition has finished processing before attempting to replace it. If this error occurred on an edition that has finished processing, this is an internal error; record all details of this error message and contact IBM Software Support with the information.

DWC07309E Edition "<edition-number>" of step "<step-name>" was not populated because it had already started or finished population.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC07310E Edition "<edition-number>" of step "<step-name>" was not replaced because it had not been populated or failed population.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC07311E The warehouse server did not import column data for database "<database- name>". The command was not processed because no table names were specified.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC07312E The warehouse server did not process the request to process a job of type "<job-type>" for edition "<edition-number>" of step "<step-name>" because it is already processing an identical request.

Explanation: Data Warehouse Center could not perform the requested operation because it is already performing it. This error could occur if a user at another Data Warehouse Center administrative client made the request before

your administrative client was updated with the new status.

User Response: Wait awhile and try again.

DWC07313E The warehouse server could not start a job of type "<job-type>" for the current edition of step "<step-name>" because it is running a job of type "<job-type>" for edition "<edition-number>" of step "<step-name>". The two jobs cannot run at the same time.

Explanation: Data Warehouse Center could not perform the requested operation because it would interfere with another operation that is already in progress.

User Response: Wait awhile and try again.

DWC07314E The warehouse server is already in the process of terminating. It will shut down after the completion of all jobs that are currently processing.

Explanation: The warehouse server already received a shut down request.

DWC07315E The current row count for edition "<edition-number>" of step "<step-name>" cannot be determined because the edition is no longer populating.

Explanation: Informational message. The agent has already completed populating the given edition and terminated. The final row count can now only be obtained from the statistics window.

DWC07316E Catalog information cannot be imported from database "<database- name>" because the database type does not support such queries.

Explanation: The type of database from which you are trying to import metadata has no facility for querying metadata.

User Response: Consult the source vendor's documentation for more information. Enter the database description manually.

DWC07317E The schedules of step "<step-name>" could not be activated because the step was not in test state.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC07318E The warehouse server could not add a row in the statistics table for step "<step-name>".

Explanation: The statistics table could not be updated.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07319E The warehouse server could not re-grant authority for step "<step-name>" because the step was not in test status.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC07320E The warehouse server could not add an alias for step "<step-name>" because the step was in development state.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC07321E The warehouse server could not remove an alias of step "<step-name>" because the step was not in development status.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC07322E The warehouse server was unable to authenticate the password provided for user "<user-name>". The error occurred in response to an authentication request from client "<client-name>".

Explanation: The password provided was incorrect. A common cause of this error is a difference in the case of one or more of the characters; passwords are case sensitive.

User Response: Re-enter the password.

DWC07323E The table for step "<step-name>" was not altered because "<step-name>" is not in test status.

Explanation: You can add new columns to an existing step table only if the step is in Test status.

User Response: Change the step status to Test and try the operation again.

DWC07324E The warehouse server could not sample data for database or table "<table-name>" because the ID string was not found.

Explanation: You were trying to sample data from a Data Warehouse Center table that was not found in the Data Warehouse Center control database.

User Response: Contact the Data Warehouse Center support.

DWC07325E The warehouse server could not install transformers from the database because the creation type is not supported.

Explanation:

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07350E The previous error occurred while the warehouse server was acquiring an agent to process a command list of type "<command-list-type>" for edition "<edition-number>" of step "<step-name>".

Explanation: The warehouse server was unable to start the agent process.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07351E The previous error occurred while the warehouse server was releasing the agent used to process a command list of type "<job-type>" for edition "<edition-number>" of step "<step-name>".

Explanation: An error occurred while Data Warehouse Center was shutting down an agent process.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07352E The previous error occurred while the warehouse server was building a command list of type "<job-type>" for edition "<edition-number>" of step "<step-name>".

Explanation: Informational Message.

User Response: See the previous error message for more information.

DWC07353E The previous error occurred while the warehouse server was building a command list of type "<command-list-type>" for database "<database-name>".

Explanation: Informational Message.

User Response: See the previous error message for more information.

DWC07354E Step "<step-name>" has no agent site defined on which it should be processed.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC07355E There is no agent site defined which has connectivity to database "<database- name>".

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC07356E An agent's processing of a command of type "<command-type>" failed for edition "<edition-number>" of step "<step-name>".

Explanation: The agent encountered an error while it was processing.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07357E A row count query failed for edition "<edition-number>" of step "<step-name>".

Explanation: The Data Warehouse Center agent detected an error while processing a row count query.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07358E Alias "<alias-name>" of step "<step-name>" was not found. The error occurred while processing a command of type "<command-type>".

Explanation: Data Warehouse Center was unable to retrieve from the control database the metadata for the given alias name.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07400E The warehouse server was unable to acquire semaphore "<semaphore-name>".

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC07401E The warehouse server was unable to release semaphore "<semaphore-name>".

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC07450E The previous error occurred while the warehouse server was initializing its scheduler.

Explanation: An error occurred that prevented the warehouse server from starting its scheduler.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07451E The previous error occurred while the warehouse server was terminating its scheduler.

Explanation: An error occurred that prevented the warehouse server from stopping its scheduler.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC07454E The warehouse server was unable to start a thread for its scheduler.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC07500I The warehouse server canceled edition "<edition-number>" of step "<step-name>".

Explanation: Informational message.

DWC07501E The warehouse server was unable to cancel edition "<edition-number>" of step "<step-name>" because that edition was not being populated.

Explanation: The step edition could not be cancelled because it was no longer running when the cancel request was received.

DWC07502I The warehouse server received a duplicate request to cancel edition "<edition-number>" of step "<step-name>" while the edition was already being canceled.

Explanation: Informational message. A request to cancel an edition of the given step was made while an earlier cancel request on the same edition was being processed. The edition will be cancelled.

DWC07550E The warehouse server is out of memory.

Explanation: There is not enough virtual storage available for the warehouse server to operate. The warehouse server service will shut down after issuing this message.

User Response: Increase the amount of virtual storage on the machine on which the Data Warehouse Center server resides and restart the Data Warehouse Center services.

DWC07551E The warehouse server is terminating due to an unhandled exception.

Explanation: The operating system is terminating the warehouse server because of a program exception that could not be resolved.

User Response: Gather as much information as possible about the exception and the events preceding it, and report the problem to IBM Software Support. Try to restart the warehouse server.

DWC07552E The warehouse server is terminating unexpectedly.

Explanation: The warehouse server experienced a serious internal error and is shutting down.

User Response: Gather as much information as possible about the exception and the events preceding it, and report the problem to IBM Software Support. Try to restart the warehouse server.

DWC07700I The warehouse server received a warning from Agent.

Explanation: Informational message.

User Response: None.

DWC07900E Edition "<edition-number>" was not found.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC07901E Edition "<edition-number>" of step "<step-name>" could not be marked as completed because the specified status of "<edition-status>" was not valid.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC07902E Step "<step-name>" was not current because edition "<edition-number>" was scheduled to be populated at "<timestamp>", but population had not yet begun.

Explanation: The failed step was dependent on the data from another step. The failed step could not be populated because the other step was running behind schedule at the time the failed step was started.

User Response: Use the Run Now function of the Work in Progress window to force population of the other step, then try running the dependent step again.

DWC07903E Step "<step-name>" was not current because edition "<edition-number>" was currently populating.

Explanation: The failed step was dependent on the data from another step. The failed step could not be populated because the other step had not finished processing at the time the failed step was started.

User Response: Wait for the other step to finish processing and try running the failed dependent step again.

DWC07904E Step "<step-name>" was not current because edition "<edition-number>" was currently waiting to be retried.

Explanation: The failed step was dependent on the data from another step. It could not be populated because the other step was in the middle of a retry attempt at the time the failed step tried to run.

User Response: Wait for the other step to finish processing and try running the failed dependent step again.

DWC07905E Step "<step-name>" was not current because edition "<edition-number>" was currently being purged.

Explanation: The failed step was dependent on the data from another step. It could not be populated because the other step was purging at the time the failed step tried to run.

User Response: Wait for the other step to finish purging and try running the failed dependent step again.

DWC07906E Step "<step-name>" was not current because edition "<edition-number>" was the last edition to be populated and it was unsuccessful.

Explanation: The failed step was dependent on the data from another step. It could not be populated because the other step failed its last population attempt.

User Response: Re-run the other step and try running the failed dependent step again.

DWC07907E The step "<step-name>" was not current because no edition had been successfully populated.

Explanation: The failed step was dependent on the data from another step. It could not be populated because the other step has no editions that successfully completed processing.

User Response: Run the other step and try running the failed dependent step again.

DWC08000E The operation you attempted is not currently supported by this agent.

Explanation: The Data Warehouse Center feature you attempted to use is not currently supported on this agent site platform.

User Response: Do not attempt to use this Data Warehouse Center feature on the current agent site. Check with Data Warehouse Center service for availability and alternatives.

DWC08005I The Data Warehouse Center agent is about to shut down.

Explanation: Informational message. The agent executed a shutdown command issued by the server.

DWC08010E The agent message overflowed and it was truncated from "<initial-count>" items to "<final-count>" items in the returned catalog listing.

Explanation: A Data Warehouse Center internal error occurred. A possible cause is that the list of tables returned is too large.

User Response: Use a table qualifier to reduce the number of tables returned. If this is not successful, then record all details of this error message and contact IBM Software Support with the information.

DWC08205E The agent received too few input parameters. The server port and hostname must be supplied.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC08206E The agent received too many input parameters.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC08207E Agent received invalid edition type.

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC08210E The agent received invalid input parameters: "<parameter-name>".

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC08215E The agent commands are out of sequence.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC08220E The agent daemon received an invalid command.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC08221E Agent daemon cannot communicate through assigned port.

Explanation: Informational message.

User Response: Verify that the port numbers required by the server, logger, and agent are not in use by other tools.

DWC08225E The system is running low on memory. The page file has reached the limit. No more agents can be spawned.

Explanation: The Data Warehouse Center agent daemon was unable to start an agent process because the system is running out of virtual storage.

User Response: Increase the amount of virtual storage on the agent site machine, shut down some applications on that machine, or run fewer agents concurrently.

DWC08405E The input command line was too long. The command was: "<command>".

Explanation: The file processing command passed to the agent was too long.

User Response: Shorten the command if possible. If this does not correct the problem, contact IBM Software Support with the information.

DWC08410E The agent was unable to execute a Data Warehouse Center Program.

Explanation: If a secondary return code (RC2) was returned, then the agent ran, but failed during execution. The value of RC2 is the return code returned by the Data Warehouse Center Program.

If RC2 = 1 for an NT agent, this may indicate that the fully qualified program name on the Program page of the Program notebook is incorrect, or that the program is not installed.

If RC2 = 127 for an AIX agent, this may indicate

that the fully qualified program name on the Program page of the Program notebook is incorrect, the program is not installed, or the user ID specified for this agent site does not have execute authority and read authority. Both authority types are required.

If RC2 was not returned, then either the file for the Data Warehouse Center Program was not found or was not in a format that could be executed.

User Response: Check the value of RC2. If a non-zero return code was returned by the Data Warehouse Center Program, take the recommended action for that return code in the Data Warehouse Center Program documentation. If the program is one of the IBM programs shipped with Data Warehouse Center, the documentation is in the Data Warehouse Center Program directory of the CD-ROM.

If the value of RC2 is null or zero, verify that the path and filename supplied for the Data Warehouse Center Program are still valid. If they are, verify that the Data Warehouse Center Program is still in a format that can be executed.

DWC08411E The agent was unable to issue an FTP command.

Explanation: The agent could not establish an FTP connection to the host.

User Response: Verify that the hostname, user ID, and password provided to FTP are correct.

If the hostname, user ID, and password are correct, do the following:

- Verify that ftp is the command used at your site to initiate an FTP session
- Confirm that the FTP daemon process is running on the host.
- Issue the ping command from the agent site to the host to verify that a TCP/IP connection exists.

DWC08412E The agent was unable to delete the FTP file.

Explanation: The FTP operation failed. The file that was retrieved by FTP is no longer on the agent site, or the file is in use by another process.

User Response: Verify that the file was retrieved to the path specified in the database definition and the file exists. If it exists, determine if it is being used by another process.

DWC08413E The file is not executable or has an invalid executable file format.

Explanation: The Data Warehouse Center Program has a bad or invalid format and cannot be run. Either the file referenced is not really an executable or it is a damaged executable.

User Response: Verify that the Data Warehouse Center Program file exists and is executable.

DWC08414E The command interpreter is damaged or missing.

Explanation: The operating system command interpreter or shell is damaged or missing.

User Response: Verify that the operating system command interpreter or shell program is still functioning on the agent site.

DWC08420E There is not enough memory, available memory has been corrupted, or an invalid block exists.

Explanation: There was insufficient virtual storage available on the agent site machine for the agent to spawn a process or allocate a data buffer.

User Response: Increase the amount of virtual storage on the agent site machine, shut down some applications on that machine, or run fewer agents concurrently. Restarting the agent site machine might also free up memory.

DWC08425E The file to be processed was read-only. The filename was: "<filename>".

Explanation: Data Warehouse Center was unable to delete or write to a file transferred by FTP because the agent had read-only authority to the file.

User Response: Change the system settings to ensure that files transferred by FTP are created on the agent site machine with both read and write authority granted to the agent user ID.

DWC08430E The file or the path was not found. The filename was: "<filename>".

Explanation: Data Warehouse Center was unable to delete or write to a file transferred by FTP because it could not be found. Another process or user might have moved or deleted the file.

User Response: Run the step again, and ensure that no other processes or users delete or move the target file after it is created. The Data Warehouse Center will delete the file when processing is complete.

DWC08440E Failed to update the Intersolv ODBC Driver profile.

Explanation: The Data Warehouse Center agent could not update or create the QETXT.INI file used by the ODBC drivers, or a Data Warehouse Center internal error occurred.

User Response: Verify that the agent has read and write authority for the directory where the QETXT.INI file is to be created which is either in the system directory or the directory in which the source text file resides. If the agent does have read and write authority for this directory, record all details of this error message and contact IBM Software Support with the information.

DWC08445E The text file had an invalid data type for field "<field-name>". The SQL data type "<data-type>" is not supported.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC08450E Failed to load user DLL "<dll-name>".

Explanation: Data Warehouse Center was unable to load a dynamic link library (DLL) Data Warehouse Center Program into memory or was unable to find the DLL.

User Response: The DLL is missing or damaged, or its path is incorrect. Verify that the DLL file still exists, that it is still valid, and that either the agent site's library path includes the path specified in the Data Warehouse Center Program definition or that a path to the DLL is included in the agent site's library path.

DWC08455E Failed to find the address of user function "<function-name>".

Explanation: Data Warehouse Center was unable to find the specified function in the specified DLL.

User Response: Verify that the name of a valid DLL entry point was specified in the definition of the Data Warehouse Center Program. Select Settings > Data Warehouse Center Program in the Data Warehouse Center Desktop.

DWC08457E Failed to execute user function "<function-name>".

Explanation: The OS/2 agent failed to execute an invoked DLL.

User Response: Check the secondary return code (RC2) and take the recommended action.

DWC08460E FTP failed. Please check your user ID, password and file name. They might be case sensitive, depending on the host.

Explanation: The FTP command failed to transfer the source file to the agent site machine.

User Response: Verify that the file you are trying to transfer exists on the FTP server machine and that the user ID and password you supplied to the FTP command are correct.

DWC08461E An error occurred either when opening a code page conversion table or when converting data between Unicode and local locale.

Explanation: Your request was sent to a remote Data Warehouse Center agent for execution, but the remote agent could not open a code page conversion table to convert your request message to local locale.

User Response: Ensure that the operating system where the agent resides has the proper Unicode to local locale conversion table. To find out which local locale is used by the agent on UNIX, you may browse the IWH.environment file. If the local locale is incorrect, please edit the IWH.environment file and restart the agent daemon.

If you received this error while running on a Sun Solaris platform, you may define your local Solaris code-set string using the environment variable VWA_LOCALE_TABLE. Restart the agent daemon and try again.

DWC08462E An error occurred while converting an agent message from wide characters to multibyte characters.

Explanation: Your remote agent attempted to send a response to your warehouse server, but it encountered an error while converting your response message from wide character format to multibyte character format.

User Response: If your agent is running on the UNIX platform, ensure that you have the correct

locale set in the IWH.environment file. If not, edit the IWH.environment file and restart the daemon. Otherwise, contact technical support for your operating system to verify if the correct maintenance is applied to your operating system.

DWC08463E An error occurred while converting agent message from multibyte characters to wide characters.

Explanation: Your remote agent attempted to process your request message and encountered an error while converting the message from multibyte character format to wide character format.

User Response: If your agent is running on the UNIX platform, ensure that you have the correct locale set in the IWH.environment file. If not, edit the IWH.environment file and restart the daemon. Otherwise, contact technical support for your operating system to verify if the correct maintenance is applied to your operating system.

DWC08472E The Data Warehouse Center Transformers could not be registered in the target database.

Explanation: The Data Warehouse Center Transformers could not be registered in the target database.

User Response: Refer to the Data Warehouse Center secondary return code and the system message for more information.

DWC08474E Data Warehouse Center Transformers could not be dropped from the target database.

Explanation: Data Warehouse Center Transformers could not be dropped from the target database.

User Response: Refer to the Data Warehouse Center secondary return code and the system message for more information.

DWC08505E The agent failed to allocate the ODBC environment handle.

Explanation: The ODBC driver manager could not allocate storage for the environment handle. Either your system is low on memory, or there is a serious error in your ODBC driver manager.

User Response: Check the amount of virtual storage on your machine. If there does not appear to be a shortage of virtual storage, try reinstalling the ODBC driver manager.

DWC08510E The agent failed to allocate the ODBC connection handle.

Explanation: The agent could not obtain an ODBC connection handle. This can be caused by an error allocating storage, database error, or operating system error.

User Response: Check the amount of virtual storage on your machine. If there does not appear to be a shortage of virtual storage, check the SQLSTATE that accompanied this error message (if a value was returned).

DWC08515E The agent failed to connect to the ODBC data source: "<source-name>".

Explanation: An attempt to connect to the given database failed. There are numerous reasons the attempt could fail. The following reasons are the most common: the database was not cataloged as an ODBC system DSN (if the agent is on Windows NT), connectivity from the agent site machine to the given database failed or was not configured correctly, or the user ID or password specified was not correct.

User Response: Ensure that the user ID and password provided are valid.

If the agent is running on Windows NT, verify that the given database was cataloged as a system DSN in the ODBC driver manager. If you are using CA/400 to access an AS/400 database, verify that you have installed the latest CA/400 service pack and run cwbcfg.exe to enable CA/400 to run as a system task. For more information about the service pack and

cwbcfg.exe, see the web page at
http://www.as400.ibm.com/clientaccess/service.htm.
Otherwise, consult your database vendor's
documentation for possible causes of a
connection failure.

**DWC08516E Agent failed to set connect
options to the ODBC source
"<source- name>".**

Explanation: The Data Warehouse Center agent
attempted to issue a SQLExecute() call to the
database and it received a non-zero return code.
Check the event log to see if there are any
additional SQL error messages.

User Response: If there is no additional SQL
error messages event log, turn on the DB2 trace
or ODBC trace, whichever is applicable.

**DWC08520E The agent failed to allocate the
ODBC statement handle.**

Explanation: The Data Warehouse Center agent
was unable to obtain an ODBC statement handle.
This error can occur if the connection to the
source was not established or the ODBC driver
manager was unable to allocate memory for a
statement handle.

User Response: Check the amount of virtual
storage on your machine. If there does not
appear to be a shortage of virtual storage,
determine if the database connection was
dropped. If you can consistently recreate the
problem, you can determine if the database
connection was dropped by looking at your
database vendor's trace facility.

**DWC08525E The agent failed at execution of
SQL statement "<statement>".**

Explanation: The SQL statement that the Data
Warehouse Center agent attempted to execute
failed.

User Response: Look at the setting for SQL
Error Processing in the step notebook for your
step. Ensure that the setting is set to handle
errors in the way that you like. If you are
satisfied with this setting, look up the value of

the SQL code or SQLSTATE in your database
vendor's documentation to determine the
appropriate course of action.

**DWC08530E The agent failed to fetch from the
source database.**

Explanation: The Data Warehouse Center agent
encountered an error while fetching a row from
the source result set.

User Response: Look up the value of the SQL
code or SQLSTATE in your database vendor's
documentation to determine the appropriate
course of action.

**DWC08535E The agent failed to insert into the
target database.**

Explanation: The Data Warehouse Center agent
encountered an error while inserting data into
the target table.

User Response: Look up the value of the SQL
code or SQLSTATE in your database vendor's
documentation to determine the appropriate
course of action.

If SQL code is 30081 and SQLSTATE is 40003,
check the DB2 log to ensure it has enough log
space for inserting the data into the target table.

**DWC08540E The agent failed to disconnect
from the ODBC source:
"<database- name>".**

Explanation: The Data Warehouse Center agent
was unable to disconnect from the given
database.

User Response: Look up the value of the SQL
code or SQLSTATE in your database vendor's
documentation to determine the appropriate
course of action.

**DWC08541E There is no connection to the
source.**

Explanation: The Data Warehouse Center agent
received a command to disconnect from a
database, but the connection had already ended.

DWC08545E The agent failed to retrieve the total number of columns in the result set.

Explanation: The Data Warehouse Center agent was unable to obtain a count of the number of columns in the result set.

User Response: Look up the value of the SQL code or SQLSTATE in your database vendor's documentation to determine the appropriate course of action.

DWC08546E The agent failed to retrieve a column attribute.

Explanation: The Data Warehouse Center agent was unable to obtain metadata for a column from the database management system.

User Response: Look up the value of the SQL code or SQLSTATE in your database vendor's documentation to determine the appropriate course of action.

DWC08547E The agent failed to retrieve the total number of rows inserted into the target database.

Explanation: The Data Warehouse Center agent was unable to obtain the number of rows inserted into the target table from the target database.

User Response: Look up the value of the SQL code or SQLSTATE in your database vendor's documentation to determine the appropriate course of action.

DWC08550E The agent failed at ODBC SQLDescribeCol API call.

Explanation: The Data Warehouse Center agent was unable to obtain metadata for a column.

User Response: Look up the value of the SQL code or SQLSTATE in your database vendor's documentation to determine the appropriate course of action.

DWC08555E The agent failed to bind column attributes to the selected columns from the source database.

Explanation: The Data Warehouse Center agent was unable to bind a buffer to hold the data fetched from one column of the result set.

User Response: Look up the value of the SQL code or SQLSTATE in your database vendor's documentation to determine the appropriate course of action.

DWC08560E The agent failed to bind column attributes to the insert columns of the target database.

Explanation: The Data Warehouse Center agent was unable to bind a buffer to hold data to be inserted into a column of the target table.

User Response: Look up the value of the SQL code or SQLSTATE in your database vendor's documentation to determine the appropriate course of action.

If your step refers to a transformer, check to see if the Data Warehouse Center stored procedures are installed in the target database.

DWC08565E The agent failed at preparation of an SQL string for execution. The statement was: "<statement>".

Explanation: The Data Warehouse Center agent could not prepare a dynamic SQL statement.

User Response: Look up the value of the SQL code or SQLSTATE in your database vendor's documentation to determine the appropriate course of action.

DWC08570E The agent failed with an internal error.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC08575E The agent failed at SQLExecute API call.

Explanation: The Data Warehouse Center agent received a non-zero return code when it attempted to issue a SQLExecute() call to the database.

User Response: Check the event log to see if there are any additional SQL error messages. If not, then turn on the DB2 trace or ODBC trace (whichever is applicable) and run the step again.

DWC08580E The agent failed to commit for ODBC source: "<data-source-name>".

Explanation: The Data Warehouse Center agent could not commit the changes made to the given ODBC source.

User Response: Look up the value of the SQL code or SQLSTATE in your database vendor's documentation to determine the appropriate course of action.

DWC08585E The agent failed to roll back for ODBC source: "<data-source-name>".

Explanation: The Data Warehouse Center agent could not roll back the actions changes made to the given ODBC source.

User Response: Look up the value of the SQL code or SQLSTATE in your database vendor's documentation to determine the appropriate course of action.

DWC08590E The agent failed to release a statement handle.

Explanation: The Data Warehouse Center agent was unable to free an ODBC statement handle.

User Response: Look up the value of the SQL code or SQLSTATE in your database vendor's documentation to determine the appropriate course of action.

DWC08600E The agent failed to retrieve catalog table information.

Explanation: The Data Warehouse Center agent was unable to retrieve the metadata for the requested table.

User Response: Look up the value of the SQL code or SQLSTATE in your database vendor's documentation to determine the appropriate course of action.

DWC08605E The agent failed to retrieve catalog column information.

Explanation: The Data Warehouse Center agent was unable to retrieve the metadata for the requested column.

User Response: Look up the value of the SQL code or SQLSTATE in your database vendor's documentation to determine the appropriate course of action.

DWC08610E No data was updated or inserted.

Explanation: No rows were returned when the step ran. This error message will only be returned if you have specified that an empty result set is an error.

DWC08615E The import table name is case sensitive. The name specified is either incorrect or does not exist. Table name: "<table-name>".

Explanation: The table or tables that you tried to import were not found. This error is usually caused by an invalid table name or qualifier (creator).

User Response: Check the spelling and the case of the table name and qualifier (creator) you supplied. On some platforms, these values are case sensitive.

DWC08620E The SELECT statement had "<select-list-count>" columns while the INSERT had "<insert-list-count>" columns.

Explanation: The number of values to be inserted into the target table differs from the number of columns being selected from the source table.

User Response: Verify that the target table has the same number of columns as the select list defined in the Column Mapping page of the step notebook.

DWC08625E The column "<type>" used is an invalid or not supported SQL data type: "<unknown- data_type>".

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC08630E An error was encountered while executing a stored procedure. Refer to the secondary return code and the "<your-control-database-qualifier>".logTable in the target warehouse database for more details.

Explanation: Your transformer failed to execute.

User Response: Examine the detail messages in the designated log table in your target database for the transformer and correct the problem. If the problem cannot be determined by examining the designated log table in your target database, turn on the DB2 CLI trace and look for any DB2 diagnostic messages.

DWC08635E A ″no data found″ error was encountered while executing a stored procedure.

Explanation: You requested to execute a stored procedure or transformer, but the database manager did not find any data for the stored procedure or transformer to execute.

User Response: To diagnose this problem, turn on DB2 CLI trace or ODBC trace (whichever is applicable) and look for diagnostic messages.

DWC08700E The agent failed to cancel the ODBC execution.

Explanation: The Data Warehouse Center agent was unable to interrupt the processing of an SQL statement.

User Response: Look up the value of the SQL code or SQLSTATE in your database vendor's documentation to determine the appropriate course of action.

DWC08710E It is too late to cancel this job. No cancel is performed. The current command being executed is "<command-name>".

Explanation: Informational message. After committing changes, rolling back changes, or disconnecting from a source or target, you cannot cancel a step edition. The changes to the target table have already been made.

DWC08715E The Data Warehouse Center agent could not retrieve the primary key information from the source.

Explanation: This error can be caused by a number of different problems. Specifically, there is either a communication link failure, a memory allocation problem, an expired timeout, or an internal problem, such as an invalid cursor state or an invalid string or buffer length.

User Response: Determine the source of the error. Verify that your communications link is connected, that enough memory is allocated, and that an expired timeout has not occurred.

If your communications link is connected, enough memory is allocated, and an expired timeout does not exist, an internal error has occurred. Run an agent trace and contact technical support.

DWC08720E The Data Warehouse Center agent could not retrieve the foreign key information from the source.

Explanation: This error can be caused by a number of different problems. Specifically, there is either a communication link failure, a memory allocation problem, an expired timeout, or an internal problem, such as an invalid cursor state or an invalid string or buffer length.

User Response: Determine the source of the error. Verify that your communications link is connected, that enough memory is allocated, and that an expired timeout has not occurred.

If your communications link is connected, enough memory is allocated, and an expired timeout does not exist, an internal error has occurred. Run an agent trace and contact technical support.

DWC08730E The Data Warehouse Center agent received an invalid step parameter on start up.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Run an agent trace and contact technical support.

DWC08800E The operation you attempted is not currently supported by this agent.

Explanation: The feature you attempted to use is not supported by this release of the Data Warehouse Center agent for the agent site that you selected.

User Response: Avoid using the function or use an agent running on a different platform that supports the feature.

DWC08900E Connection to WebSphere Site Analyzer failed because of incorrect connection parameters.

Explanation: The user defined program was unable to connect to the WebSphere Site

Analyzer server due to incorrect parameter settings.

User Response: Ensure the connection parameters specified when the source was created (WebSphere Site Analyzer host name, WebSphere Site Analyzer port number) are correct.

DWC08901E Unable to connect to WebSphere Site Analyzer: invalid HTTP return code.

Explanation: Configuring WebSphere Site Analyzer's HTTP server for authentication is the only type of configuration allowed.

User Response: The user-defined program was not able to get a valid HTTP return code while requesting data from WebSphere Site Analyzer. Check the HTTP settings for WebSphere Site Analyzer. The HTTP server used by WebSphere Site Analyzer is not configured appropriately in order to work with the Data Warehouse Center user-defined program.

DWC08902E Authentication of WebSphere Site Analyzer failed.

Explanation: The authentication process to access WebSphere Site Analyzer failed due to either or both an incorrect user ID or password.

User Response: Please check the user ID and password provided.

DWC08903E Unable to connect to WebSphere Site Analyzer HTTP server.

Explanation: The Data Warehouse Center user-defined program was unable to establish a connection to the WebSphere Site Analyzer HTTP server. The WebSphere Site Analyzer server might be down or the connection might have been interrupted.

DWC08904E Unable to get valid data from WebSphere Site Analyzer.

Explanation: The Data Warehouse Center user-defined program was unable to get valid

data from WebSphere Site Analyzer. Either an internal JSP-engine error occurred or empty data was returned.

User Response: Ensure WebSphere Site Analyzer data imports have been specified.

DWC08907C Internal error: invalid connection string passed from agent to user-defined program.

Explanation: An internal error occurred while running the user-defined program.

User Response: Please consult your IBM representative.

DWC08908C Internal error: failed to access output file.

Explanation: An internal error occurred while accessing a data output file during the execution of a user-defined program.

User Response: Please consult your IBM representative.

DWC08909C Internal error: failed to access input file.

Explanation: An error occurred while accessing an input file during the execution of a user-defined program.

User Response: Please consult your IBM representative.

DWC08910E Unable to get status from Websphere Site Analyzer.

Explanation: Data Warehouse Center polling status program is unable to get status from Websphere Site Analyzer.

User Response: Ensure the site name and data imports in Data Warehouse Center are the same as those in Websphere Site Analyzer.

DWC08911E Internal error: corrupted input file content.

Explanation: The input file passed from the agent to the polling step program contains invalid data.

DWC08912E Input site name does not exist in Websphere Site Analyzer.

Explanation: Information related to the given site name in Websphere Site Analyzer metadata could not be found.

User Response: Ensure the site name entered in Data Warehouse Center matches the name specified in Websphere Site Analyzer. Redefine the web traffic source.

DWC08913E Websphere Site Analyzer returned error code "<error-code>".

Explanation: An error code was received from Websphere Site Analyzer while trying to connect.

User Response: Refer to the Websphere Site Analyzer documentation for explanation and user actions.

DWC08914E Internal error: unable to retrieve error message for user-defined program.

Explanation: The error message cannot be retrieved.

DWC08915E Internal error: an error occured while running the user-defined program.

Explanation: A Java exception occurred or the polling step program was interrupted.

DWC08917E Internal error: unexpected interruption while running the user defined program.

Explanation: The polling step program was interrupted unexpectedly.

DWC08919I The polling step program ran successfully. The last time stamp for processing real time data is "<timestamp>".

Explanation: The last update timestamp of Websphere Site Analyzer's webmart is provided. This message is displayed whenever any of the data imports is a real time data import.

DWC08930E An internal SAP extractor error occured. Message category = "<category-name>". Message code = "<code-id>" in function "<function-name>".

User Response: Please refer to the message category, message code and the SAP message.

DWC08931E Cannot connect to the SAP server. Message category = "<category-name>". Message code = "<code-id>". SAP message = "<message-id>".

Explanation: The SAP server is down or there was an authentication problem.

User Response: Please refer to the message category, message code and the SAP message for further explanation.

DWC08932E An error occurred during the retrieval of the Business Objects list. Message category = "<category-name>". Message code = "<code-id>". SAP message = "<message-id>".

User Response: Please refer to the message category, message code and the SAP message for further explanation.

DWC08933E An error occurred during the retrieval of the Business Objects details. Message category = "<category-name>". Message code = "<code-id>". SAP message = "<message-id>".

User Response: Please refer to the message category, message code and the SAP message for further explanation.

DWC08934E An error occurred during the retrieval of SAP data. Message category = "<category-name>". Message code = "<code-id>". SAP message = "<message-id>".

User Response: Please refer to the message category, message code and the SAP message for further explanation.

DWC08935E An error occurred during the population of the target table. Message category = "<category-name>". Message code = "<code-id>". SAP message = "<message-id>".

User Response: Please refer to the message category, message code and the related message for further explanation.

DWC08936W Skipped "<function-name>" due to inconsistent metadata found in the Business Object details. Message category = "<category-name>". Message code = "<code-id>". SAP message = "<message-id>".

Explanation: This business object will not be retrieved because of inconsistent metadata.

User Response: Please refer to the message category, message code and the SAP message for further explanation.

DWC08937I Connecting to the SAP Server. Message category = "<category-name>". Message code = "<code-id>". SAP message = "<message-id>".

DWC08938I Retrieving Business Objects list. Message category = "<category-name>". Message code = "<code-id>". SAP message = "<message-id>".

DWC08939I Retrieving Business Object details. Message category = "<category-name>". Message code = "<code-id>". SAP message = "<message-id>".

DWC08940I Retrieving SAP data. Message category = "<category-name>". Message code = "<code-id>". SAP message = "<message-id>".

DWC08941I Populating the target table. Message category = "<category-name>". Message code = "<code-id>". Related message = "<message-id>".

DWC08960I Agent STDOUT console messages for BPI ImportDimBatch command follow:

Explanation: An error occurred while running a Data Warehouse Center BPI command on a Data Warehouse Center agent. The console STDOUT message stream is displayed to help diagnose the cause of the error.

User Response: Examine the console STDOUT messages for information about an encountered error.

DWC08961I Agent STDERR console messages for BPI ImportDimBatch command follow:

Explanation: An error occurred while running a BPI command on a Data Warehouse Center agent. The console STDERR stream is provided to help diagnose the cause of the error.

User Response: Examine the console STDERR messages for information about the encountered error.

DWC08962I Agent STDOUT console messages for BPI DataBatch command follow:

Explanation: An error occurred while running a BPI command on a Data Warehouse Center agent. The console STDOUT messages for the process are provided to help diagnose the problem.

User Response: Examine the console STDOUT messages for information to help diagnose the problem.

DWC08963I Agent STDERR console messages for BPI DataBatch command follow:

Explanation: An error occurred while running a BPI command on a Data Warehouse Center agent. The console STDERR stream for the command process is provided to help diagnose the problem.

User Response: Examine the STDERR console messages to help diagnose the cause of the problem.

DWC08964I BPI agent program parameters are missing. "<number-provided>" of "<number-required>" required parameters were provided.

Explanation: A BPI command was invoked on the Data Warehouse Center agent but not all required parameters were provided.

User Response: Open the Data Warehouse Center properties dialog for the step and confirm

that all parameters are provided. All parameters must either have a valid value or be set to NULL to indicate that no value is passed for the parameter.

DWC08965I Cannot create BPI properties file "<filename>" in temporary directory "<directory-name>".

Explanation: The i2 Connector Data Warehouse Center program on the Data Warehouse Center agent was unable to create a properties file. The properties file passes parameters to the BPI command.

User Response: Verify that the Data Warehouse Center agent process has write authority for the directory indicated by the TMP environment variable.

DWC08966E I/O exception while waiting for BPI command completion. Exception message follows:

Explanation: An I/O exception was returned to the i2 Connector Java program while waiting for the BPI command process to complete.

User Response: To diagnose the error, check the exception message.

DWC08967E I/O exception occurred writing BPI properties file. Exception message follows:

Explanation: The i2 Connector Data Warehouse Center agent program creates a properties file in the temporary directory to pass parameters to the BPI command. While trying to write this file, the Java program returned an I/O exception. The file is written to the Java temporary working directory.

User Response: To diagnose the error, check the exception message.

DWC08968E FileNotFound exception occurred while writing BPI properties file. Exception message follows:

Explanation: The Data Warehouse Center program running on the Data Warehouse Center agent was unable to create a BPI properties file. The name of the file is of the form DWCBPIxxxxx.properties.

User Response: Check that the Data Warehouse Center agent process has write authorization to the directory indicated by the TMP environment variable. See the exception message text for more information.

DWC09001E A Data Warehouse Center process timed out waiting for an operating system event to occur.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09002E An error occurred creating a new process.

Explanation: When this message is the secondary return code for message 7220, it can either be caused by an invalid user ID or password supplied on the agent site definition, or when the agent executable, IWH2AGNT, is missing or damaged.

User Response: Check the user ID and password supplied for the agent site definition. If this information is correct, contact IBM Software Support for additional help.

DWC09003E An error occurred terminating an existing process.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09004E A process which was already running was requested to start.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09005E A process which was no longer active was requested to terminate.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09006E An error occurred creating a new thread.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09007E An error occurred terminating an existing thread.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09008E An attempt was made to create a thread which already existed.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09009E An attempt was made to terminate a thread which no longer existed.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09010E An error occurred acquiring a mutual-exclusion semaphore.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09011E An attempt was made to acquire a mutual exclusion semaphore which was already acquired.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09012E An error occurred releasing a mutual exclusion semaphore.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09013E An attempt was made to release a mutual exclusion semaphore which was already released.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09014E An error occurred creating a mutual exclusion semaphore.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09015E An attempt was made to acquire or release a mutual exclusion semaphore which was not open.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09016E An error occurred signaling an event semaphore.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09017E An error occurred while waiting for an event semaphore.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09018E An error occurred creating an event semaphore.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09019E An error occurred opening the Data Warehouse Center .INI file (in the Registry).

Explanation: The Data Warehouse Center portion of the NT Registry could not be accessed.

User Response: Make sure that the user ID and password specified during initialization has Administration authority, and that entries exist in the NT registry for HKEY_LOCAL_MACHINE/SOFTWARE/IBM/Data Warehouse Center.

DWC09020E Failed to obtain the security account information for the user ID specified with the agent site user ID.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09021E Failed on event semaphore set signal.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09022E Failed on event semaphore reset signal.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09102E A Message Queue already exists.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error

message and contact IBM Software Support with the information.

DWC09103E Message Queue creation failed. This may indicate than another process is using the same port number.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09104E Message Queue destroy failed.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09105E Message queue instance count is invalid.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09106E Message queue listen terminated abnormally.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09107E Invalid message received by queue.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error

message and contact IBM Software Support with the information.

DWC09108E Invalid message type received.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09109E Invalid message queue size specified.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09110E Invalid message number passed to message queue.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09111E Invalid message queue name received.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09112E Message Queue not created.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09113E Message queue purge failed.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09114E Message receive failed.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09115E Message queue accept failed.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09116E Message queue send failed.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09117E Message queue timeout occurred before message received.

Explanation: A Data Warehouse Center internal error occurred.

User Response:

1. If importing table names, restrict the list to fewer tables. Some ways to do this are:
   - Request tables but not views.
   - Use a table qualifier.
   - Request a table qualifier and table name.
2. Increase the agent start/stop timeout in the configuration.

3. If this is not successful, record all details of this error message and contact IBM Software Support with the information.

DWC09118E Invalid message number specified.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09119E Invalid message queue character type (non-Unicode) specified.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09120E No message received on message queue.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09121E The maximum number of clients is already being polled. Maximum client count: "<count>".

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09122E The client name is invalid. Client name: "<name>".

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error

message and contact IBM Software Support with the information.

DWC09123E No room in the poll client table for another client. Current client count: "<count>".

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09124E Polling a partner process failed, indicating that the partner has lost connectivity or died. Ping message: "<message>". Loop count: "<count>".

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09125E There are no dead client names to return.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09141E Message attribute set method failed.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09142E Message attribute get method failed.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09143E Message attribute set method contains invalid data.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09144E Message not ready for send.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09145E Message contents corrupted.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09146E Message contents contain unsupported (non-Unicode) character type.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09147E Message pack method failed.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09148E Message pack buffer too large.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09149E The Data Warehouse Center client message code is a down-level version and cannot communicate with the installed warehouse server.

Explanation: The Data Warehouse Center client message code is a down-level version and cannot communicate with the installed warehouse server.

User Response: You must upgrade the client code to match the warehouse server level.

DWC09152E Win32 function FormatMessage() failed. Attempted lookup for return code: "<return- code>".

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09153E Win32 function LoadLibrary() failed. Attempted to load file: "<file- name>".

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09154E Win32 function RegCreateKeyEx() failed. Subkey: "<subkey>".

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error

message and contact IBM Software Support with the information.

DWC09155E Win32 function RegSetValueEx() failed. Value: "<value>".

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09156E Win32 function RegisterEventSource() failed. Event source name: "<source-name>".

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09157E Win32 function ReportEvent() failed. Event code: "<code>". Event type: "<type>".

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09158E Data Warehouse Center was unable to delete a key from the Windows NT registry.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09159E Win32 function RegOpenKeyEx failed. Key: "<key>".

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09160E   Win32 function RegQueryValueEx failed. Value: "<value>".

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09161E   Win32 function GetEnvironmentVariable failed. Variable name: "<name>".

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09162E   The configuration variable "<variable-name>" was not found in the configuration table.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09163E   The configuration variable "<variable-name>" is not a numerical variable.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09164E   The configuration variable "<variable-name>" is not a character string variable.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09171E   The NT Service "<service-name>" could not be started.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09172E   Win32 function OpenSCManager() failed.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09173E   Win32 function CreateService() failed. Service name: "<service-name>". Service label: "<service-label>".

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09181E   A call to new failed. Memory name: "<name>".

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09191E A call to _wfopen() failed. File name: "<file-name>".

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09192E A call to fwprintf() failed. File name: "<file-name>". String: "<string>".

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09203E An invalid number of arguments was received.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09204E An invalid argument was received.

Explanation: A Data Warehouse Center internal error occurred.

User Response: Record all details of this error message and contact IBM Software Support with the information.

DWC09205E The Create Database DB2 Command failed for the control database.

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC10004E WSAEINTR The (blocking) call was canceled via WSACancelBlockingCall().

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWCE10009E WSAEBADF

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC10013E WSAEACCES The requested address is a broadcast address, but the appropriate flag was not set.

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC10014E WSAEFAULT The argument is not in a valid part of the user address space.

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC10022E WSAEINVAL The socket has not been bound to an address with bind, or the listen function was not invoked before accept.

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC10024E WSAEMFILE The queue is empty upon entry to accept and there are no descriptors available.

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC10035E WSAEMFILE No more file descriptors are available.

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC10036E WSAEINPROGRESS A blocking windows sockets operation is in progress.

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC10037E WSAEALREADY The asynchronous routine being canceled has already completed.

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC10038E WSAENOTSOCK The descriptor is not a socket.

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC10039E WSAEDESTADDRREQ A destination address is required.

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC10040E WSAEMSGSIZE The datagram was too large to fit into the specified buffer and was truncated.

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC10041E WSAEPROTOTYPE The specified protocol is of wrong type for this socket.

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC10042E WSAENOPROTOOPT The option is unknown or unsupported by the socket type in your operating system.

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC10043E WSAEPROTONOSUPPORT The specified protocol is not supported.

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC10044E WSAESOCKTNOSUPPORT The specified socket type is not supported in this address family.

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC10045E WSAEOPNOTSUPP The referenced socket is not of a type that supports connection-oriented service.

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC10046E WSAEPFNOSUPPORT

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC10047E WSAEAFNOSUPPORT The specified address family is not supported by this protocol.

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC10048E WSAEADDRINUSE The specified address is already in use.

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC10049E WSAEADDRNOTAVAIL The specified address is not available from the local computer.

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC10050E WSAENETDOWN The Windows Sockets implementation has detected that the network subsystem has failed.

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC10051E WSAENETUNREACH The network cannot be reached from this host at this time.

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC10052E WSAENETRESET The connection must be reset because the Windows Sockets implementation dropped it.

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC10053E WSAECONNABORTED The virtual circuit was aborted due to timeout or other failure.

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC10054E WSAECONNRESET The virtual circuit was reset by the remote side.

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC10055E WSAENOBUFS No buffer space is available.

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC10056E WSAEISCONN The socket is already connected.

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC10057E WSAENOTCONN The socket is not connected.

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC10058E WSAESHUTDOWN The socket has been shut down.

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC10059E WSAETOOMANYREFS

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC10060E WSAETIMEDOUT The attempt to connect timed out without establishing a connection.

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC10061E WSAECONNREFUSED The attempt to connect was forcefully rejected.

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC10062E WSAELOOP

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC10063E WSAENAMETOOLONG

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC10064E WSAEHOSTDOWN

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC10065E WSAEHOSTUNREACH

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC10066E WSAENOTEMPTY

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC10067E WSAEPROCLIM

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC10068E WSAEUSERS

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC10069E WSAEDQUOT

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC10070E WSAESTALE

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC10071E WSAEMFILE

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC10091E WSASYSNOTREADY The underlying network subsystem is not ready for network communication.

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC10092E WSAVERNOTSUPPORTED The version of Windows Sockets support requested is not provided by this particular Windows Sockets implementation.

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC10093E WSANOTINITIALISED A successful WSA startup must occur before using this function.

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC11001E WSAHOST_NOT_FOUND Authoritative answer host not found.

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC11002E WSATRY_AGAIN Non-authoritative host not found, or SERVERFAIL.

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC11003E WSANO_RECOVERY Nonrecoverable errors: FORMERR, REFUSED, NOTIMP.

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC11004E WSANO_DATA Valid name, but no data record of requested type.

Explanation: An internal error occurred.

User Response: Contact IBM Software Support.

DWC12001I The warehouse server has been successfully started.

Explanation: Informational Message.

User Response: None.

DWC12002I The warehouse server has been successfully stopped.

Explanation: Informational Message.

User Response: None.

DWC12003I The Data Warehouse Center Logger has been successfully started.

Explanation: Informational Message.

User Response: None.

DWC12004I The Data Warehouse Center Logger has been successfully stopped.

Explanation: Informational Message.

User Response: None.

DWC13001E Import/Export failed to open the tag language file "<filename>".

Explanation: The tag language file could not be opened for input (Import) or output (Export) due to one of the following reasons:

- The tag language file is in use.
- The file name is invalid.
- Import only: The file name is not an existing file name. Use Find to select an existing tag language file.
- Import only: One of the associated files was not in the same directory as the tag file.

User Response: If a tag language file is being replaced on Export, ensure that it does not have the read-only attribute set. On Import, ensure all the associated files with numbered extensions are in the same directory as the tag file.

DWC13002E The tag language file contains no valid tags to import.

Explanation: An empty tag language file was detected on Import, or the tag language file that you specified does not contain any usable tags to import.

User Response: Verify that you have specified the name of a file containing valid tag language for Data Warehouse Center objects.

DWC13003E Import cannot read the tag language file.

Explanation: An error occurred while Import read the tag language file.

User Response: Verify that the tag language file has not been corrupted during Import. Then, verify that there is enough memory available on your system.

DWC13004E Incomplete object definition or relationship definition in the tag language file.

Explanation: Import detected an incomplete object or relationship definition at the end of the tag language file.

User Response: Verify that the tag language file is not corrupt by attempting to export and import it. If you still receive this error, there might be a problem with the program that generated the file. If you used an external program, contact the vendor that provides the program or tag language file.

DWC13101E Export failed to open the input file.

Explanation: The input file could not be opened on Export. The file is in use or the file name is invalid.

User Response: If you are using the interface to export the file, verify that the file is not in already in use and that the file name is correct. If the error still occurs, contact IBM Software Support.

DWC13102E The input file contains no usable data for export.

Explanation: An empty input file was detected during export.

User Response: Attempt to export again. If the message occurs repeatedly, contact IBM Software Support.

DWC13103E Export cannot read the input file.

Explanation: Error occurred while reading the input file on Export.

User Response: Verify the input file has not been corrupted during Export. Then, verify that there is an adequate amount of memory available on your system.

DWC13105E The object type specified in a relationship does not exist.

Explanation: An attempt was made to export a relationship to or from an unknown type of object.

User Response: Contact IBM Software Support.

DWC13106E An installation error has occurred. Export cannot open the files containing object definition.

Explanation: To perform an export, Data Warehouse Center must access the following files:

- Flgnyvw0.ty1
- Flgnyvw1.ty1

These files are missing.

User Response: Re-install Data Warehouse Center.

DWC13201   Import failed to open the log file.

Explanation: The log file could not be opened on Import due to one of the following reasons:

- The filename is not valid.
- The pathname is not valid.
- You do not have write access to the log path.

User Response: Verify that you have write access to the log path specified and that there is an adequate amount of memory and storage available on your system. If the problem persists, contact IBM Software Support.

DWC13202E Syntax error -- one or more tag is out of sequence. An OBJECT tag must follow a ACTION.OBJINST tag.

Explanation: The tag language file you tried to import contains an incomplete object definition. An OBJECT tag was not found after an ACTION.OBJINST tag.

User Response: Verify that the tag language file is not being corrupted. To do this, run import again (or attempt to export and import again).

If the tag language file is corrupted, correct the tag language file and run import again. If you still receive this error contact IBM Software Support (or the vendor who provided the tag language file).

DWC13203E Syntax error -- OBJECT tag. The TYPE keyword could not be found.

Explanation: The tag language file you tried to import contains an incomplete object definition. The TYPE keyword of an OBJECT tag could not be found or the syntax of the tag is incorrect.

User Response: Verify that the tag language file is not being corrupted. To do this, run import again (or attempt to export and import again).

If the tag language file is corrupted, correct the tag language file and rerun Import. If you still receive this error contact IBM Software Support (or the vendor who provided the tag language file).

DWC13204W OBJECT tag -- the value for the TYPE keyword is not a valid type.

Explanation: Import did not recognize the value of the TYPE keyword for an OBJECT tag. The TYPE keyword should be identical to one of the OBJECT TYPE values defined at the top of a tag language file.

User Response: Correct the syntax error and rerun Import. Then, verify that the tag language file is not being corrupted. To do this, run import again (or attempt to export and import again). If the tag language file is corrupted, correct the tag language file and rerun Import. If you still receive this error, contact IBM Software Support (or the vendor who provided the tag language file).

DWC13205E Import must end because more memory is needed. You might need to close other windows or applications.

Explanation: Import could not allocate the memory it needed to represent a Data Warehouse Center object .

User Response: Increase the virtual memory available to your system (paging file size), or close other windows or applications that are running. If problem persists, contact IBM Software Support.

DWC13206E Syntax error -- one or more tags is out of sequence. An INSTANCE tag could not be found after an ACTION.OBJINST tag.

Explanation: The tag language file you tried to import contains an incomplete object definition. To identify the object instance being updated, an INSTANCE must follow an ACTION.OBJINST tag .

User Response: Verify that the tag language file is not being corrupted. To do this, run import again (or attempt to export and import again).If the tag language file is corrupted, correct the tag language file and run Import again. If you still receive this error contact IBM Software Support (or the vendor who provided the tag language file).

DWC13207E Syntax error -- one or more tag is out of sequence. A RELTYPE tag could not be found after an ACTION.RELATION tag.

Explanation: The tag language file you tried to import contains an incomplete relationship definition. A RELTYPE tag could not be found for an object definition.

User Response: Verify that the tag language file is not being corrupted. To do this, run import again (or attempt to export and import again). If you still receive this error, contact IBM Software Support (or the vendor who provided the tag file).

DWC13208E Syntax error -- RELTYPE tag. The TYPE keyword could not be found.

Explanation: The tag language file you tried to import contains an incomplete relationship definition. The TYPE keyword for a RELTYPE tag could not be found or the syntax is incorrect.

User Response: Verify that the tag language file is not being corrupted. To do this, run import again (or attempt to export and import again). If the tag language file is corrupted, correct the tag language file and rerun Import. If you still

receive this error contact IBM Software Support (or the vendor who provided the tag language file).

DWC13209E Syntax error -- RELTYPE tag. The SOURCETYPE keyword could not be found.

Explanation: The tag language file you tried to import contains an incomplete relationship definition. The SOURCETYPE keyword for a RELTYPE tag could not be found.

User Response: Verify that the tag language file is not being corrupted. To do this, run import again (or attempt to export and import again). If you still receive this error, contact IBM Software Support (or the vendor who provided the tag language file).

DWC13210W RELTYPE tag -- the value for the SOURCETYPE keyword is not a valid type.

Explanation: The value of the SOURCETYPE keyword for a RELTYPE tag is not valid. The SOURCETYPE keyword for a RELTYPE tag should be one of the OBJECT TYPE values defined at the top of the tag language file.

User Response: Correct the tag language file and run Import again. If the error persists, verify that the tag language file is not being corrupted. To do this, attempt to export and import the file again. If the tag language file is corrupted, correct the file and run Import again. If you still receive this error, contact IBM Software Support (or the vendor who provided the tag language file).

DWC13211E Syntax error -- RELTYPE tag. The TARGETYPE keyword could not be found.

Explanation: The tag language file you tried to import contains an incomplete relationship definition. The TARGETYPE keyword for a RELTYPE tag could not be found.

User Response: Correct the tag language file and run Import again. If the error persists,

attempt to export and import again to verify that the tag language file is not corrupted. If the tag language file is corrupted, correct the tag language file and run Import again. If you still receive this error, contact IBM Software Support (or the vendor who provided the tag language file).

DWC13212W RELTYPE tag -- The value for the TARGETYPE keyword is not a valid type.

Explanation: The TARGETYPE keyword for a RELTYPE tag should be one of the OBJECT TYPE values defined at the top of the tag language file.

User Response: Verify that the tag language file is not being corrupted. To do this, attempt to export and import again. If the tag language file is corrupted, correct the tag language file and run Import again. If you still receive this error, contact IBM Software Support (or the vendor who provided the tag language file).

DWC13213E Syntax error -- one or more tag is out of sequence. An INSTANCE tag could not be found after an ACTION.RELATION tag.

Explanation: The tag language file you tried to import contains an incomplete relationship definition. An INSTANCE tag could not be found for a relationship definition.

User Response: Verify that the tag language file is not being corrupted. To do this, attempt to export and import again. If the tag language file is corrupted, correct the tag language file and run Import again. If you still receive this error, contact IBM Software Support (or the vendor who provided the tag language file).

DWC13214E Syntax error -- RELTYPE tag. The SOURCEKEY keyword could not be found.

Explanation: The tag language file you tried to import contains an incomplete relationship definition. The value for the SOURCETYPE keyword of a RELTYPE tag could not be found.

User Response: Verify that the tag language file is not being corrupted. To do this, attempt to export and import again. If the tag language file is corrupted, correct the tag language file and run Import again. If you still receive this error, contact IBM Software Support (or the vendor who provided the tag language file).

DWC13215E Syntax error -- RELTYPE tag. The TARGETKEY keyword could not be found.

Explanation: The tag language file you tried to import contains an incomplete relationship definition. The value for TARGETYPE keyword of a RELTYPE tag could not be found.

User Response: Verify that the tag language file is not being corrupted. To do this, attempt to export and import again. If the tag language file is corrupted, correct the tag language file and run Import again. If you still receive this error, contact IBM Software Support (or the vendor who provided the tag language file).

DWC13216E Syntax error -- an ACTION tag could not be found.

Explanation: The tag language file you tried to import contains an incomplete object or relationship definition. An ACTION tag for an object or relationship definition could not be found.

User Response: Verify that the tag language file is not being corrupted. To do this, attempt to export and import again. If the tag language file is corrupted, correct the file and run Import again. If you still receive this error, contact IBM Software Support (or the vendor who provided the tag language file).

DWC13217E An invalid tag name "<tag-name>" was encountered.

Explanation: An invalid tag was found in the tag language file.

User Response: Consult the *Information Catalog Manager Administration Guide* for a list of valid tags. Then, insert the correct tag into the tag

language file. Next, attempt to export and import again to verify that the tag language file is not corrupted. If you still receive this error, contact IBM Software Support (or the vendor who provided the tag language file).

DWC13218E Syntax error -- ACTION tag. :ACTION. must be followed immediately by an OBJTYPE, OBJINST or RELATION keyword.

Explanation: The tag language file you tried to import contains invalid tag language. It contains an :ACTION. tag that does not contain one of the keywords OBJTYPE, OBJINST, or RELATION.

User Response: Add the proper syntax to the tag language file. Then, to verify that the tag language file is not being corrupted, run import again (or attempt to export and import again). If you still receive this error, contact IBM Software Support (or the vendor who provided the tag language file).

DWC13219E An internal error has occurred.

Explanation: An internal error has occurred in Import.

User Response: Contact IBM Software Support.

DWC13220E An internal error has occurred.

Explanation: An internal error has occurred in Import.

User Response: Contact IBM Software Support.

DWC13221E Syntax error -- a tag contains invalid nesting of parentheses.

Explanation: The tag language file you tried to import contains invalid tag language. An :INSTANCE tag contains an invalid nesting of parentheses.

User Response:

1.   Correct the syntax error in the tag language file. Then, to verify that the tag language file is not being corrupted, run import again (or attempt to export

and import again). If you still receive this error, contact IBM Software Support (or the vendor who provided the tag language file).

2. Verify that the tag language file does not contain ( ) in metadata. If the file does contain ( ), they must be enclosed in single quotes.

DWC13222E Syntax error -- a closing parenthesis for a keyword value could not be found.

Explanation: The tag language file you tried to import contains invalid tag language. A closing parenthesis for a tag keyword could not be found.

User Response: Correct the syntax error in the tag language file. Then, to verify that the tag language file is not being corrupted, run import again (or attempt to export and import again). If you still receive this error, contact IBM Software Support (or the vendor who provided the tag language file).

DWC13223E An internal error has occurred.

Explanation: An internal error was introduced into the import program.

User Response: Look up any other errors that are reported. If no other errors are reported, contact IBM Software Support.

DWC13224E A Data Warehouse Center object referenced in the SOURCEKEY or TARGETKEY keyword of a relationship definition does not exist.

Explanation: A Data Warehouse Center object referenced in the SOURCEKEY or TARGETKEY value of a relationship definition was not defined in the target control database when Import processed the relationship. An object referenced in a relationship definition must either be defined in the tag language file before the relationship definition is defined or the object must already exist in the target database.

User Response: Correct the syntax in the tag language file. Then, to verify that the tag language file is not being corrupted, run import again (or attempt to export and import again). If you still receive this error, contact IBM Software Support (or the vendor who provided the tag language file).

DWC13226E An internal error has occurred.

Explanation: Import was unable to allocate a Data Warehouse Center object corresponding to a tag object definition.

User Response: Increase the virtual memory available to your system (paging file size). If you still receive this error, contact IBM Software Support.

DWC13227E Data Warehouse Center does not allow a relationship between SOURCETYPE "<source type-name>" and TARGETTYPE "<target-type-name>".

Explanation: Data Warehouse Center does not allow a relationship between objects of the specified SOURCETYPE and objects of the specified TARGETTYPE.

User Response: Correct the error in the tag language file. Then, to verify that the tag language file is not being corrupted, run import again (or attempt to export and import again). If you still receive this error, contact IBM Software Supports or the vendor who provided the tag language file).

DWC13229E An internal error has occurred.

Explanation: An internal error has occurred.

User Response: Contact IBM Software Support.

DWC13230E A Data Warehouse Center object referenced in the SOURCEKEY or TARGETKEY keyword of a relationship definition does not exist.

Explanation: A Data Warehouse Center object referenced in the SOURCEKEY or TARGETKEY value of a relationship definition was not defined in the tag language file before Import processed the relationship. Object types must appear in the tag language file before a relationship which refers to them appears in the tag language file. Or, the object types must already exist in the target database. These object types are usually related to steps. For example, these object types might be step maps or step aliases.

User Response: Correct the tag language file. Then, to verify that the tag language file is not being corrupted, run import again (or attempt to export and import again). If you still receive this error, contact IBM Software Support (or the vendor who provided the tag language file).

DWC13231E An internal error has occurred.

Explanation: An internal error has occurred.

User Response: Contact IBM Software Support.

DWC13232E A database object does not exist for table object "<table-object-name>".

Explanation: A table object was found in a tag language file before its corresponding database object was found in the tag language file. The database is not defined in the target control database. When a table object is processed, its database must either be defined in the tag language file before the table is defined, or it must already exist in the target database.

User Response: Correct the tag language file and run Import again. Then, verify that the tag language file is not being corrupted. To do this, run import again (or attempt to export and import again). If you still receive this error, contact IBM Software Support (or the vendor who provided the tag language file).

DWC13233E An INSTANCE short_name required by an object could not be found.

Explanation: The tag language file you tried to import contains invalid tag language. One of the INSTANCE keywords required by an object could not be found.

User Response: Correct the tag language file. Then, to verify that the tag language file is not being corrupted, run import again (or attempt to export and import again). If you still receive this error, contact IBM Software Support (or the vendor who provided the tag language file).

DWC13234E One of the first five lines of the tag language file must be a COMMENT tag with platform information.

Explanation: The tag language file you tried to import is invalid. One of the first five lines in the tag language file must be :COMMENT.SYSTEM(WindowsNT) or :COMMENT.SYSTEM(OS/2).

User Response: Correct the tag language file. Then, to verify that the tag language file is not being corrupted, run import again (or attempt to export and import again). If you still receive this error, contact IBM Software Support (or the vendor who provided the tag language file).

DWC13235E The value for the PGMTYPE keyword of an IWHPROGF, IWHAGGRF, or IWHTRIGF object is not valid.

Explanation: The tag language file you tried to import is invalid. The value for the PGMTYPE keyword of an IWHPROGF, IWHAGGRF, or IWHTRIGF object is not a valid program type. It must be one of the following numbers, or the equivalent keyword: 0 = Dynamic Load Library, 1 = Command Program, 2 = Executable, 4 = DB2 Stored Procedure

User Response: Correct the tag language file. Then, to verify that the tag language file is not being corrupted, run import again (or attempt to

export and import again). If you still receive this error, contact IBM Software Support (or the vendor who provided the tag language file).

DWC13236E   Cannot create object "<object-name>" because its associated object does not exist.

Explanation: An object cannot be created because its associated object is not found. Currently, associated objects are relevant for:

- IWHAGGRF and IWHTRIGF objects that need a IWHPROGF object
- IWHFKEY objects that need IWHPKEY objects
- IWHKYMAP objects that need a COLUMN object

User Response: Correct the tag language file. Then, to verify that the tag language file is not being corrupted, run import again (or attempt to export and import again). If you still receive this error, contact IBM Software Support (or the vendor who provided the tag language file).

DWC13237E   Cannot update step "<step-name>" because it is not in development status.

Explanation: Data Warehouse Center cannot import a step which is already defined in the target control database and is not in development status.

User Response: Demote the step to development status and import again. If you cannot demote the step, you must use the step notebook to update it (rather than using import).

DWC13238W   The object of type "<object-type>" identified by "<object-key>" is defined twice in the tag language file.

Explanation: An object was defined more than once in the same tag language file. The second instance was saved.

User Response: If errors or problems are caused by the duplicate instance, remove one of the sets of OBJINST tags for the object from the tag

language file and attempt to import the file again. If the tag language file was created by a metadata export utility, contact IBM Software Support or the vendor who provided the tag language file.

Consult the log file for additional information.

DWC13239E   No object or relationship definitions were processed from the tag language file.

User Response: Ensure the tag language file contains at least one object or relationship definition. If you specified a starting checkpoint ID, ensure there is at least one object or relationship definition after that checkpoint ID, or after any checkpoint ID that is greater than the one specified.

DWC13300E   Can not open or read from file "<filename>".

Explanation: An error occurred during the attempt to open or read the file "<filename>".

User Response: Ensure the file name and path name are correct.

DWC13301E   Cannot create or write file "<filename>".

Explanation: An error occured during the attempt to create or write to file "<filename>".

User Response: Ensure the file name and path name are correct.

DWC13302E   A parsing error occurred in the DB2 Extender DAD file "<filename>" in token "<token-name>". Reason code: "<reason-code>".

Explanation: An error in the token "<token-name>" occurred while parsing the DAD file "<filename>" for a table definition, as indicated by the following reason codes:

1. XML syntax error in DAD file.
2. A table tag has no name attribute.

3. A column or node does not contain the required values for Name and Type.

4. No <DAD> element found in DAD file.

5. No Xcollection element found in DAD file.

6. Incorrect number of column tags: only one column tag allowed in "<RDB-node>".

7. Incorrect number of table tags: one table must be in a "<RDB-node>" if a column tag exists in this "<RDB-node>".

User Response: Correct the syntax error in the DAD file.

DWC13304E   A parsing error occurred in the Trillium DDL file "<filename>" near token "<token-name>". Reason code: "<reason-code>".

Explanation: An error occurred near the token "<token-name>" while parsing the Trillium DDL file "<filename>" for a table definition, as indicated by the following reason codes:

1. The attribute for a field is already defined or no field is defined.

2. A record requires information about type and length.

3. A field requires information about type, length and starts.

4. Length and starts require numeric values.

5. Unexpected end of file. No fields defined for the record.

6. Only one record is allowed per file.

User Response: Correct the syntax error in the DDL file.

DWC13600I   The export process is complete. See the log file "<log-file>" for details.

Explanation: The Data Warehouse Center always creates a log file to capture all of the details from the export process, whether the export was successful or if it had errors.

User Response: View the log file to see the results of your export process.

DWC13601I   The metadata from the control database "<control-database>" exported successfully.

Explanation: This is an informational message to confirm that the metadata was exported without errors.

User Response: No action is necessary.

DWC13602E   The Data Warehouse Center encountered errors while exporting metadata "<metadata>".

Explanation: The Data Warehouse Center was unable to export the metadata that you selected because of errors.

User Response: To see more information on these errors, view the log file. Data Warehouse Center always creates a log file to capture the details from the export process, whether the export was successful or if it had errors. If you are unable to correct the errors, contact IBM Software Support for help.

DWC13603E   The export utility was unable to open the log file.

Explanation: The Data Warehouse Center always attempts to create a log file to capture all the details of the export process. This error indicates that Data Warehouse Center cannot access or open this log file. If the Data Warehouse Center cannot create the log file, the export process cannot continue. Some typical reasons that a log file could not be opened include:

- The file name is not valid.

- The path name is not valid.

- You do not have write access to the log path.

User Response: Verify that you have write access to the specified log path and that there is an adequate amount of memory and storage available on your system. If the problem persists, contact IBM Software Support.

DWC13604E The export utility was unable to open the feedback file "<feedback-file>".

Explanation: The Data Warehouse Center attempts to create a feedback file in the same directory as the XML file that you are exporting. This error indicates that Data Warehouse Center cannot access or open the feedback file. If Data Warehouse Center cannot create this feedback file, the result of the export process cannot be displayed, and the export process cannot continue.

User Response: Verify that you have write access to the specified path and that there is an adequate amount of memory and storage available on your system. If the problem persists, contact IBM Software Support.

DWC13700E The Data Warehouse Center object "<object1-type>" named "<object1-name>", which is required to import the Data Warehouse Center object "<object2-type>" named "<object2-name>", could not be found.

Explanation: This is an internal error that occurs when the import utility cannot find an object that should already exist in the Data Warehouse Center. If the required object was not created during the import process, the import utility cannot continue.

User Response: Verify that the XML file that you are importing is not damaged. To do this, regenerate the XML file from its original source and then run the import again. If you still receive this error message, contact IBM Software Support or the vendor who provided the file.

DWC13701E Unable to import the Data Warehouse Center object "<object1-type>" named "<object1-name>", because no common warehouse metamodel object of type "<object2-type>" was found.

Explanation: Creating an object of this type depends on Data Warehouse Center finding a necessary common warehouse metamodel object. Without this common warehouse metamodel object, the Data Warehouse Center object is not valid. If you are getting this error message, it is likely that the XML file that you are importing does not contain the necessary common warehouse metamodel object.

User Response: Verify that the XML file that you are importing is not damaged. To do this, regenerate the XML file from its original source and then run the import again. If you still receive this error message, contact IBM Software Support or the vendor who provided the file.

DWC13702E A primary key already exists and cannot be updated. The import process cannot continue.

Explanation: Your warehouse control database has a primary key, and the data that you are trying to import contains a different primary key on the same table. To complete the import process, there must either be just one primary key, or two primary keys that match. You cannot have two different primary keys.

User Response: To resolve the unmatched primary keys, take one of the following actions:
- Change your warehouse control database's primary key to match the primary key that is in the data that you want to import.
- Delete the primary key from the data that you want to import and use the primary key that is in your warehouse control database.
- Change the primary key in the data that you want to import to match the primary key that is in your warehouse control database.

DWC13703E A foreign key already exists and cannot be updated. The import process cannot continue.

Explanation: Your warehouse control database has a foreign key, and the data that you are trying to import contains a different foreign key on the same table. To complete the import process, there must either be just one foreign key, or two foreign keys that match. You cannot have two different foreign keys.

User Response: To resolve the unmatched foreign keys, take one of the following actions:

- Change your warehouse control database's foreign key to match the foreign key that is in the data that you want to import.
- Delete the foreign key from the data that you want to import and use the foreign key that is in your warehouse control database.
- Change the foreign key that is in the data you want to import to match the foreign key that is in your warehouse control database.

DWC13704E The import utility was unable to import the Data Warehouse Center object "<object1-type>" named "<object1-name>". This is because the value for the TaggedValue object "<object2-type>", which was specified for the UML object of type "<object3-type>", is not valid.

Explanation: This is an internal error that occurs when Data Warehouse Center finds values in the TaggedValue object that are outside of the expected range. For example, the file might contain text values instead of numeric values, or the numeric values are incorrect.

User Response: Contact IBM Software Support, or the vendor who supplied the file.

DWC13705E The import utility was unable to create a temporary XML file in the EXCHANGE directory. Exception = "<exception-code>".

Explanation: The Data Warehouse Center must be able to create a copy of the XML file in the same directory as the CWM.DTD file. This error message indicates that Data Warehouse cannot create that XML file. If Data Warehouse Center cannot create this file, the import process cannot continue.

User Response: Verify that you have write access to the specified EXCHANGE path and that there is an adequate amount of memory and storage available on your system. If the problem persists, note the exception code from this error message and contact IBM Software Support.

DWC13706E The XML file "<XML-file>" cannot be loaded. Exception = "<exception-code>"

Explanation: This is an internal error that occurs when Data Warehouse Center is unable to read an XML file during the import process. Typical causes include files that have either been damaged, or that do not contain XML data. If Data Warehouse Center cannot read the XML file, the import process cannot continue.

User Response: Verify that the XML file that you are importing is not damaged. To do this, regenerate the XML file from its original source and then run the import again. If you still receive this error message, contact IBM Software Support or the vendor who provided the file.

DWC13707E The import utility was unable to open the log file.

Explanation: The Data Warehouse Center always attempts to create a log file to capture all the details of the import process. This error indicates that Data Warehouse Center cannot access or open the log file. If the Data Warehouse Center cannot create the log file, the import process cannot continue.

User Response: Some typical reasons that a log

file could not be opened on import include:

- The file name is not valid.
- The path name is not valid.
- You do not have write access to the log path.

Check to see if any of these problems exist and if so, make the necessary changes, or call IBM Software Support.

DWC13708E The import utility was unable to open the feedback file "<feedback-file>".

Explanation: The Data Warehouse Center attempts to create a feedback file in the same directory as the XML file that you are importing. This error indicates that Data Warehouse Center cannot access or open the feedback file. If Data Warehouse Center cannot create the feedback file, the result of the import process cannot be displayed.

User Response: Verify that you have write access to the specified path and that there is an adequate amount of memory and storage available on your system. If the problem persists, contact IBM Software Support.

DWC14001E "<database-name>": Database not found.

Explanation: A transformer internal error occurred. A translatable database was not found in the resource property file.

User Response: Ensure the database is running normally. Verify that the process running the transformer has the authority to create tables. Then, run the transformer again.

DWC14002E Log table access error.

Explanation: A transformer could not access the transformer error log table.

User Response: Ensure the database is running normally. Verify that the process running the transformer has the authority to create tables. Then, run the transformer again.

DWC14003E Log table definition error.

Explanation: The structure of the transformer error log table does not match the structure required by the error logging function. If the transformer code has been updated, the required error logging table structure may have changed.

User Response: Drop the transformer error log table. It will be recreated by the transformer the next time the transformer is run.

DWC14005E Run ID "<value>" is invalid. It must be an integer.

Explanation: The run ID value specified is invalid. It must be an integer. The run ID is used by the transformers in the log table to uniquely identify the process when the transformer is invoked.

User Response: Change the run ID to an integer.

DWC14006E Required parameter not specified: "<parameter-name>".

Explanation: You did not supply a required parameter for the transformer.

User Response: Enter the missing parameter and run the transformer again.

DWC14007E Data type of column "<column-name>" is not valid for column type specified.

Explanation: The data type of the column does not match the required data type for the period that you specified.

User Response: Take one of the following actions:

- Select a column that has a data type that matches the data type for the period that you specified.
- Change the period to a period that has a data type that matches the column you selected.

DWC14008E   Could not access the specified run log: "<table-name>".

Explanation: A transformer could not access the transformer error log table.

User Response: Ensure the database is running normally. Verify that the process running the transformer has the authority to create tables. Then, run the transformer again.

DWC14009E   Data type of the "<column-name>" column is not valid; it must be "<data-type>".

Explanation: The data type for the selected column is incorrect.

User Response: Correct the column data type and run the transformer again.

DWC14010E   Parameters "<name>" and "<name>" may not both be specified.

Explanation: You specified information for two fields that cannot be used together.

User Response: Clear one of the fields.

DWC14011E   One (and only one) of the parameters "<name>" and "<name>" must be specified.

Explanation: You specified information for two fields that cannot be used together.

User Response: Ensure that you specify information for one (and only one) of the fields.

DWC14012E   Specified column "<column-name>" not found in table "<table-name>".

Explanation: The specified column was not found in the table that you selected.

User Response: Check that the specified column is defined for the table that you selected or that the proper table is being used.

DWC14013E   Unable to calculate statistics value in method "<class-name>"."<method- name>". Error type: "<error>".

Explanation: A statistics method was unable to complete the calculations for a statistics value. This might have occurred because of one of the following:

- The input values passed to the statistics routine were too small or too large.
- The routine encountered a value of NaN (Not a Number) or Infinity in performing the calculations.

User Response: Correct the input data and rerun the transformer.

DWC14016E   Input table column data types must have a common promotable data type.

Explanation: The specified input table columns are expected to be either homogeneous or of types that are related to each other through automatic promotion.

User Response: Take one of the following actions:

- If you are defining a step that uses the PivotData Transformer, verify that the pivot groups are related to each other through automatic promotion.
- If you are defining a step that uses the InvertData Transformer, verify that the source table columns are related to each other through data type promotion (except for the first column if that is to be used for the output column names).

To understand the groups of related data types, refer to the "Promotion of Data Types" section in the *SQL Reference*.

DWC14017E   Invalid parameter: "<parameter-name>".

Explanation: The parameter passed to the transformer is invalid.

User Response: In the transformer documentation, find the allowable data format for the parameter. Then, fix the parameter.

DWC14018E Primary Key not found for table "<table-name>".

Explanation: The table specified does not have a primary key defined for it. The primary key is required for the table update.

User Response: Define a primary key for the specified table.

DWC14019E Value "<value>" for "<parameter-name>" parameter is invalid.

Explanation: The value specified for the field is invalid.

User Response: Check the documentation for the transformer to see the allowable data format for the field.

DWC14025E Table "<table-name>" has no key column to use for updates.

Explanation: For the transformer to update the table, the table must have a primary key column defined.

User Response: Define a primary key on the table and run the transformer again.

DWC14026E Could not access table "<table-name>".

Explanation: A transformer could not access the specified table.

User Response: Verify that the specified table exists.

DWC14027E No rows in table "<table-name>".

Explanation: The specified table is empty. No rows are defined for the table.

User Response: Verify that the correct table is specified.

DWC14028E NaN or Infinity returned by a Statistics function.

Explanation: A statistics method was unable to complete the calculations for a statistics value. Not a Number (NaN) or Infinity was returned from the calculate.

User Response: Contact IBM Software Support.

DWC14029E Both parameters "<name>" and "<name>" must be specified if one is.

Explanation: You cannot use one field without using the other.

User Response: Provide information for both of these fields.

DWC14100E A "<value>" sub-parameter was not specified in the "<parameter-name>" parameter.

Explanation: You provided information for a field without specifying the required secondary information.

User Response: Specify the correct secondary information and run the transformer again.

DWC14101E Data type of "<column-name>" column must be DATE, TIMESTAMP, or TIME.

Explanation: You specified a column that has an incorrect data type. The data type must be DATE, TIMESTAMP, or TIME.

User Response: Correct the data type to DATE, TIMESTAMP, or TIME and run the transformer again.

DWC14102E Value for "<parameter-name>" parameter is earlier than "<parameter- name>" parameter.

Explanation: The value specified for the first parameter in the message must be later than the value specified for the second parameter in the message.

User Response: Correct the value in the first parameter (or second parameter if necessary) and run the transformer again.

DWC14103E Invalid "<value>" sub-parameter specified for column "<column-name>".

Explanation: You specified an invalid sub-parameter for a column.

User Response: Specify a valid value for the sub-parameter and run the transformer again.

DWC14104E The specified Date or Time value "<value>" is not in ISO format or has incorrect values.

Explanation: You specified an incompatible Date or Time value.

User Response: Correct the data type to Date, TimeStamp, or Time and run the transformer again.

DWC14200E ANOVA supports up to 3 Grouping columns.

Explanation: ANOVA supports from 1 to 3 Grouping columns. The number of Grouping columns determines the type of ANOVA calculation performed. One, two, or three grouping columns results in either a One-way, Two-way, or Three-way ANOVA, respectively.

User Response: Change the number of Grouping columns accordingly.

DWC14201E ANOVA Grouping column is the same as Data column.

Explanation: An ANOVA Grouping column is the same as the Data column.

User Response: Remove the column that you want to use as the Data column from the Grouping columns.

DWC14202E ANOVA Cell count is less than 2.

Explanation: In the Two-way or Three-way ANOVA, the multi-dimensional cell count

(number of data items in the subgroup) must be 2 or greater.

User Response: Check the input data table and ensure that the input data conforms to this requirement.

DWC14203E ANOVA Cell count is not equal in all cells.

Explanation: In the Two-way or Three-way ANOVA, the multi-dimensional cell count (number of data items in the subgroup) must be equal across all cells.

User Response: Check the input data table and ensure that the input data conforms to this requirement.

DWC14204E Query returned incorrect number of rows for "<grouping-column-name>".

Explanation: During a query, an invalid number of rows was returned for the Grouping column specified. The number of rows expected was determined from an earlier query.

User Response: Rerun the function. Ensure that the input table is not being concurrently updated by another process.

DWC14255E Table cannot be cross-tabulated.

Explanation: The input table for the Chi-square transformer cannot be converted into a cross-tabulated table. Two grouping columns have been entered. Conceptually, Chi-square uses the data in these two columns to form the rows and columns of a cross-tabulated table populated by the Observed Frequencies column data.

User Response: Check that the grouping columns in the input table contain data that can be used to create a cross-tabulated table.

DWC14256E Cannot calculate expected values without two grouping columns.

Explanation: Two grouping columns are required to calculate expected values.

User Response: Select an additional column to be a grouping column or specify a column to be used as Expected frequencies column.

DWC14257E Cannot calculate expected values if Expected Frequencies column is specified.

Explanation: You have entered an Expected Frequencies column name and an Expected Values output table name. Only one or the other can be specified.

User Response: Remove either the Expected Frequencies column name or the Expected Values output table name from the step.

DWC14300E Input data column not specified for rule definition "<rule-name>".

Explanation: You did not provide a source data column for a rule that you defined.

User Response: Verify that the source table has been imported into the Data Warehouse Center and that all columns that are used in the rules definition exist in the imported table.

DWC14301E Two or more rows specifying the same output column "<column-name>" have different input columns.

Explanation: You defined two or more rules that write to the same target column.

User Response: Change the Clean Data transformer rule definitions so that each column in the target table is associated with only one column in the source table.

DWC14302E Input column "<column-name>" and output column "<column-name>" data types do not match.

Explanation: One or more of the name columns in the source and target tables that you defined in a rule have different data types.

User Response: Ensure that the name columns

in the source and target tables are of the same type.

DWC14303E In rule definition "<rule-definition>", no rule type specified for table "<table-name>".

Explanation: You did not specify a clean type for a clean transformer.

User Response: Verify that you selected a clean type for each entry in the Data Warehouse Center Clean Data transformer window.

DWC14304E In rule definition "<rule-name>", no table specified for rule type "<rule- type>".

Explanation: You did not specify a rule table for a rule definition.

User Response: Ensure that all ″find and replace″, ″clip″, and ″discretize″ rules have rules tables that exist and are known to the Data Warehouse Center.

DWC14305E In rule definition "<rule-name>", no columns specified for table "<table- name>".

Explanation: You did not specify columns for a rule definition.

User Response: Verify that each ″find and replace″, ″clip″, and ″discretize″ rule has a table with columns appropriate to the selected rule.

DWC14306E In rule definition "<rule-name>", no table specified for specified columns "<column-names>".

Explanation: You did not specify a rule table for a rule definition.

User Response: Verify that each ″find and replace″, ″clip″, and ″discretize″ rule has a table with columns appropriate to the selected rule.

**DWC14307E In rule definition "<rule-name>",
rule type "<rule-type>" requires
"<count>" column names.**

Explanation: You selected a rule table that does
not have the correct number of columns selected
for the rule that you are defining.

User Response: Select the correct number of
columns for the rule definition.

The find and replace rule requires 2 or 3
columns, the extra column being the order by
column (see the "Managing Data Warehouse
Center" in the section titled "Using
transformers").

The Discretization rule requires 3 or 4 columns
with the extra column specifying the order in
which the rules are pulled from the rule table.
The clip rules requires 4 or 5 columns, where the
extra optional column is specified for the same
reasons as the previous two rules.

**DWC14308E In rule definition "<rule-name>",
input and output column data
types do not match those of the
rule table.**

Explanation: In a rule definition, you specified
a rule table that has different data types than the
source and column data type you specified.

User Response: Verify that the named columns
in the rule table (other than the order column)
have the same data type as the named columns
in the source and target tables.

**DWC14309E In rule definition "<rule-name>",
the row clean parameter
"<name>" is invalid. It must be a
″0″ or ″1″.**

Explanation: The row clean parameter for a rule
definition is invalid.

User Response: Ensure that the SQL string
contains either a ″0″ or a ″1″ for this parameter.
The default is ″0″.

**DWC14310E In rule definition "<rule-name>",
the white space indicator
parameter "<name>" is invalid. It
must be a ″0″ or ″1″.**

Explanation: You entered an invalid number in
the white space field in the Clean
transformer-numeric parameters window.

User Response: Ensure that the SQL string
contains either a ″0″ or a ″1″ for this parameter.
The default is ″0″ when nothing is entered.

**DWC14311E In rule definition "<rule-name>",
the respect case parameter
"<name>" is invalid. It must be a
″0″ or ″1″.**

Explanation: You entered an invalid number in
the respect case field in the Clean
transformer-numeric parameters window.

User Response: Ensure that the SQL string
contains either a ″0″ or ″1″ for this parameter.
The default is ″1″ when nothing is entered.

**DWC14312E In rule definition "<rule-name>",
the compress white space
parameter "<name>" is invalid. It
must be a ″0″ or ″1″.**

Explanation: You entered an invalid number in
the compress white space field in the Clean
transformer-numeric parameters window.

User Response: Ensure that the SQL string
contains either a ″0″ or ″1″ for this parameter.
The default is ″0″ when nothing is entered.

**DWC14313E In rule definition "<rule-name>",
the numeric tolerance must be a
positive integer or decimal
number.**

Explanation: You entered an invalid number in
the numeric tolerance field in the Clean
transformer-numeric parameters window.

User Response: Verify that the value entered for
this parameter is base 10 numeric and is greater
than or equal to zero.

DWC14350E Output table "<table-name>" is the same as the input table.

Explanation: You ran a Calculate Statistics or Correlation transformer using the same table for input and output. For these transformers, the input table must not be the same as the output table. The transformer reads data from the input table and writes results to the output table.

User Response: Rerun the transformer, providing the name of the table which contains the input data and the name of a different table where the results can be written.

DWC14351E Unexpected end of "<parameter-name>" parameter reached.

Explanation: Parsing of a parameter in the transformer stored procedure did not complete. The end of the parameter was detected sooner than expected. This error might occur for a number of reasons. For example:

- A left parenthesis does not have a matching right parenthesis or an extraneous comma is included in the parameter string
- A statistic identifier is missing

User Response: Review the correct syntax for the parameter in error, correct the parameter, and rerun the transformer.

DWC14352E Input column "<column-name>" has an invalid data type "<data-type>" for statistic "<statistic-name>".

Explanation: Statistic calculations can only be performed on specific types of data. A column with an unsupported data type was specified as an input column for a statistic calculation.

User Response: Review the valid input data type(s) for the statistic in error, specify the name of an input column that has a valid data type, and retry the calculation.

DWC14353E Output column "<column-name>" has an invalid data type "<data-type>" for statistic "<statistic-name>" and input column "<column-name>".

Explanation: The data type of the output column specified for a statistic calculation is invalid. Output from statistic calculations can only be of specific data types. Valid data types depend on the statistic. For some statistics, valid data types depend also on the data type of the input column. The error occurred because a column with an invalid data type was specified as an output column for a statistic calculation.

User Response: Review the valid output data type(s) for the statistic in error, specify the name of an output column that has a valid data type, and retry the calculation.

DWC14354E Output column "<column-name>" is specified for statistic "<name>" and for statistic "<name>".

Explanation: You specified the same output column for two statistic calculations. An output column can be used for only one statistic calculation.

User Response: Rerun the transformer, providing the name of a column which can be used for the results of one statistic calculation and the name of a different column which can be used for the results of the other statistic calculation.

DWC14355E Statistic identifier "<number>" is not supported.

Explanation: In Data Warehouse Center steps for the Calculate Statistics and Correlation Transformers, only the names of each statistic can be specified. Each statistic that can be calculated by the Calculate Statistics or Correlation Transformers is assigned a unique numeric identifier.

User Response: Contact IBM Customer Support.

DWC14356E Grouping column "<column-name>" is the same as an input column.

Explanation: You specified a column in the grouping columns field and as an input data column in the statistics definition field of the Calculate Statistics or Correlation transformer.

User Response: Provide the name of a column that contains the input data and the name of a different column or columns that can be used to group the results of the statistic calculation. Then, run the transformer again.

DWC14357E Grouping column "<column-name>" is specified twice.

Explanation: Remove the duplicate column name from the grouping column parameter and run the transformer again.

User Response: Remove the duplicate column name from the grouping column parameter and run the transformer again.

DWC14358E Grouping column "<column-name>" is the same as an output column.

Explanation: A column was specified as a grouping column in the grouping columns parameter and as an output data column in the statistics definition parameter of a Calculate Statistics or Correlation transformer.

User Response: You specified the same column in the grouping columns field that you specified as an output data column statistics definition field of a Calculate Statistics or Correlation transformer.

DWC14400E One or more correlation calculations resulted in a "null" value.

Explanation: The result of a correlation statistic calculation could not be represented as a number, so the result is represented in the output table as

null. The null result may have been caused by one of the following:

- You provided only one input value for a correlation statistic calculation. For example, the input table may contain only one row of data or one or more grouping columns may have been specified and one or more of the groups contains only one row of data.

- The p-value could not be calculated because the maximum number of iterations were reached during a continued fraction computation.

- The result of a correlation statistic calculation is negative or positive infinity.

User Response: Take one of the following actions:

- Ensure that the input table has at least two rows of data. After making your changes, run the Correlation transformer again.

- If one or more grouping columns are specified in the Correlation transformer parameter list, you might be able to avoid null results by ensuring that there are at least two rows of input data for each group.

DWC14401E Output column "<column-name>" has data type "<type>", but the data type must be "<type>" for this column.

Explanation: The Correlation transformer writes the names of the two columns that contain input data to the first two columns in the output table. One of the first two columns in the output table has an invalid data type.

User Response: Correct the data type of the column in the output table and run the transformer again.

DWC14402E Output column "<column-name>" has data type "<type>" and output column "<column-name>" has data type "<type>", but the data type must be "<type>" for each of these columns.

Explanation: The Correlation transformer writes the names of the two columns which contain

input data to the first two columns in the output table. Both of the first two columns in the output table have an invalid data type.

User Response: Correct the data type for each of the two columns in the output table and run the transformer again.

DWC14500E Too many rows ("<count>") to Invert. Maximum amount is "<count>".

Explanation: You tried to invert a table that has more rows than the maximum number of columns that your database will support.

User Response: Verify that the source table has a number of rows equal to or less than the maximum number of table columns supported in the version of DB2 running this transformer.

DWC14600E Moving Average Type is invalid.

Explanation: The type of Moving Average requested is invalid. Three function types are supported:

- Standard moving average
- Exponentially smoothed moving average
- Rolling sum

User Response: Change the Moving Average type to one of the three supported types.

DWC14601E Moving Average Period must be greater than 1.

Explanation: The period specified for calculating the Moving Average or Rolling Sum is invalid. The period must be an integer greater than 1.

User Response: Change the Moving Average period to an integer greater than 1.

DWC14602E Moving Average Data column same as Order By column.

Explanation: One of the Moving Average data columns selected is the same as one of the Order By columns.

User Response: Select data columns for Moving Average that are different from the Order By columns.

DWC14650E Carry over columns must be specified in pairs.

Explanation: Both source and target column names are required for the carry-over parameter.

User Response: Verify that the source column name exists and the specified target column name is valid within the constraints of the Data Warehouse Center.

DWC14651E Invalid number of pivot columns.

Explanation: The pivot groups contain different numbers of columns. Each pivot group must contain the same number of columns.

User Response: Verify that the number of column names match the number of columns in each group that is pivoted, unless only one column name is specified.

DWC14652E Invalid number of aggregation columns.

Explanation: You did not specify any columns in the pivot column field.

User Response: Specify one or more columns in the pivot column field. Ensure that the number of column names matches the number of columns in each group that is provided.

DWC14653E Number of columns in aggregation group does not match pivot column count.

Explanation: The number of data columns that you specified in the pivot columns field does not equal the total number of columns in your pivot groups.

User Response: Verify that the pivot columns parameter (as seen in the SQL) follows the following rule: Each group is delimited by a semi-colon ″;″. The first parameter in a group is the output column name. The second through n parameters in a group are the names of the input

table columns. In the special case where there is only one name in one group, that name is the output column name of the aggregated input columns where the number and names of the input columns are not known ahead of time.

DWC14654E Carry over columns not found in table "<table-name>".

Explanation: The columns you selected in the carry-over columns pair do not exist.

User Response: Verify that there are zero or more carry-over column pairs and that the named columns exist in both the source and target tables.

DWC14700E Independent Data column equals Dependent Data column.

Explanation: You selected the same column for the Criterion column as you selected for the Predictor column in a Regression transform. The column selected as the Criterion column cannot be the same as the column selected for the predictor column.

User Response: Remove the Criterion column from the Predictor selection and run the regression transform again.

DWC14701E Duplicate Independent Data columns.

Explanation: A column has been selected as a Predictor column twice.

User Response: Remove one selection from the Predictor column field. Then run the regression transform again.

DWC14702E Count from result set and previous row count not equal.

Explanation: During a query, an invalid number of rows was returned. The number of rows expected was determined from an earlier query.

User Response: Run the transformer again. Ensure that the input table is not being concurrently updated by another process.

DWC14750E Subtotal Grouping column same as Date column.

Explanation: One of the Subtotal Grouping columns selected is the same as the Date column.

User Response: Change the Grouping columns so that the Date column is not included.

DWC14751E Subtotal Data column same as Date column.

Explanation: A Subtotal Data column is the same as the Date column.

User Response: Change the Data columns so that the Date column is not included.

DWC14752E Subtotal Data column same as Grouping column.

Explanation: A Subtotal Data column is the same as a Grouping column.

User Response: Change the Data columns so that the Grouping columns are not included.

DWC14753E Subtotal Period is invalid.

Explanation: The Subtotal Period requested is invalid. Five Period types are supported:

- Week
- Semi-Month
- Month
- Quarter
- Year

User Response: Change the Subtotal Period type to one of the five supported types.

Chapter 9. FLG Messages

The following is a list of messages issued by the Information Catalog Manager. A brief explanation of the status is provided along with recommended user action and response to errors.

Information Catalog Manager Reason Codes

Reason code 0   FLG_OK

Explanation: Completed successfully.

Possible Extended Codes: None

Reason code 1   FLG_WRN

Explanation: Place holder; indicates the beginning of the numeric range for warnings.

Possible Extended Codes: None

**Reason code 201
               FLG_WRN_DISCONNECTED**

Explanation: The database has been disconnected.

Possible Extended Codes: None

**Reason code 202
               FLG_WRN_DBM_ALREADY_
               STARTED**

Explanation: The database manager was already started before the information catalog initialization.

Possible Extended Codes: None

Reason code 203   FLG_WRN_DB_RESTART

Explanation: The database manager needed to be restarted before the information catalog initialization.

Possible Extended Codes: None

Reason code 204   FLG_WRN_DB_ACTIVE

Explanation: The specified database manager was already active before the information catalog initialization.

Possible Extended Codes: None

**Reason code 1001
               FLG_WRN_INST_NOTFOUND**

Explanation: Unable to find the object instance (also used by FLGListOrphans, FLGFoundIn, FLGListAssociates, and FLGExport).

Possible Extended Codes: None

**Reason code 1002   FLG_WRN_CONTAINER_
               NOTFOUND**

Explanation: Unable to find a container for the specified object instance.

Possible Extended Codes: None

**Reason code 1003   FLG_WRN_CONTAINEE_
               NOTFOUND**

Explanation: Unable to find any objects contained by the specified object instance.

Possible Extended Codes: None

**Reason code 1004   FLG_WRN_CONTACT_
               NOTFOUND**

Explanation: Unable to find a contact for the specified object instance.

Possible Extended Codes: None

**Reason code 1005 FLG_WRN_PROGRAM_
NOTFOUND**

Explanation: Unable to find a program
associated with this object type.

Possible Extended Codes: None

**Reason code 1006 FLG_WRN_ANCHOR_
NOTFOUND**

Explanation: Unable to find any anchors
(subjects) defined in the information catalog.

Possible Extended Codes: None

**Reason code 1007 FLG_WRN_PROGRAM_
CHANGED**

Explanation: One or more associated program
instances were changed when the object type
was deleted.

Possible Extended Codes: None

**Reason code 1008
FLG_WRN_NO_INPARM_ICON_
FILE**

Explanation: FLGGetReg API call did not
specify a pointer to receive the name of the
retrieved icon file. The Information Catalog
Manager did not return an icon.

Possible Extended Codes: None

Reason code 1009 FLG_WRN_NO_ICON

Explanation: No icon associated with the object
type.

Possible Extended Codes: None

**Reason code 1010
FLG_WRN_ID_LIMIT_REACHED**

Explanation: Reached the maximum number of
object types limit.

Possible Extended Codes: None

**Reason code 1011 FLG_WRN_OBJECT_NOT_
CHANGED**

Explanation: Reserved

Possible Extended Codes: None

**Reason code 1012 FLG_WRN_EXCEED_MAX_
ANCHORNUM**

Explanation: Unable to return all anchors
(subjects) defined in the information catalog.

Possible Extended Codes: Actual number of
anchors

**Reason code 1013
FLG_WRN_ICON_REPLACED**

Explanation: An icon file already existed in the
specified ICOPATH. The icon file was replaced.

Possible Extended Codes: None

Reason code 1014 FLG_WRN_PROPDUP

Explanation: The property to be appended
already exists.

Possible Extended Codes: None

**Reason code 1015 FLG_WRN_EXCEED_MAX_
ORPHANNUM**

Explanation: Exceeded the maximum number
of orphans.

Possible Extended Codes: Actual number of
orphans

**Reason code 1016
FLG_WRN_DB_ICON_REPLACED**

Explanation: The object type icon has been
replaced in the information catalog.

Possible Extended Codes: None

**Reason code 1017   FLG_WRN_LINKOBJ_
              NOTFOUND**

Explanation: Unable to find a linked object for the specified object instance.

Possible Extended Codes: None

**Reason code 1018   FLG_WRN_ATTACHOBJ_
              NOTFOUND**

Explanation: Unable to find attachment objects for the specified object instance.

Possible Extended Codes: None

**Reason code 1019
              FLG_WRN_MISSING_PROPS_
              IN_IOSTRUCT**

Explanation: The input structure contains fewer properties than that defined for the object type. All missing properties are optional. Object instance is created or updated.

Possible Extended Codes: None

**Reason code 2002
              FLG_WRN_NO_DISKCNTL_
              TAG_PRESENTED**

Explanation: DISKCNTL is not the first tag in the input tag language file on a removable device. Importing continues, but only the tag language file on the current diskette is processed.

Possible Extended Codes: None

**Reason code 2003   FLG_WRN_NEED_NEW_
              TAGFILE_DISKETTE**

Explanation: Insert the next diskette to continue importing the tag language file.

Possible Extended Codes: None

**Reason code 2004
              FLG_WRN_ICONFILE_OPENERR**

Explanation: Reserved

Possible Extended Codes: None

**Reason code 2005
              FLG_WRN_NOTHING_TO_
              IMPORT**

Explanation: Unable to find any data to import in the tag language file or in the part of the tag language file after the last checkpoint. The file or part of the file may be empty or contain only COMMENT or DISKCNTL tags.

Possible Extended Codes: None

**Reason code 2006   FLG_WRN_ICONFILE_
              RETRIEVE_ERROR**

Explanation: API FLGCreateReg or FLGUpdateReg encountered an error while retrieving (opening, reading, or closing) the icon file specified in parameter pszIconFileID. The reason code returned in the extended code indicates the error. FLGCreateReg and FLGUpdateReg have completed all other registration processing successfully.

Possible Extended Codes: Reason code

**Reason code 2007   FLG_WRN_P_HANDLES_
              CLEARED**

Explanation: FLGImport cleared the HANDLES property value for a program instance, because this value refers to an object type that does not exist in the target information catalog.

Possible Extended Codes: None

**Reason code 2501
              FLG_WRN_CFLAG_IGNORED**

Explanation: CONTAINEE-IND value for the exported object was ignored because the object does not belong to the Grouping category.

Possible Extended Codes: None

**Reason code 2502
              FLG_WRN_TFLAG_IGNORED**

Explanation: CONTACT-IND value for the exported object was ignored because the object does not belong to the Grouping or Elemental category.

Possible Extended Codes: None

Reason code 2503   FLG_WRN_NO_ICOPATH

Explanation: No icon path was specified; no icons were exported.

Possible Extended Codes: None

**Reason code 2504
           FLG_WRN_GETREG_WARNING**

Explanation: Export encountered a warning from FLGGetReg. The extended code contains the reason code returned by FLGGetReg.

Possible Extended Codes: Reason code

**Reason code 2505
           FLG_WRN_GETINST_WARNING**

Explanation: Export encountered a warning from FLGGetInst. The extended code contains the reason code returned by FLGGetInst.

Possible Extended Codes: Reason code

**Reason code 2506
           FLG_WRN_LISTCONTACTS_
           WARNING**

Explanation: Export encountered a warning from FLGListContacts. The extended code contains the reason code returned by FLGListContacts.

Possible Extended Codes: Reason code

**Reason code 2507   FLG_WRN_NAVIGATE_
           WARNING**

Explanation: Export encountered a warning from FLGNavigate. The extended code contains the reason code returned by FLGNavigate.

Possible Extended Codes: Reason code

**Reason code 2508
           FLG_WRN_AFLAG_IGNORED**

Explanation: ATTACHMENT-IND value for the exported object was ignored because the object is

in the Attachment category and cannot have associated attachment objects.

Possible Extended Codes: None

**Reason code 2509
           FLG_WRN_LFLAG_IGNORED**

Explanation: LINK-IND value for the exported object was ignored because the object does not belong to the Grouping or Elemental categories.

Possible Extended Codes: None

Reason code 2601   FLG_WRN_NO_HISTORY

Explanation: There is no history entry in the history buffer.

Possible Extended Codes: None

**Reason code 2602
           FLG_WRN_NO_TYPE_RELATE_
           TO_PROGRAM**

Explanation: There is no object type related to the program instance.

Possible Extended Codes: None

**Reason code 7500   FLG_WRN_VIEW_NOT_
           SUPPORTED**

Explanation: View ″T″ is specified in the Tool profile, but this function is not supported by the Information Catalog Manager.

Possible Extended Codes: None

**Reason code 7501   FLG_WRN_LEVEL_NOT_
           SUPPORTED**

Explanation: Level ″T″ is specified in the Tool profile, but this function is not supported by the Information Catalog Manager.

Possible Extended Codes: None

**Reason code 7505   FLG_WRN_NO_BEGIN_
DEFINITION_SECTION**

Explanation: The BEGIN DEFINITION section
is missing from the tag language file.

Possible Extended Codes: None

**Reason code 7510
FLG_WRN_VALUE_TRUNCATED**

Explanation: A value is truncated because it
exceeded the maximum allowable length.

Possible Extended Codes: None

**Reason code 7515
FLG_WRN_INV_TIMESTAMP_
FORMAT**

Explanation: A date or time value does not
follow the correct format.

Format for date values: YYYY-MM-DD.

Format for time values: HH.MM.SS

Format for refresh date values:
YYYY-MM-DD-HH.MM.SS.

Possible Extended Codes: None

Reason code 30000   FLG_ERR

Explanation: Place holder; indicates the
beginning of the numeric range for errors.

Possible Extended Codes: None

**Reason code 30001
FLG_ERR_INVALID_NUM_STR**

Explanation: The numeric string passed to the
information catalog as input is invalid.

Possible Extended Codes: None

**Reason code 30002
FLG_ERR_INVALID_NUMBER**

Explanation: The integer value passed to the
information catalog as input is too large.

Possible Extended Codes: None

**Reason code 30003
FLG_ERR_BUFF_TOO_SMALL**

Explanation: Information Catalog Manager
internal error.

Possible Extended Codes: None

**Reason code 30004
FLG_ERR_MSGFILE_NOTFOUND**

Explanation: Unable to locate the Information
Catalog Manager message file (DG*xy*MSG.MSG
or DG*xy*STR.MSG, where *x* is the platform
identifier and *y* is the national language version
identifier).

This file must be in the Information Catalog
Manager working directory.

Possible Extended Codes: None

**Reason code 30005
FLG_ERR_MSGID_NOTFOUND**

Explanation: The message identifier could not
be located in the message file.

Possible Extended Codes: None

**Reason code 30006
FLG_ERR_CANT_ACCESS_
MSGFILE**

Explanation: Unable to open the Information
Catalog Manager message file.

Possible Extended Codes: None

**Reason code 30007
FLG_ERR_INVALID_MSGFILE_
FORMAT**

Explanation: The message file (DG*xy*MSG.MSG
or DG*xy*STR.MSG, where *x* is the platform
identifier and *y* is the national language version
identifier) is corrupted or invalid.

Reinstall the affected file.

Possible Extended Codes: None

**Reason code 30008
FLG_ERR_MSGFILE_ERROR**

Explanation: Information Catalog Manager internal error.

Possible Extended Codes: None

Reason code 30009   FLG_ERR_TRACE_FAIL

Explanation: An error occurred in the Information Catalog Manager trace function. The trace file may be corrupted or incomplete.

Possible Extended Codes: None

**Reason code 30010
FLG_ERR_INTERNAL_ERROR**

Explanation: Information Catalog Manager encountered an internal error.

Check the reason code returned in the extended code and try to remedy the problem; if this is unsuccessful, call IBM Software Support.

Possible Extended Codes: None; Reason code

**Reason code 30011   FLG_ERR_RESDLL_NOT_
LOADED**

Explanation: Language DLL file is not found.

Possible Extended Codes: None

**Reason code 30012
FLG_ERR_DGPATH_NOT_
FOUND**

Explanation: Environment path (DG2PATH) was not set in the CONFIG.SYS file.

Environment path (DGWPATH) was not set in either the system registry or the AUTOEXEC.BAT file.

Possible Extended Codes: None

**Reason code 30013
FLG_ERR_CP_LOAD_FAILED**

Explanation: The primary and secondary code pages specified in your CONFIG.SYS file are not

supported by the Information Catalog Manager.

Possible Extended Codes: None

**Reason code 30014
FLG_ERR_DBSEM_ERROR**

Explanation: Information Catalog Manager internal error (can't get database semaphore).

Possible Extended Codes: None

**Reason code 30015
FLG_ERR_STRINGFILE_ERROR**

Explanation: Reserved

Possible Extended Codes: None

**Reason code 30016
FLG_ERR_MSG_TOO_LONG**

Explanation: Information Catalog Manager internal error.

Possible Extended Codes: None

Reason code 30017   FLG_ERR_DG_DB_INUSE

Explanation: User tried to log on to the same information catalog twice.

Possible Extended Codes: None

**Reason code 30018
FLG_ERR_DGLANG_PATH_NOT_
FOUND**

Explanation: Information Catalog Manager language-dependent directory path cannot be found.

Possible Extended Codes: None

Reason code 30019   FLG_ERR_INV_DG_CP

Explanation: The code pages specified on the workstation are not supported by the Information Catalog Manager.

Possible Extended Codes: None

Reason code 30020   FLG_ERR_INV_DB_CP

Explanation: The code pages specified on the workstation are not supported by the database.

Possible Extended Codes: None

Reason code 30021 FLG_ERR_VWSPATH_NOT_ FOUND

Explanation: Environment path (VWSPATH) was not set in either the system registry or the AUTOEXEC.BAT file.

Possible Extended Codes: None

Reason code 31000   FLG_ERR_DBERROR

Explanation: An unexpected database error has occurred. See the database documentation for an explanation of the SQLCODE.

Possible Extended Codes: Database SQLCODE

Reason code 31001   FLG_ERR_DBDISC_FAIL

Explanation: Error occurred while disconnecting from the database.

Possible Extended Codes: None

Reason code 31002   FLG_ERR_NODBACCESS

Explanation: You cannot access the specified database.

Ask the administrator or database administrator for the database authorization you need.

Possible Extended Codes: None

Reason code 31003 FLG_ERR_ID_LIMIT_EXCEEDED

Explanation: The system-generated ID (object type ID or instance ID) exceeds the maximum number of IDs allowed in the database.

This limit is 99999999 for object instance IDs, and 999999 for object type IDs.

Possible Extended Codes: None

Reason code 31004   FLG_ERR_PROP_LIMIT_ EXCEEDED

Explanation: Exceeded the maximum number of properties (255) allowed for an object type.

Possible Extended Codes: None

Reason code 31005 FLG_ERR_LONG_VARCHAR_ LIMIT_EXCEEDED

Explanation: Exceeded the maximum number of LONG VARCHAR properties (14) allowed for an object type.

Possible Extended Codes: None; Sequence number of property

Reason code 31006 FLG_ERR_PTNAME_EXCEEDS_ ENVSIZE

Explanation: The physical type name for the object type exceeds the maximum length allowed. This maximum length depends on the underlying database you are using.

Possible Extended Codes: None

Reason code 31007 FLG_ERR_DBNAME_NOT_ FOUND

Explanation: Unable to find the database. If the database is local, the database name was not found. If the database is remote, the database name was not defined in the local database directory.

Possible Extended Codes: None

Reason code 31008 FLG_ERR_SRH_CRITERIA_ TOOLONG

Explanation: The total length of the search criteria is too long. The maximum length for the sum of the lengths for all specified search criteria is about 32 700 bytes, depending on the number of properties in the search criteria.

Possible Extended Codes: None

Reason code 31009 FLG_ERR_DB_TRANSLOG_FULL

Explanation: The database transaction log is full.

Issue FLGCommit or FLGRollback immediately. Increase the database log file size to increase the number of changes possible before you need to commit the changes.

Possible Extended Codes: None

Reason code 31010 FLG_ERR_INVALID_ AUTHENTICATION

Explanation: The database was cataloged with an incorrect authentication option.

Possible Extended Codes: None

Reason code 31011 FLG_ERR_CHARCONV_ WINTODBM

Explanation: An error occurred while converting a character from the Windows code page to the database code page.

Possible Extended Codes: None

Reason code 31012 FLG_ERR_DB_TIMEOUT

Explanation: Database server is busy or locked.

Possible Extended Codes: None

Reason code 31013 FLG_ERR_NOT_SUPPORTED_ BY_DB

Explanation: This function is not supported by the database server.

Possible Extended Codes: None

Reason code 31014 FLG_ERR_DB_ICON_EXIST

Explanation: FLGManageIcons was called with the InOptions parameter set to

FLG_ACTION_CREATE, but the icon specified in pszIconFileID already exists in the database.

Specify a different icon file, or use FLG_ACTION_UPDATE.

Possible Extended Codes: None

Reason code 32000 FLG_ERR_REG_NOTEXIST

Explanation: No registration information exists for the specified object type.

Possible Extended Codes: None

Reason code 32001 FLG_ERR_TYPEID_NOTEXIST

Explanation: No registration information exists for the specified object type.

Possible Extended Codes: None

Reason code 32002 FLG_ERR_SRCTYPEID_ NOTEXIST

Explanation: The specified source object type does not exist.

Possible Extended Codes: None

Reason code 32003 FLG_ERR_TRGTYPEID_ NOTEXIST

Explanation: The specified target object type does not exist.

Possible Extended Codes: None

Reason code 32004 FLG_ERR_INSTID_NOTEXIST

Explanation: The specified object ID (FLGID) does not exist.

Possible Extended Codes: None

Reason code 32005 FLG_ERR_SRCINSTID_ NOTEXIST

Explanation: The specified source object ID (FLGID) does not exist.

Possible Extended Codes: None

**Reason code 32006 FLG_ERR_TRGINSTID_
                NOTEXIST**

Explanation: The specified target object ID
(FLGID) does not exist.

Possible Extended Codes: None

**Reason code 32007
                FLG_ERR_PROP_NOTEXIST**

Explanation: Unable to start the specified
program. The property specified in the program
object parameter list is not defined for the object
instance.

Possible Extended Codes: None

**Reason code 32008
                FLG_ERR_REL_NOTEXIST**

Explanation: Unable to delete the relationship
because it does not exist.

Possible Extended Codes: None

**Reason code 32009
                FLG_ERR_TYPE_NOT_CREATED**

Explanation: The specified object type has been
registered but not created.

Possible Extended Codes: None

**Reason code 32010
                FLG_ERR_SRCTYPE_NOT_
                CREATED**

Explanation: The object type specified in the
FLGID of the source object instance has been
registered but not created.

Possible Extended Codes: None

**Reason code 32011
                FLG_ERR_TRGTYPE_NOT_
                CREATED**

Explanation: The object type specified in the
FLGID of the target object instance has been

registered but not created.

Possible Extended Codes: None

**Reason code 32012
                FLG_ERR_INV_P_CATEGORY**

Explanation: P (Program) is an invalid value for
the category when creating or deleting object
types. You cannot create or delete Program
category object types.

Possible Extended Codes: None

**Reason code 32013
                FLG_ERR_INV_P_HANDLE_CAT**

Explanation: The HANDLES property value of
the Program object instance is invalid.

The value must be the name of a
non-PROGRAM object type.

Possible Extended Codes: None

**Reason code 32014
                FLG_ERR_P_HANDLE_NOTEXIST**

Explanation: The HANDLES property value of
the Program object instance is invalid. The
specified object type does not exist.

Possible Extended Codes: None

**Reason code 32015
                FLG_ERR_P_HANDLE_NOT_
                CREATED**

Explanation: The HANDLES property value of
the Program object instance is invalid. The
specified object type has been registered, but not
created.

Possible Extended Codes: None

**Reason code 32016
                FLG_ERR_INV_A_CATEGORY**

Explanation: A (Attachment) is an invalid value
for the category when creating, deleting, or
appending to object types. You cannot create,

delete, or append to Attachment category object types.

Possible Extended Codes: None

Reason code 32300   FLG_ERR_REG_DUP

Explanation: Unable to register the object type. The specified object type has already been registered.

Possible Extended Codes: None

Reason code 32301   FLG_ERR_TYPE_DUP

Explanation: Unable to create an object type with the specified name. The specified object type name already exists in the database.

Possible Extended Codes: None

Reason code 32302   FLG_ERR_INST_DUP

Explanation: Unable to create the specified object instance. The database already contains an object instance with identical UUI property values.

Possible Extended Codes: None

Reason code 32303   FLG_ERR_REL_DUP

Explanation: Unable to create the specified object relationship. The relationship already exists.

Possible Extended Codes: None

Reason code 32304
                FLG_ERR_REL_RECURSIVE

Explanation: Unable to create the specified relationship. The specified relationship would cause a Grouping object to contain itself.

Possible Extended Codes: None

Reason code 32305   FLG_ERR_UUI_DUP

Explanation: The definition of this object type or object contains two or more properties with the same UUI sequence number.

Possible Extended Codes: Sequence number of property that duplicates the UUI sequence number

---

Reason code 32306
                **FLG_ERR_INVALID_LINK_
                RELATION**

Explanation: The specified LINK relationship is invalid, because the linker and linkee are the same.

Possible Extended Codes: None

**Reason code 32307   FLG_ERR_INVALID_
                ATTACHMENT_RELATION**

Explanation: The attachment relationship is rejected because the target object is already related to some non-attachment source object. Attachment category objects can be associated to only one non-attachment category source object.

Possible Extended Codes: None

Reason code 32308
                **FLG_ERR_ICONFILE_RETRIEVE_
                ERROR**

Explanation: API FLGManageIcons encountered an error while retrieving (opening, reading, or closing) the icon file specified in parameter pszIconFileID. This applies to input options FLG_ACTION_CREATE or FLG_ACTION_UPDATE only. The reason code returned in the extended code indicates the error. Processing is unsuccessful.

Possible Extended Codes: Reason code

Reason code 32400
                FLG_ERR_CONTAINEE_EXIST

Explanation: Unable to delete this object instance because this Grouping object instance contains one or more object instances. You cannot delete this object instance until you delete either the relationships or the contained objects.

Possible Extended Codes: None

Reason code 32401   FLG_ERR_INST_EXIST

Explanation: Unable to delete the specified object type because instances of the object type exist. You cannot delete this object type until you delete all its instances.

Possible Extended Codes: None

Reason code 32402   FLG_ERR_TYPE_EXIST

Explanation: Unable to delete the object type registration because its object type exists. You cannot delete this object type registration until the object type is deleted.

Possible Extended Codes: None

Reason code 32403   FLG_ERR_CONTAINEE_DIFFTYPE

Explanation: FLGDeleteTypeExt API stopped, because it found a containee belonging to a different object type.

Possible Extended Codes: None

Reason code 32500 FLG_ERR_INVALID_SRCCAT

Explanation: Unable to create the specified relationship. The category for the source object type is invalid.

Possible Extended Codes: None

Reason code 32501 FLG_ERR_INVALID_TRGCAT

Explanation: Unable to create the specified relationship. The category for the target object type is invalid.

Possible Extended Codes: None

Reason code 32502   FLG_ERR_INVALID_CAT

Explanation: The category of the input object type is incorrect.

Refer to the specific documentation for the API you called for the required input object type.

Possible Extended Codes: None

Reason code 32600   FLG_ERR_KAEXIST

Explanation: Unable to log on as an administrator. Another administrator is already logged on. The Information Catalog Manager allows only one administrator to log on at a time.

Possible Extended Codes: None

Reason code 32601   FLG_ERR_NOTAUTH

Explanation: The current user ID is not authorized to use this Information Catalog Manager function.

Possible Extended Codes: None

Reason code 32602 FLG_ERR_NOT_INITIALIZED

Explanation: The information catalog is not initialized.

FLGInit must be issued before the Information Catalog Manager can perform any other functions.

Possible Extended Codes: None

Reason code 32603   FLG_ERR_ALREADY_INITIALIZED

Explanation: The information catalog has already been initialized. You cannot issue a second FLGInit call before issuing an FLGTerm call.

Possible Extended Codes: None

Reason code 32604 FLG_ERR_NOT_CREATOR

Explanation: You do not have the authority to update Comments objects you did not create.

Possible Extended Codes: None

Reason code 32700
                FLG_ERR_INVALID_TYPEID

Explanation: The specified object type ID (OBJTYPID) is invalid.

Possible Extended Codes: None

Reason code 32701
                FLG_ERR_INVALID_TYPEID_LEN

Explanation: The specified object type ID (OBJTYPID) is invalid. This value must be 6 bytes long.

Possible Extended Codes: None

Reason code 32702
                FLG_ERR_INVALID_TYPEID_VAL

Explanation: The value of the specified object type ID (OBJTYPID) is invalid.

Possible Extended Codes: None

Reason code 32703
                FLG_ERR_INVALID_FLGID

Explanation: The specified object ID (FLGID) is invalid.

Possible Extended Codes: Number of exported objects or position of parameter

---

Reason code 32704
                FLG_ERR_INVALID_FLGID_LEN

Explanation: The object ID (FLGID) is invalid. This value must be 16 bytes long.

Possible Extended Codes: None

Reason code 32705
                FLG_ERR_INVALID_FLGID_VAL

Explanation: The object ID (FLGID) contains invalid characters.

Possible Extended Codes: None

Reason code 32706
                FLG_ERR_INVALID_TYPNM

Explanation: The object type name is invalid.

Possible Extended Codes: None

Reason code 32707
                FLG_ERR_INVALID_INSTNM

Explanation: The object instance name is invalid.

Possible Extended Codes: None

Reason code 32708
                FLG_ERR_INVALID_TIMESTAMP

Explanation: The input value is invalid. The input value must be a time stamp of the form YYYY-MM-DD-HH.MM.SS.NNNNNN and 26 bytes long.

Possible Extended Codes: Sequence number of property

Reason code 32709
                FLG_ERR_INVALID_SRCID

Explanation: The source object ID (FLGID) is invalid.

Possible Extended Codes: None

Reason code 32710
                FLG_ERR_INVALID_TRGID

Explanation: The target object ID (FLGID) is invalid.

Possible Extended Codes: None

Reason code 32711
                FLG_ERR_INVALID_RELTYPE

Explanation: The specified relation type (RelType) is invalid. Valid values are C, T, A, and L.

Possible Extended Codes: None

Reason code 32712
FLG_ERR_INVALID_RELOPT

Explanation: The specified relation option (RelOpt) is invalid. Valid values are C and D.

Possible Extended Codes: None

Reason code 32713
FLG_ERR_INVALID_PGM_FLGID

Explanation: The specified object ID (FLGID) for the program object is invalid.

Possible Extended Codes: None

Reason code 32714
FLG_ERR_INVALID_OBJ_FLGID

Explanation: The specified object ID (FLGID) for the object providing parameters for the FLGOpen call is invalid.

Possible Extended Codes: None

Reason code 32718
FLG_ERR_INVALID_USERID

Explanation: The user ID value is invalid. The length must be 1-8 characters.

User ID or password is invalid (password is case sensitive on AIX).

User is not logged on to the remote node (DB2 for OS/2 V2.1).

Possible Extended Codes: None

Reason code 32719
FLG_ERR_INVALID_PASSWORD

Explanation: The specified password is invalid. The length must be 1-8 characters.

Possible Extended Codes: None

Reason code 32720
FLG_ERR_INVALID_DBNAME

Explanation: The specified database name is invalid. The length must be 1-8 characters.

Possible Extended Codes: None

Reason code 32721
FLG_ERR_INVALID_ADMINOPT

Explanation: The specified user option (admin) is invalid. Valid values are Y and N.

Possible Extended Codes: None

Reason code 32722
FLG_ERR_INVALID_TRACEOPT

Explanation: The trace option (TraceOpt) is invalid. Valid options are: 0, 1, 2, 3, and 4.

Possible Extended Codes: None

Reason code 32723
FLG_ERR_NULL_PARAMETER

Explanation: A parameter required as input to this API call is missing or null. The extended code indicates the position of the null parameter.

Possible Extended Codes: Position of parameter

Reason code 32724
FLG_ERR_NULL_EXTCODE

Explanation: The extended code pointer parameter (pExtCode) is null.

Possible Extended Codes: None

Reason code 32725   FLG_ERR_INVALID_ CONVERTOPT

Explanation: The specified input option (Options) was invalid. Valid values are D, and F.

Possible Extended Codes: None

Reason code 32726
FLG_ERR_INVALID_ICONOPT

Explanation: The specified input options (Options) are not valid for FLGManageIcons.

Possible Extended Codes: None

**Reason code 32727
FLG_ERR_INVALID_TAGBUFOPT**

Explanation: The InOptions specified for FLGManageTagBuf API is not valid. Use FLG_TAGBUF_QUERY or FLG_TAGBUF_RESET as defined in the DGxAPI.H file.

Possible Extended Codes: None

**Reason code 32728
FLG_ERR_INVALID_TAGFILEOPT**

Explanation: The Options parameter specified for FLGXferTagBuf API is not valid. Use FLG_TAGOPT_NEW or FLG_TAGOPT_REPLACE as defined in the DGxAPI.H file.

Possible Extended Codes: None

**Reason code 32729   FLG_ERR_INV_DGFLAG_
ACTION**

Explanation: The Action parameter specified for FLGManageFlags is not valid. Use FLG_ACTION_GET or FLG_ACTION_UPDATE as defined in DGxAPI.H file.

Possible Extended Codes: None

**Reason code 32730   FLG_ERR_INV_DGFLAG_
FLAGTYPE**

Explanation: The FlagType parameter specified for the FLGManageFlags API is not valid. Use FLG_HISTORY_TYPE_DELETE as defined in the DGxAPI.H file.

Possible Extended Codes: None

**Reason code 32731
FLG_ERR_INV_DGFLAG_VALUE**

Explanation: The chValue parameter specified for FLGManageFlags is not valid. Valid values are FLG_YES and FLG_NO.

Possible Extended Codes: None

**Reason code 32732
FLG_ERR_INV_STATUS_ACTION**

Explanation: The Action parameter specified for the FLGManageCommentStatus API is not valid. Use FLG_ACTION_UPDATE or FLG_ACTION_GET as defined in the DGxAPI.H file.

Possible Extended Codes: None

**Reason code 32733
FLG_ERR_INV_STATUS_LEN**

Explanation: The input structure object area contains a status field that is longer than 80 characters.

Possible Extended Codes: Sequence number of property

**Reason code 32734
FLG_ERR_INVALID_TREEOPT**

Explanation: The Options parameter specified for FLGDeleteTree API is not valid. Use FLG_DELTREE_REL or FLG_DELTREE_ALL as defined in the DGxAPI.H file.

Possible Extended Codes: None

**Reason code 32735
FLG_ERR_INVALID_ASSOCOPT**

Explanation: The Options parameter specified for FLGListAssociates API is not valid. Use FLG_LIST_PROGRAM, FLG_LIST_ATTACHMENT, FLG_LIST_COMMENTS, FLG_LIST_CONTAIN, FLG_LIST_CONTACT, or FLG_LIST_LINK as defined in the DGxAPI.H file.

Possible Extended Codes: None

**Reason code 32736   FLG_ERR_INVALID_
ORPHANOPT**

Explanation: The Options parameter specified for the FLGListOrphans API is not valid. Use FLG_LIST_PROGRAM, FLG_LIST_CONTACT, FLG_LIST_ATTACHMENT, or

FLG_LIST_COMMENTS as defined in the
DGxAPI.H file.

Possible Extended Codes: None

**Reason code 32737   FLG_ERR_INVALID_
                FOUNDINOPT**

Explanation: The Options parameter specified
in the FLGFoundIn API is not valid. Use
FLG_LIST_PROGRAM, FLG_LIST_CONTAIN,
FLG_LIST_CONTACT, or
FLG_LIST_ATTACHMENT as defined in the
DGxAPI.H file.

Possible Extended Codes: None

**Reason code 33000
                FLG_ERR_ICON_NOTEXIST**

Explanation: The specified icon file does not
exist.

Possible Extended Codes: None

**Reason code 34000
                FLG_ERR_INVALID_IOSTRUCT**

Explanation: The input structure is invalid.
Either the definition area length or object area
length does not match the length of the area it
describes.

Possible Extended Codes: None

**Reason code 34001
                FLG_ERR_NO_DEFN_AREA**

Explanation: The definition area is missing in
the input structure.

Possible Extended Codes: None

Reason code 34002   FLG_ERR_NO_OBJ_AREA

Explanation: The object area is missing in the
input structure.

Possible Extended Codes: None

**Reason code 34003
                FLG_ERR_INVALID_POSITION**

Explanation: Information Catalog Manager
internal error.

Possible Extended Codes: None

**Reason code 34004   FLG_ERR_IOSTRUCT_
                CONVERSION**

Explanation: An Information Catalog Manager
internal error occurred while reading the input
structure or writing the output structure.

Possible Extended Codes: None

**Reason code 34005
                FLG_ERR_INVALID_IOSTRUCT_
                NULL**

Explanation: The input structure contains a null
character.

Possible Extended Codes: Byte offset

**Reason code 34006
                FLG_ERR_OBJLEN_OBJCNT_
                MISMATCH**

Explanation: Either the object area entry count
or the object area length is zero.

If one of the values is greater than zero, the other
value cannot be zero.

Possible Extended Codes: None

**Reason code 34200
                FLG_ERR_INV_HEADER_IDENT**

Explanation: The identifier in the input
structure header area is invalid.

The identifier must be FLG-HEAD.

Possible Extended Codes: None

**Reason code 34201   FLG_ERR_INV_HEADER_
                DEFLEN**

Explanation: The definition length in the input
structure header area is not valid.

The definition length must be greater than 0 and a multiple of 160. Some API calls require a fixed definition length. See the syntax for the API call for the required definition length.

Possible Extended Codes: None

Reason code 34202 FLG_ERR_INV_HEADER_ DEFCNT

Explanation: The number of definitions expected based on the definition length in the header area is invalid for FLGExport.

The number of definitions must be five for FLGExport; therefore, the definition length must be 800.

Possible Extended Codes: None

Reason code 34203 FLG_ERR_INV_HEADER_ OBJLEN

Explanation: The object length in the input structure header area is not valid.

Possible Extended Codes: None

Reason code 34204 FLG_ERR_INV_HEADER_ OBJCNT

Explanation: The object area entry count in the input structure header area is not valid.

Possible Extended Codes: None

Reason code 34205 FLG_ERR_INV_HEADER_ CATEGORY

Explanation: Invalid category specified in header area.

For FLGCreateReg, the category value must be one of the following: G, E, C, D, or S.

For FLGCreateType, FLGCreateInst, FLGUpdateReg, FLGAppendType, and FLGUpdateInst, the category value must match the value for the related object type registration.

Possible Extended Codes: None

Reason code 34206 FLG_ERR_INV_HEADER_ OBJTYPEID

Explanation: The value of the object type ID in the header area is invalid.

This value must be identical to the object type ID generated for the related object type registration.

Possible Extended Codes: None

Reason code 34207 FLG_ERR_CONFLICTING_ HEADER_FIELDS

Explanation: The number of properties derived from the definition length conflicts with the object area entry count in the header area.

The number of properties equals the definition area length divided by 160, and the object area entry count must be evenly divisible by the number of properties.

Possible Extended Codes: None

Reason code 34208 FLG_ERR_CONFLICTING_ OBJTYPID

Explanation: The value specified for the object type identifier (OBJTYPID) in the object area does not match the object type ID in the header area.

Possible Extended Codes: Sequence number of property

Reason code 34209 FLG_ERR_HEADER_DEFLEN_ EXCEEDS_MAX

Explanation: The definition length in the header area exceeds the maximum number of properties.

Possible Extended Codes: None

Reason code 34210 FLG_ERR_NONBLANK_ HEADER_CATEGORY

Explanation: The category value in the header area is invalid.

Possible Extended Codes: None

Reason code 34211   FLG_ERR_NONBLANK_
HEADER_OBJTYPEID

Explanation: The object type ID value in the header area is invalid.

Possible Extended Codes: None

Reason code 34222   FLG_ERR_NONBLANK_
HEADER_RESERVED

Explanation: The reserved area of the input structure header area must always be blank.

Possible Extended Codes: None

Reason code 34500
FLG_ERR_INV_PROPERTY_
NAME

Explanation: The specified property name is not one of the property names required with this API call.

Possible Extended Codes: None; Sequence number of property

Reason code 34501
FLG_ERR_INV_PROPERTY_
PPNAME

Explanation: The property short name for a property in the definition area is invalid. The value may be missing, using DBCS characters, or not using the value required by the API call.

Possible Extended Codes: None; Sequence number of property

Reason code 34502
FLG_ERR_INV_PROPERTY_
DATATYPE

Explanation: The data type for a property in the definition area is invalid.

Valid values are CHAR, TIMESTAMP, VARCHAR, or LONG VARCHAR, depending on the API call.

Possible Extended Codes: None; Sequence number of property

Reason code 34503
FLG_ERR_INV_PROPERTY_V_
FLAG

Explanation: The value flag for the indicated property in the definition area is invalid.

Valid values are R, O, and S.

Possible Extended Codes: Sequence number of property

Reason code 34504
FLG_ERR_INV_PROPERTY_
SVALUE_V_FLAG

Explanation: The value flag for the indicated property in the definition area is invalid. The specified value flag is S, but the Information Catalog Manager does not generate the property indicated by the property short name.

Possible Extended Codes: Sequence number of property

Reason code 34505
FLG_ERR_INV_PROPERTY_CS_
FLAG

Explanation: The case-sensitivity flag value for the indicated property in the definition area is invalid.

Valid values are Y or N.

Possible Extended Codes: None; Sequence number of property

Reason code 34506
FLG_ERR_INV_PROPERTY_FS_
FLAG

Explanation: The fuzzy search flag value for the indicated property in the definition area is invalid.

Valid values are Y or N.

Possible Extended Codes: Sequence number of property

Reason code 34507
**FLG_ERR_INV_PROPERTY_
UUISEQ**

Explanation: The UUI sequence for the indicated property in the definition area is invalid.

Valid values are 1, 2, 3, 4, 5, and blank.

Possible Extended Codes: Sequence number of property

Reason code 34508
**FLG_ERR_INV_PROPERTY_LEN_
FOR_DTYPE**

Explanation: The length value is invalid for the indicated property in the definition area because of the defined data type.

Possible Extended Codes: None; Sequence number of property

Reason code 34509
**FLG_ERR_INV_PROP_LEN_
FIELD**

Explanation: The length for the indicated property in the definition area is invalid.

Check the API call syntax for the required length.

Possible Extended Codes: Sequence number of property

Reason code 34510
FLG_ERR_INV_PROP_VAL_LEN

Explanation: The length field for a VARCHAR or LONG VARCHAR property value in the object area is invalid; it must contain right-aligned numeric characters.

Possible Extended Codes: None

Reason code 34511
FLG_ERR_INV_RQDPROP_SPEC

Explanation: In a property definition in the definition area, one or more fields required to define a required property are invalid.

For a required property, the following fields must be specified as shown in the input structure diagrams for the API call:

- Property name (bytes 0-79)
- Data type (bytes 80-109)
- Length (bytes 110-117)
- Property short name (bytes 118-125)
- Value flag (byte 126)
- UUI sequence number (byte 127)

Possible Extended Codes: Sequence number of property

Reason code 34512
**FLG_ERR_DUP_PROPERTY_
NAME**

Explanation: Another property in the input structure already has this property name. Each property name must be unique in the input structure.

Possible Extended Codes: Sequence number of property

Reason code 34513
**FLG_ERR_DUP_PROPERTY_
PPNAME**

Explanation: The property short name for the indicated property is identical to the property short name of another property in this input structure. Each property short name must be unique in the input structure.

Possible Extended Codes: Sequence number of property

Reason code 34514
FLG_ERR_INV_TOT_UUI_LEN

Explanation: Reserved

Possible Extended Codes: None

Reason code 34515
FLG_ERR_INV_UUI_LENGTH

Explanation: The indicated UUI property length value in the definition area exceeds the

maximum length for a UUI property.

Possible Extended Codes: UUI sequence number

Reason code 34516
FLG_ERR_MISSING_PROPERTY

Explanation: The definition area for the object instance does not contain all the properties defined for the object type.

Possible Extended Codes: None

Reason code 34517
FLG_ERR_MISSING_PROPERTY_
NAME

Explanation: The property name is required but missing for the indicated property in the definition area.

Possible Extended Codes: Sequence number of property

Reason code 34518
FLG_ERR_MISSING_PROPERTY_
LENGTH

Explanation: The length value is required but missing for the indicated property in the definition area.

Possible Extended Codes: Sequence number of property

Reason code 34519
FLG_ERR_MISSING_PROPERTY_
PPNAME

Explanation: The property short name is required but missing for the indicated property in the definition area.

Possible Extended Codes: Sequence number of property

Reason code 34520
FLG_ERR_MISSING_REG_
DPNAME

Explanation: The DP NAME (DPNAME) property is required but missing in the input structure definition area.

Possible Extended Codes: None

Reason code 34521
FLG_ERR_MISSING_REG_
PTNAME

Explanation: The PHYSICAL TYPE NAME (PTNAME) property is required but missing in the input structure definition area.

Possible Extended Codes: None

Reason code 34522
FLG_ERR_MISSING_REG_
CREATOR

Explanation: The CREATOR property is required but missing in the input structure definition area.

Possible Extended Codes: None

Reason code 34523
FLG_ERR_MISSING_REG_
UPDATIME

Explanation: The LAST CHANGED DATE AND TIME (UPDATIME) property is required but missing in the input structure definition area.

Possible Extended Codes: None

Reason code 34524
FLG_ERR_MISSING_REG_
UPDATEBY

Explanation: The LAST CHANGED BY (UPDATEBY) property is required but missing in the input structure definition area.

Possible Extended Codes: None

Reason code 34525
          FLG_ERR_MISSING_REG_NAME

Explanation: The EXTERNAL NAME OF OBJ TYPE (NAME) property is required but missing in the input structure definition area.

Possible Extended Codes: None

Reason code 34526   FLG_ERR_MISSING_UUI_
          SEQUENCE

Explanation: The indicated UUI sequence number was specified in the definition area, although the preceding number was not.

UUI sequence numbers must not skip numbers in the sequence: 1, 2, and 3 is valid; 1, 3, and 5 is invalid.

Possible Extended Codes: None

Reason code 34527
          FLG_ERR_MISSING_RQD_
          INSTIDNT

Explanation: The Instance identifier (INSTIDNT) property is required but missing in the input structure definition area.

Possible Extended Codes: None

Reason code 34528
          FLG_ERR_MISSING_RQD_
          NAME

Explanation: The Name (NAME) property is required but missing in the input structure definition area.

Possible Extended Codes: None

Reason code 34529
          FLG_ERR_MISSING_RQD_
          OBJTYPID

Explanation: The Object type identifier (OBJTYPID) property is required but missing in the input structure definition area.

Possible Extended Codes: None

Reason code 34530
          FLG_ERR_MISSING_RQD_
          UPDATEBY

Explanation: The Last Changed By (UPDATEBY) property is required but missing in the input structure definition area.

Possible Extended Codes: None

Reason code 34531
          FLG_ERR_MISSING_RQD_
          UPDATIME

Explanation: The Last Changed Date and Time (UPDATIME) property is required but missing in the input structure definition area.

Possible Extended Codes: None

Reason code 34532   FLG_ERR_NOMATCH_
          PROPERTY_NAME

Explanation: The indicated input property in the definition area matches the property short name for an existing property, but the property names do not match.

Possible Extended Codes: Sequence number of property

Reason code 34533   FLG_ERR_NOMATCH_
          PROPERTY_SPEC

Explanation: The indicated property in the definition area matches the property name and property short name for an existing property; however, the data type, length, value flag, or UUI sequence values do not match.

Possible Extended Codes: Sequence number of property

Reason code 34534
          FLG_ERR_PROPERTY_NOTEXIST

Explanation: The property specified as part of the selection criteria does not exist.

Possible Extended Codes: Sequence number of property

**Reason code 34536   FLG_ERR_UNMATCH_
                        DEFINITION**

Explanation: One of the following occurred:

- The indicated property specified in the
  definition area for the object instance does not
  match any property defined for the object
  type.
- The object instance has more properties
  defined in the definition area than are defined
  for the object type.

Possible Extended Codes: None; Sequence
number of property

Reason code 34537   FLG_ERR_PROPDUP

Explanation: Duplicate property name or
property short name specified in the definition
area.

Possible Extended Codes: None

**Reason code 34538
            FLG_ERR_REG_PROPS_OUT_
            OF_SEQUENCE**

Explanation: The registration properties are not
specified in the correct sequence.

Possible Extended Codes: None

**Reason code 34539
            FLG_ERR_RQD_PROPS_OUT_
            OF_SEQUENCE**

Explanation: The required properties are not
specified in the correct sequence in the definition
area.

Possible Extended Codes: None

**Reason code 34540
            FLG_ERR_INV_V_FLAG_FOR_
            APPEND**

Explanation: The indicated appended property
has a value flag of S or R.

An appended property must have a value flag of
O (optional property).

Possible Extended Codes: Sequence number of
property

**Reason code 34541   FLG_ERR_INV_UUI_FOR_
                        APPEND**

Explanation: The indicated appended property
is specified as a UUI property. Appended
properties cannot be UUI properties.

Possible Extended Codes: Sequence number of
property

**Reason code 34542   FLG_ERR_NONBLANK_
                        PROPERTY_V_FLAG**

Explanation: The value flag for the indicated
property is not blank. The value flag is not used
by this API call and must be blank.

Possible Extended Codes: Sequence number of
property

**Reason code 34543   FLG_ERR_NONBLANK_
                        PROPERTY_CS_FLAG**

Explanation: The case-sensitivity flag for the
indicated property is not blank. The
case-sensitivity flag is not used by this API call
and must be blank.

Possible Extended Codes: Sequence number of
property

**Reason code 34544   FLG_ERR_NONBLANK_
                        PROPERTY_FS_FLAG**

Explanation: The fuzzy search flag for the
indicated property is not blank. The fuzzy search
flag is not used by this API call and must be
blank.

Possible Extended Codes: Sequence number of
property

**Reason code 34545   FLG_ERR_NONBLANK_
                        PROPERTY_UUISEQ**

Explanation: The UUI sequence position for the
indicated property is not blank.

The UUI sequence position is not used by this API and must be blank.

The data type is LONG VARCHAR and the UUI sequence position is not blank. A UUI property can be CHAR, VARCHAR, TIMESTAMP, but not LONG VARCHAR.

Possible Extended Codes: Sequence number of property

Reason code 34546   FLG_ERR_NONBLANK_ PROPERTY_RESERVED

Explanation: The reserved area of the input structure property specifications must always be blank.

Possible Extended Codes: Sequence number of property

Reason code 34547 FLG_ERR_UUI_V_FLAG_MUST_ BE_R

Explanation: The value flag for the indicated property is not valid because all UUI properties must have value flags of R (required).

Possible Extended Codes: Sequence number of property

Reason code 34548 FLG_ERR_AT_LEAST_ONE_UUI_ PROP_RQD

Explanation: None of the properties specified in the definition area is defined as a UUI property.

Every Information Catalog Manager object type must be defined with at least one UUI property.

Possible Extended Codes: None

Reason code 34550 FLG_ERR_DUP_REG_DPNAME

Explanation: The DP NAME (DPNAME) specified in the definition area duplicates the DP NAME value of an existing object type registration.

The DPNAME value must be unique across the database.

Possible Extended Codes: None

Reason code 34551 FLG_ERR_DUP_REG_PTNAME

Explanation: The PHYSICAL TYPE NAME (PTNAME) duplicates the name of an existing table in the database.

The PTNAME value must be unique across the database.

Possible Extended Codes: None

Reason code 34552 FLG_ERR_DUP_REG_NAME

Explanation: The specified EXTERNAL NAME OF OBJ TYPE (NAME) duplicates the NAME value of an existing object type registration.

The NAME must be unique across the database.

Possible Extended Codes: None

Reason code 34553   FLG_ERR_INV_DPNAME

Explanation: The syntax of the specified DPNAME value is invalid.

Possible Extended Codes: None

Reason code 34554 FLG_ERR_INV_DB_PTNAME

Explanation: The specified PTNAME value is not valid according to database syntax rules.

Possible Extended Codes: None

Reason code 34555 FLG_ERR_INV_DB_DPNAME

Explanation: Reserved

Possible Extended Codes: None

Reason code 34556
FLG_ERR_INV_DB_PROPERTY_
PPNAME

Explanation: The property short name is not valid according to database syntax rules.

Possible Extended Codes: None

Reason code 34557
FLG_ERR_INV_TOT_PROPERTY_
LEN

Explanation: The total length of CHAR, VARCHAR, and TIMESTAMP properties, plus overhead, is longer than the maximum allowed by a database for each row in the physical table in the database.

Possible Extended Codes: None

Reason code 34558   FLG_ERR_INV_PTNAME

Explanation: The syntax of the specified PTNAME value is invalid.

Possible Extended Codes: None

Reason code 34559
FLG_ERR_INV_PROPERTY_CS_
FLAG_FOR_DB

Explanation: The value for the case-sensitivity flag is not valid for the database.

Possible Extended Codes: Sequence number of property

Reason code 34560
FLG_ERR_SRH_PROP_VAL_
TOOLONG

Explanation: The search criteria value is too long. The maximum length when using DB2 for MVS/ESA is 254 bytes.

Possible Extended Codes: Sequence number of property

Reason code 34561
FLG_ERR_EXTRA_PROPS_IN_
IOSTRUCT

Explanation: The input structure contains one or more properties that are not in the object type definition.

Possible Extended Codes: None

Reason code 34562
FLG_ERR_MISSING_REQ_
PROPERTY

Explanation: A required property is missing from the input structure of an FLGCreateInst or FLGUpdateInst API. The extended code points to the position of the missing property using the object type's complete definition.

Possible Extended Codes: Sequence number of property

Reason code 34800   FLG_ERR_PROP_VALUE_
REQUIRED

Explanation: No value was specified in the object area for the indicated property. The definition for the property specifies that a value is required.

Possible Extended Codes: Sequence number of property

Reason code 34801   FLG_ERR_PROP_VALUE_
EXCEEDED

Explanation: The length of the value for the indicated property exceeds the maximum length defined in the definition area.

Possible Extended Codes: Sequence number of property

Reason code 34802
FLG_ERR_INVALID_PROPERTY_
VALUE

Explanation: The property value is invalid for one of the following reasons:

- The value uses DBCS characters, but must use SBCS characters.
- With FLGUpdateInst, the INSTIDNT value in the object area is not valid.

Possible Extended Codes: Sequence number of property

Reason code 34803   FLG_ERR_INV_SRH_VAL_FOR_ LONGVARCHAR

Explanation: The search value for the indicated property is longer than the maximum length allowed for search criteria with a LONG VARCHAR data type (3000).

Possible Extended Codes: Sequence number of property

Reason code 34804   FLG_ERR_INV_OBJ_LENGTH

Explanation: The actual length of the object area does not match the object length specified in the header area.

Possible Extended Codes: None

Reason code 34805   FLG_ERR_PARMLIST_ REQUIRES_HANDLES

Explanation: The HANDLES property is not specified in the definition area.

Possible Extended Codes: Sequence number of property

Reason code 34806   FLG_ERR_REG_CONFLICT

Explanation: The DPNAME or the PTNAME values specified in the object area do not match the values for the registration information identified by the object type ID.

Possible Extended Codes: None

Reason code 34807   FLG_ERR_ICON_EXCEEDS_ LIMIT

Explanation: The icon size is greater than the maximum icon size (30000).

Possible Extended Codes: None

Reason code 34808   FLG_ERR_INST_VALUE_ EXCEEDED

Explanation: The total length of the instance value exceeds the database limit.

Possible Extended Codes: None

Reason code 34809   FLG_ERR_INVALID_VARCHAR_ LENGTH

Explanation: Reserved

Possible Extended Codes: None

Reason code 34810   FLG_ERR_INVALID_CREATOR

Explanation: APIs FLGCreateInst and FLGUpdateInst found an error in the input I/O structure. The CREATOR value is not the same as the logged-on user ID. This is a requirement if the calling user is not authorized to perform object management operations.

Possible Extended Codes: None

Reason code 35000   FLG_ERR_PRG_NOT_STARTED

Explanation: The program could not be started due to an unexpected operating system error.

Possible Extended Codes: None

Reason code 35001   FLG_ERR_PROG_PARM_ TOOLONG

Explanation: The parameter specified for the Parameter list (PARMLIST) property of the program object is too long for the platform-specific program invocation.

Possible Extended Codes: None

Reason code 35002
FLG_ERR_INV_PROG_PARM

Explanation: The parameter list in the program object contains an unmatched token specifier (%), or a property delimited by token specifiers is not a property of the object type identified by the HANDLES property.

Possible Extended Codes: None

Reason code 35003
FLG_ERR_PROGRAM_NOTEXIST

Explanation: The program to be started does not exist, or the path specification is incorrect.

Possible Extended Codes: None

Reason code 35004   FLG_ERR_INV_SYNTAX_
STARTCMD

Explanation: The value of the STARTCMD property of the Program object is invalid.

Possible Extended Codes: None

Reason code 36001
FLG_ERR_ACCESS_DENIED

Explanation: Access is denied when opening or reading a file.

Possible Extended Codes: None

Reason code 36002
FLG_ERR_BAD_INVOCATION

Explanation: An error occurred on the Information Catalog Manager command line invocation.

Possible Extended Codes: None

Reason code 36003   FLG_ERR_BROKEN_PIPE

Explanation: Unable to open or read the specified file.

Possible Extended Codes: None

Reason code 36004
FLG_ERR_BUFFER_OVERFLOW

Explanation: Information Catalog Manager internal error.

Possible Extended Codes: None

Reason code 36005
FLG_ERR_CANNOT_MAKE

Explanation: Unable to create the specified file.

Possible Extended Codes: None

Reason code 36006   FLG_ERR_CLOSE_ERROR

Explanation: Unable to close the file.

Possible Extended Codes: None

Reason code 36007   FLG_ERR_COPY_ERROR

Explanation: Unable to copy a file.

Possible Extended Codes: None

Reason code 36008
FLG_ERR_DELETE_ERROR

Explanation: Unable to delete the specified file.

Possible Extended Codes: None

Reason code 36009
FLG_ERR_DEVICE_IN_USE

Explanation: Unable to access a file; the file is currently in use.

Possible Extended Codes: None

Reason code 36010
FLG_ERR_DIRECT_ACCESS_
HANDLE

Explanation: Information Catalog Manager internal error.

Possible Extended Codes: None

Reason code 36011   FLG_ERR_DISK_FULL

Explanation: The disk is full and the file cannot be created.

Possible Extended Codes: None

Reason code 36012
FLG_ERR_DRIVE_LOCKED

Explanation: Unable to access a drive; the drive is currently in use.

Possible Extended Codes: None

Reason code 36013
FLG_ERR_DUPHNDL_ERROR

Explanation: Information Catalog Manager internal error.

Possible Extended Codes: None

Reason code 36014
FLG_ERR_EAS_DIDNT_FIT

Explanation: The icon file has too many extended attributes.

Possible Extended Codes: None

Reason code 36015   FLG_ERR_EA_LIST_
INCONSISTENT

Explanation: Some of the extended attributes of the icon file are invalid.

Possible Extended Codes: None

Reason code 36016   FLG_ERR_EAS_NOT_
SUPPORTED

Explanation: Unable to copy a file with extended attributes to a file system that does not support extended attributes.

Possible Extended Codes: None

Reason code 36017
FLG_ERR_FILENAME_EXCED_
RANGE

Explanation: The file name or path was invalid.

Possible Extended Codes: None

Reason code 36018
FLG_ERR_FILE_NOT_FOUND

Explanation: The specified path and file name was not found.

Possible Extended Codes: None

Reason code 36019
FLG_ERR_FINDFILE_ERROR

Explanation: Unable to find the specified file.

Possible Extended Codes: None

Reason code 36020
FLG_ERR_FINDNEXT_ERROR

Explanation: Unable to find the next file.

Possible Extended Codes: None

Reason code 36021
FLG_ERR_INVALID_ACCESS

Explanation: Unable to write to the file; the file is read-only.

Possible Extended Codes: None

Reason code 36022
FLG_ERR_INVALID_DIRECTORY

Explanation: The specified directory is invalid.

Possible Extended Codes: None

Reason code 36023
FLG_ERR_INVALID_DRIVE

Explanation: Unable to access the specified drive.

Possible Extended Codes: None

Reason code 36024
FLG_ERR_INVALID_EA_NAME

Explanation: Information Catalog Manager internal error.

Possible Extended Codes: None

Reason code 36025
FLG_ERR_INVALID_FILE_NAME

Explanation: The specified file name is invalid.

Possible Extended Codes: None

Reason code 36026
FLG_ERR_INVALID_FUNCTION

Explanation: Information Catalog Manager internal error.

Possible Extended Codes: None

Reason code 36027
FLG_ERR_INVALID_HANDLE

Explanation: Information Catalog Manager internal error.

Possible Extended Codes: None

Reason code 36028   FLG_ERR_INVALID_
PARAMETER

Explanation: Information Catalog Manager internal error.

Possible Extended Codes: None

Reason code 36029
FLG_ERR_INVALID_TARGET_
HANDLE

Explanation: Information Catalog Manager internal error.

Possible Extended Codes: None

Reason code 36030
FLG_ERR_LOCK_VIOLATION

Explanation: Unable to access a file; the file is locked by another application.

Possible Extended Codes: None

Reason code 36031
FLG_ERR_META_EXPANSION_
TOO_LONG

Explanation: Information Catalog Manager internal error.

Possible Extended Codes: None

Reason code 36032   FLG_ERR_MORE_DATA

Explanation: Unable to open a file; the file is too large.

Possible Extended Codes: None

Reason code 36033
FLG_ERR_NEED_EAS_FOUND

Explanation: Unable to move the file to a drive that does not support extended attributes. Extended attributes are required for this file.

Possible Extended Codes: None

Reason code 36034
FLG_ERR_NEGATIVE_SEEK

Explanation: Information Catalog Manager internal error.

Possible Extended Codes: None

Reason code 36035
FLG_ERR_NOT_DOS_DISK

Explanation: The specified disk is not a valid disk or does not exist.

Possible Extended Codes: None

Reason code 36036
FLG_ERR_NO_MORE_FILES

Explanation: Information Catalog Manager internal error.

Possible Extended Codes: None

Reason code 36037
FLG_ERR_NO_MORE_SEARCH_ HANDLES

Explanation: This Information Catalog Manager session reached the maximum number of handles.

In your CONFIG.SYS file, increase the value for the FILES= option.

Possible Extended Codes: None

Reason code 36038 FLG_ERR_OPEN_ERROR

Explanation: Unable to open the icon file, tag language file, echo file, or log file.

Possible Extended Codes: None

Reason code 36039 FLG_ERR_OPEN_FAILED

Explanation: Unable to open the icon file, tag language file, echo file, or log file.

Possible Extended Codes: None

Reason code 36040
FLG_ERR_PATH_NOT_FOUND

Explanation: The specified path was not found.

Possible Extended Codes: None

Reason code 36041 FLG_ERR_PIPE_BUSY

Explanation: Information Catalog Manager internal error.

Possible Extended Codes: None

Reason code 36042 FLG_ERR_READ_ERROR

Explanation: Information Catalog Manager internal error.

Possible Extended Codes: None

Reason code 36043
FLG_ERR_SEEK_ON_DEVICE

Explanation: Information Catalog Manager internal error.

Possible Extended Codes: None

Reason code 36044
FLG_ERR_SETFILEPTR_ERROR

Explanation: Information Catalog Manager internal error.

Possible Extended Codes: None

Reason code 36045
FLG_ERR_SHARING_BUFFER_ EXCEEDED

Explanation: This file cannot be shared, because there is a buffer overflow.

Possible Extended Codes: None

Reason code 36046 FLG_ERR_SHARING_ VIOLATION

Explanation: Unable to access this file. Another process is using this file.

Possible Extended Codes: None

Reason code 36047
FLG_ERR_TOO_MANY_OPEN_ FILES

Explanation: Unable to open any more files.

Under OS/2, increase the value of the FILES= option.

Possible Extended Codes: None

Reason code 36048 FLG_ERR_WRITE_ERROR

Explanation: Information Catalog Manager internal error.

Possible Extended Codes: None

Reason code 36049 FLG_ERR_WRITE_FAULT

Explanation: Unable to write to the disk. The disk might be locked or unreadable.

Possible Extended Codes: None

Reason code 36050 FLG_ERR_WRITE_PROTECT

Explanation: Unable to write to the file. The file is read-only.

Possible Extended Codes: None

Reason code 36200 FLG_ERR_NO_MORE_THREADS

Explanation: No more system threads are available.

Close some existing programs to continue.

Possible Extended Codes: None

Reason code 36201 FLG_ERR_QDISK_FAIL

Explanation: Unable to access information about the disk drive.

Possible Extended Codes: None

Reason code 37001 FLG_ERR_INV_RESTART_OPT

Explanation: The specified restart option (RestartOpt) was invalid.

Valid values are B, C, b, and c.

Possible Extended Codes: None

Reason code 37002 FLG_ERR_INV_OBJTYPE_OPT

Explanation: The option on the ACTION.OBJTYPE tag is invalid.

Valid options are MERGE, ADD, UPDATE, DELETE, DELETE_EXT, and APPEND.

Possible Extended Codes: None

Reason code 37003 FLG_ERR_INV_OBJINST_OPT

Explanation: The option on the ACTION.OBJINST tag is invalid.

Valid options are ADD, UPDATE, DELETE, DELETE_TREE_REL, DELETE_TREE_ALL, and MERGE.

Possible Extended Codes: None

Reason code 37004 FLG_ERR_INV_RELATION_OPT

Explanation: The option on the ACTION.RELATION tag is invalid.

Valid options are ADD and DELETE.

Possible Extended Codes: None

Reason code 37005 FLG_ERR_TAG_OUT_OF_ SEQUENCE

Explanation: A tag is not in the correct sequence following an ACTION tag in the tag language file.

Possible Extended Codes: None

Reason code 37006 FLG_ERR_KEYNAME_TOO_ LONG

Explanation: A UUI property short name on the INSTANCE tag is longer than the maximum length (8).

Possible Extended Codes: None

Reason code 37007 FLG_ERR_INV_ACTION_TYPE

Explanation: The keyword on the ACTION tag is invalid.

Valid keywords are OBJTYPE, OBJINST, and RELATION.

Possible Extended Codes: None

Reason code 37008
    FLG_ERR_KEYWORD_TOO_
    LONG

Explanation: A keyword on a tag is longer than the maximum allowed for the keyword.

Possible Extended Codes: None

Reason code 37009
    FLG_ERR_PROPNAME_TOO_
    LONG

Explanation: Property short name on the INSTANCE tag is longer than the maximum length (8).

Possible Extended Codes: None

Reason code 37010
    FLG_ERR_VALUE_TOO_LONG

Explanation: Value in the tag language file is longer than the maximum allowed by its keyword, property short name, or UUI property short name.

Possible Extended Codes: None

Reason code 37011   FLG_ERR_OBJTAG_DUP_
    KEYWORD

Explanation: A keyword on the OBJECT tag is specified more than once.

Possible Extended Codes: None

Reason code 37012
    FLG_ERR_PROPTAG_DUP_
    KEYWORD

Explanation: A keyword on the PROPERTY tag is specified more than once.

Possible Extended Codes: None

Reason code 37013   FLG_ERR_RELTAG_DUP_
    KEYWORD

Explanation: A keyword is specified more than once on the RELTYPE tag.

Possible Extended Codes: None

Reason code 37014
    FLG_ERR_INSTTAG_DUP_
    KEYNAME

Explanation: A UUI property short name is specified more than once on the INSTANCE tag.

Possible Extended Codes: None

Reason code 37015
    FLG_ERR_INSTTAG_DUP_
    PROPNAME

Explanation: A property short name is specified more than once on the INSTANCE tag.

Possible Extended Codes: None

Reason code 37016   FLG_ERR_OBJTAG_INV_
    KEYWORD

Explanation: A keyword on the OBJECT tag is invalid.

Valid keywords are TYPE, CATEGORY, EXTNAME, PHYNAME, ICOFILE and ICWFILE.

Possible Extended Codes: None

Reason code 37017
    FLG_ERR_PROPTAG_INV_
    KEYWORD

Explanation: A keyword on the PROPERTY tag is invalid.

Valid keywords are EXTNAME, DT, DL, SHRTNAME, NULLS, and UUISEQ.

Possible Extended Codes: None

Reason code 37018   FLG_ERR_RELTAG_INV_
    KEYWORD

Explanation: A keyword on the RELTYPE tag is invalid.

Valid keywords are TYPE, SOURCETYPE, and TARGETYPE.

Possible Extended Codes: None

**Reason code 37019
FLG_ERR_CMMTTAG_INV_
KEYWORD**

Explanation: A keyword on the COMMIT tag is invalid.

The valid keyword is CHKPID.

Possible Extended Codes: None

**Reason code 37020
FLG_ERR_INSTTAG_INV_
KEYNAME**

Explanation: A UUI property short name on the INSTANCE tag is invalid.

Possible Extended Codes: None

**Reason code 37021
FLG_ERR_INSTTAG_INV_
PROPNAME**

Explanation: A property short name on the INSTANCE tag is invalid.

The property short name must exist in the object type specified on the OBJECT tag.

Possible Extended Codes: None

**Reason code 37022
FLG_ERR_INSTTAG_MISSING_
SKEY**

Explanation: SOURCEKEY is not the first keyword on the INSTANCE tag.

Possible Extended Codes: None

**Reason code 37023
FLG_ERR_INSTTAG_MISSING_
TKEY**

Explanation: TARGETKEY is not the second keyword on the INSTANCE tag when creating or deleting a relationship.

Possible Extended Codes: None

**Reason code 37024   FLG_ERR_TAGFILE_
PREMATURE_EOF**

Explanation: The Information Catalog Manager encountered the end of the tag language file unexpectedly when importing the tag language file.

Possible Extended Codes: None

**Reason code 37025
FLG_ERR_PROPTAG_INV_DT**

Explanation: The DT value on the PROPERTY tag is invalid.

Valid values are C, V, L, and T.

Possible Extended Codes: None

**Reason code 37026   FLG_ERR_PROPTAG_
RESERVED_SHRTNAME**

Explanation: The short name of a reserved property was specified as the value for SHRTNAME on the PROPERTY tag.

The following short names are reserved and cannot be specified as the SHRTNAME: OBJTYPID, INSTIDNT, UPDATIME, and UPDATEBY.

Possible Extended Codes: None

**Reason code 37027
FLG_ERR_PROPTAG_INV_
NULLS**

Explanation: NULLS value on the PROPERTY tag is invalid.

Valid values are Y and N.

Possible Extended Codes: None

**Reason code 37028
FLG_ERR_PROPTAG_INV_
UUISEQ**

Explanation: UUISEQ value on the PROPERTY tag is invalid.

Valid values are 0, 1, 2, 3, 4, and 5.

Possible Extended Codes: None

Reason code 37029
            **FLG_ERR_INSTTAG_RESERVED_
            PROPNAME**

Explanation: The property short name of a reserved property was specified on the INSTANCE tag.

The following property short names are reserved and cannot be assigned values: OBJTYPID, INSTIDNT, UPDATIME, and UPDATEBY.

Possible Extended Codes: None

Reason code 37030
            **FLG_ERR_OBJTAG_MISSING_
            REQD_KEYWORD**

Explanation: A required keyword is missing on the OBJECT tag.

Possible Extended Codes: None

Reason code 37031
            **FLG_ERR_OBJTAG_KEYWORD_
            NOT_ALLOWED**

Explanation: A keyword specified on the OBJECT tag is not allowed with the current ACTION tag keyword and option.

Possible Extended Codes: None

Reason code 37032
            **FLG_ERR_PROPTAG_MISSING_
            REQD_KEYWORD**

Explanation: A required keyword is missing on the PROPERTY tag.

Required keywords are: EXTNAME, DT, DL, SHRTNAME, and NULLS.

When NAME is specified as the value of SHRTNAME, SHRTNAME is the only required keyword.

Possible Extended Codes: None

Reason code 37033
            **FLG_ERR_RELTAG_MISSING_
            REQD_KEYWORD**

Explanation: A required keyword is missing on the RELTYPE tag.

Required keywords are TYPE, SOURCETYPE, and TARGETYPE.

Possible Extended Codes: None

Reason code 37034
            **FLG_ERR_INVALID_DISKCNTL_
            TAG**

Explanation: The values and keywords on the DISKCNTL tag are invalid.

Possible Extended Codes: None

Reason code 37035
            **FLG_ERR_NO_VALID_INPUT_
            TAG**

Explanation: The tag language file contains no valid tags.

Possible Extended Codes: None

**Reason code 37037   FLG_ERR_OBJTAG_INV_
            CATEGORY**

Explanation: The CATEGORY value on the OBJECT tag is invalid.

Valid values are GROUPING, ELEMENTAL, CONTACT, DICTIONARY, and SUPPORT.

Possible Extended Codes: None

Reason code 37038
            FLG_ERR_RELTAG_INV_TYPE

Explanation: The TYPE value on the RELTYPE tag is invalid.

Valid values are CONTAIN, CONTACT, LINK, and ATTACHMENT.

Possible Extended Codes: None

Reason code 37039
FLG_ERR_MISSING_LPAREN

Explanation: A left parenthesis is missing following a keyword, UUI property short name, or property short name.

Possible Extended Codes: None

Reason code 37040 FLG_ERR_INSTTAG_NO_ PROPNAME

Explanation: No property short names were specified on the INSTANCE tag.

Possible Extended Codes: None

Reason code 37041 FLG_ERR_NO_VALUE

Explanation: The value for the specified keyword is missing.

Possible Extended Codes: None

Reason code 37042 FLG_ERR_NO_KEYWORD

Explanation: A tag does not include any keywords.

At least one keyword is required for all tags except COMMENT, NL, and TAB.

Possible Extended Codes: None

Reason code 37043
FLG_ERR_TAG_FOLLOWED_BY_ GARBAGE

Explanation: A valid tag is followed by extra characters.

Possible Extended Codes: None

Reason code 37044 FLG_ERR_BAD_PAREN_ WITHIN_VALUE

Explanation: A parenthesis specified within this value is invalid.

A parenthesis within values must be surrounded by single quotation marks.

Possible Extended Codes: None

Reason code 37046 FLG_ERR_PROPTAG_ KEYWORD_NOT_ALLOWED

Explanation: A specified keyword is not allowed on the PROPERTY tag when NAME is specified as the SHRTNAME value.

Valid keywords in this case are SHRTNAME and UUISEQ.

Possible Extended Codes: None

Reason code 37047 FLG_ERR_UNEXPECTED_ LPAREN

Explanation: A left parenthesis is specified before an expected keyword, UUI property short name, or property short name.

Possible Extended Codes: None

Reason code 37048 FLG_ERR_UNEXPECTED_ RPAREN

Explanation: A right parenthesis is specified before an expected left parenthesis, keyword, UUI property short name, or property short name.

Possible Extended Codes: None

Reason code 37300 FLG_ERR_CHKPT_DUP

Explanation: Information Catalog Manager internal error.

Possible Extended Codes: None

Reason code 37301
FLG_ERR_CHKPT_NOTEXIST

Explanation: Information Catalog Manager internal error.

Possible Extended Codes: None

Reason code 37302
FLG_ERR_INV_SAVEAREA_LEN

Explanation: Information Catalog Manager internal error.

Possible Extended Codes: None

Reason code 37303
           FLG_ERR_INV_CHKPT_TOT_LEN

Explanation: Information Catalog Manager internal error.

Possible Extended Codes: None

Reason code 37304
           FLG_ERR_MISSING_CHKPT_ VALUE

Explanation: Information Catalog Manager internal error.

Possible Extended Codes: None

Reason code 37305
           FLG_ERR_NO_MATCH_ON_ CHKPTID

Explanation: Unable to match the system-saved checkpoint ID with any COMMIT tag checkpoint ID in the specified tag language file.

Possible Extended Codes: None

Reason code 37500
           FLG_ERR_REQUEST_A_NEW_ DISK_FAILED

Explanation: The user did not insert the next tag language file diskette in the sequence.

Possible Extended Codes: None

Reason code 37501
           FLG_ERR_VERIFY_DISKETTE_ SEQUENCE_FAILED

Explanation: The Information Catalog Manager encountered an error while trying to verify the diskette sequence.

Possible Extended Codes: None

Reason code 37502
           FLG_ERR_UNABLE_TO_FIND_ REQUIRED_PROPERTY

Explanation: Unable to find a specified property short name in the target database.

This property short name was specified on the INSTANCE tag while updating or merging an object instance using ACTION.OBJINST(UPDATE) or ACTION.OBJINST(MERGE).

Possible Extended Codes: None

Reason code 37503
           FLG_ERR_UNABLE_TO_FIND_ REQUIRED_OBJTYPE

Explanation: Unable to find the object type name, specified on the OBJECT tag, in the target database.

Possible Extended Codes: None

Reason code 37504
           FLG_ERR_NONUNIQUE_UUI_ KEY

Explanation: The specified UUI values identify more than one instance.

Possible Extended Codes: None

Reason code 37505
           FLG_ERR_MISMATCH_UUI_IN_ MERGE

Explanation: In an object type merge, the UUI property short names for the object type in the input tag language file do not match the UUI property short names for the same object type in the database.

Possible Extended Codes: None

Reason code 37506
           FLG_ERR_DATA_LENGTH_ CONVERSION_FAILED

Explanation: Information Catalog Manager internal error.

Possible Extended Codes: None

Reason code 37507
    **FLG_ERR_MISMATCH_DATA_
    LENGTH_IN_MERGE**

Explanation: The value of DL (data length) on a PROPERTY tag following an ACTION.OBJTYPE(MERGE) tag in the input tag language file does not match the value for the same property in the target database for the same object type.

Possible Extended Codes: None

Reason code 37508
    **FLG_ERR_MISMATCH_DATA_
    TYPE_IN_MERGE**

Explanation: The value of DT (data type) on a PROPERTY tag following an ACTION.OBJTYPE(MERGE) tag in the input tag language file does not match the value for the same property in the target database for the same object type.

Possible Extended Codes: None

**Reason code 37509   FLG_ERR_MISMATCH_
    PROPERTY_NAME_IN_MERGE**

Explanation: The value of SHRTNAME (property short name) on a PROPERTY tag that follows an ACTION.OBJTYPE(MERGE) tag in the input tag language file does not match any property in the database for the same object type.

Possible Extended Codes: None

**Reason code 37510   FLG_ERR_MISMATCH_
    CATEGORY_IN_MERGE**

Explanation: The value of CATEGORY on an OBJECT tag following an ACTION.OBJTYPE(MERGE) tag in the input tag language file does not match the value in the database for the same object type.

Possible Extended Codes: None

Reason code 37511
    **FLG_ERR_MISSING_REQUIRED_
    OBJTYPE_MERGE_STATEMENT**

Explanation: Unable to merge an object instance using ACTION.OBJINST(MERGE) before its object type is merged using ACTION.OBJTYPE(MERGE).

The ACTION.OBJTYPE(MERGE) tag must be processed before an ACTION.OBJINST(MERGE) for the same object type.

Possible Extended Codes: None

**Reason code 37512   FLG_ERR_NONUNIQUE_
    SOURCE_UUI_KEY**

Explanation: Reserved

Possible Extended Codes: None

**Reason code 37513   FLG_ERR_NONUNIQUE_
    TARGET_UUI_KEY**

Explanation: Reserved

Possible Extended Codes: None

Reason code 37514
    **FLG_ERR_NO_TAGFILE_ON_
    DISKETTE**

Explanation: Unable to find the input tag language file on the provided diskette.

Possible Extended Codes: None

Reason code 37515
    **FLG_ERR_WRONG_DISK_
    SEQUENCE**

Explanation: The diskettes containing the tag language file were inserted in the wrong order.

Possible Extended Codes: None

**Reason code 37516   FLG_ERR_REQ_INST_
    NOTFOUND**

Explanation: Unable to find the instance to be updated.

Possible Extended Codes: None

Reason code 37801   FLG_ERR_NO_UUI

Explanation: Export encountered an object with no UUI and cannot process.

Possible Extended Codes: None

**Reason code 37802
            FLG_ERR_CREATEREG_FAILED**

Explanation: Reserved

Possible Extended Codes: None

**Reason code 37803
            FLG_ERR_UPDATEREG_FAILED**

Explanation: Reserved

Possible Extended Codes: None

**Reason code 37804
            FLG_ERR_GETREG_FAILED**

Explanation: Export calls FLGGetReg, which returned an error.

See the log file for information about how this error affects the export.

Possible Extended Codes: None; Reason code

**Reason code 37805
            FLG_ERR_DELETEREG_FAILED**

Explanation: Reserved

Possible Extended Codes: None

**Reason code 37806
            FLG_ERR_CREATETYPE_FAILED**

Explanation: Reserved

Possible Extended Codes: None

**Reason code 37807
            FLG_ERR_APPENDTYPE_FAILED**

Explanation: Reserved

Possible Extended Codes: None

**Reason code 37808
            FLG_ERR_GETTYPE_FAILED**

Explanation: Reserved

Possible Extended Codes: None

**Reason code 37809
            FLG_ERR_DELETETYPE_FAILED**

Explanation: Reserved

Possible Extended Codes: None

**Reason code 37820
            FLG_ERR_CREATEINST_FAILED**

Explanation: Reserved

Possible Extended Codes: None

**Reason code 37821
            FLG_ERR_UPDATEINST_FAILED**

Explanation: Reserved

Possible Extended Codes: None

**Reason code 37822
            FLG_ERR_GETINST_FAILED**

Explanation: Export calls FLGGetInst, which returned an error.

See the log file for information about how this error affects the export.

Possible Extended Codes: None; Reason code

**Reason code 37823
            FLG_ERR_DELETEINST_FAILED**

Explanation: Reserved

Possible Extended Codes: None

Reason code 37824
FLG_ERR_LISTTYPE_FAILED

Explanation: Reserved

Possible Extended Codes: None

Reason code 37825
FLG_ERR_SEARCH_FAILED

Explanation: Reserved

Possible Extended Codes: None

Reason code 37826
FLG_ERR_RELATE_FAILED

Explanation: Reserved

Possible Extended Codes: None

Reason code 37827
FLG_ERR_LISTCONTACTS_ FAILED

Explanation: Export calls FLGListContacts, which returned an error.

See the log file for information about how this error affects the export.

Possible Extended Codes: Reason code

Reason code 37828
FLG_ERR_NAVIGATE_FAILED

Explanation: Export calls FLGNavigate, which returned an error.

See the log file for information about how this error affects the export.

Possible Extended Codes: Reason code

Reason code 37829
FLG_ERR_FREEMEM_FAILED

Explanation: Export calls FLGFreeMem, which returned an error.

See the log file for information about how this error affects the export.

Possible Extended Codes: Reason code

Reason code 37831
FLG_ERR_LISTASSOC_FAILED

Explanation: This function calls FLGListAssociates, which returned an error.

Possible Extended Codes: Reason code

Reason code 37901
FLG_ERR_NULL_LOGFILE

Explanation: The log file pointer parameter value is NULL.

A value is required for this parameter.

Possible Extended Codes: None

Reason code 37902
FLG_ERR_LOGFILE_OPENERR

Explanation: Import or export encountered an error while opening the log file.

The extended code contains the reason code for the error.

Possible Extended Codes: Reason code

Reason code 37904
FLG_ERR_LOGFILE_WRITEERR

Explanation: Import or export encountered an error while writing to the log file.

The extended code contains the reason code for the error.

Possible Extended Codes: Reason code

Reason code 37906
FLG_ERR_LOGFILE_CLOSEERR

Explanation: Import or export encountered an error while closing the log file.

The extended code contains the reason code for the error.

Possible Extended Codes: Reason code

Reason code 37908
                    FLG_ERR_INV_TAGFILE_LEN

Explanation: One of the following has occurred:

- The specified name of the tag language file is null.
- The full name of the tag language file including the path information, is longer than the maximum length allowed (259).
- The tag language file name and extension are longer than the maximum length allowed (240).

Possible Extended Codes: None

Reason code 37909
                    FLG_ERR_INV_LOGFILE_LEN

Explanation: One of the following has occurred:

- The specified name of the log file is null.
- The entire name, including the path, is longer than the allowed maximum length (259).

Possible Extended Codes: None

Reason code 37910   FLG_ERR_INV_TAGFILE

Explanation: The specified drive for the tag language file is invalid because the Information Catalog Manager encountered an error while trying to access it.

If the tag language file is in MDIS format, then the drive cannot be a removable drive.

Possible Extended Codes: None

Reason code 37911   FLG_ERR_INV_LOGFILE

Explanation: The specified drive for the log file is invalid. The specified drive might be removable, or an error occurred when the Information Catalog Manager tried to access it.

Possible Extended Codes: None

Reason code 37912
                    FLG_ERR_ECHOFILE_OPENERR

Explanation: Import encountered an error while opening the echo file.

The extended code contains the reason code for the error.

Possible Extended Codes: Reason code

Reason code 37913
                    FLG_ERR_TAGFILE_READERR

Explanation: Import encountered an error while reading the tag language file.

The extended code contains the reason code for the error.

Possible Extended Codes: Reason code

Reason code 37914
                    FLG_ERR_ECHOFILE_WRITEERR

Explanation: Import encountered an error while writing to the echo file.

The extended code contains the reason code for the error.

Possible Extended Codes: Reason code

Reason code 37915
                    FLG_ERR_INV_ICOPATH_LEN

Explanation: The specified icon path is too long.

The maximum length for an icon path, including the drive and directories, is 246.

Possible Extended Codes: None

Reason code 37919   FLG_ERR_ICOPATH_
                    NONBLANK_EXT

Explanation: The specified icon path (pszIcoPath) includes an extension.

This value should include only the path.

Possible Extended Codes: None

Reason code 37920   FLG_ERR_INV_ICOPATH

Explanation: The drive or extension specified in the icon path is invalid for one of the following reasons:

- The drive was not specified, the drive is removable, or the Information Catalog Manager encountered an error while reading from it.
- A file extension was specified in the icon path.

Possible Extended Codes: None

Reason code 37921
FLG_ERR_TAGFILE_OPENERR

Explanation: Import, export, or FLGXferTagBuf encountered an error while opening the tag language file.

The extended code contains the reason code for the open error.

Possible Extended Codes: Reason code

Reason code 37922
FLG_ERR_TAGFILE_CLOSEERR

Explanation: Import, export, or FLGXferTagBuf encountered an error while closing the tag language file.

The extended code contains the reason code for the error.

Possible Extended Codes: Reason code

Reason code 37923
FLG_ERR_ECHOFILE_CLOSEERR

Explanation: Import encountered an error while closing the echo file.

The extended code contains the reason code for the error.

Possible Extended Codes: Reason code

Reason code 37924
FLG_ERR_INV_ECHOFILE_LEN

Explanation: The length of the log file path with the tag language file name and the ECH extension is longer than the maximum length allowed for the complete echo file path and name.

This maximum is 259 characters.

Possible Extended Codes: None

Reason code 37925
FLG_ERR_MAX_OBJTYPE_ EXCEEDED

Explanation: The tag language file contains more than the maximum number of discrete object types allowed (3500) when importing or exporting.

Possible Extended Codes: None

Reason code 37926
FLG_ERR_TAGFILE_WRITEERR

Explanation: Export or the FLGXferTagBuf API encountered an error while trying to write to the tag language file.

The extended code contains the reason code for the write error.

Possible Extended Codes: Reason code

Reason code 37928
FLG_ERR_INV_TAGFILE_EXT

Explanation: The file name specified for the tag language file has an extension of ECH. This extension is invalid.

Possible Extended Codes: None

Reason code 37929
FLG_ERR_INV_LOGFILE_EXT

Explanation: The file name specified for the log file has an extension of ECH. This extension is invalid.

Possible Extended Codes: None

Reason code 37930
FLG_ERR_TAGFILE_LOGFILE_ CONFLICT

Explanation: The specified log file is the same as the tag language file. The two files must be different.

Possible Extended Codes: None

Reason code 38000
FLG_ERR_INVALID_EXPORT_
IOSTRUCT

Explanation: The input structure for FLGExport is invalid.

Possible Extended Codes: Sequence number of object

Reason code 38001
FLG_ERR_INVALID_CFLAG

Explanation: The containee flag value is invalid in the FLGExport input structure.

Valid values are Y or N.

Possible Extended Codes: Sequence number of object

Reason code 38002
FLG_ERR_INVALID_TFLAG

Explanation: The contact flag value is invalid in the FLGExport input structure.

Valid values are Y or N.

Possible Extended Codes: Sequence number of object

Reason code 38003
FLG_ERR_TAGFILE_EXIST

Explanation: The name specified for the export output tag language file (pszTagFileID) points to a file that already exists.

The name of the output tag language file must not already exist.

Possible Extended Codes: None

Reason code 38004
FLG_ERR_GET_ICON_FAILED

Explanation: Unable to export the icon for the specified object type.

Possible Extended Codes: Reason code

Reason code 38005
FLG_ERR_INVALID_AFLAG

Explanation: The attachment flag on the export input structure is not valid. Valid values are Y and N.

Possible Extended Codes: Sequence number of object

Reason code 38006
FLG_ERR_INVALID_LFLAG

Explanation: The link flag in the export input structure is not valid. Valid values are Y and N.

Possible Extended Codes: Sequence number of object type.

Reason code 39000   FLG_ERR_UPM_FAIL

Explanation: The User Profile Management utility failed (logon failed or logon user ID is different than connected user ID).

Possible Extended Codes: None

Reason code 39001
FLG_ERR_INV_INPUT_PARM

Explanation: The input parameter keywords for the command are invalid or missing.

Possible Extended Codes: None

Reason code 39002
FLG_ERR_MISSING_PARM_
VALUE

Explanation: The input parameter values for the command are invalid or missing.

Possible Extended Codes: None

Reason code 39003
FLG_ERR_INIT_BIDI_ERROR

Explanation: The Information Catalog Manager encountered an error while initializing for the bidirectional environment. This applies only when the Information Catalog Manager is running on an Arabic or Hebrew machine.

Possible Extended Codes: None

Reason code 39201
        FLG_ERR_INVALID_USERTYPE_
        FOR_UPDATE

Explanation: The user type specified to be updated is invalid. The valid types are either the primary or backup administrator.

Possible Extended Codes: None

Reason code 39202
        FLG_ERR_INVALID_USERTYPE_
        FOR_CRT_OR_DEL

Explanation: The user type specified to be created or deleted is invalid. Only users authorized to perform object management tasks can be created or deleted.

Possible Extended Codes: None

Reason code 39203
        FLG_ERR_INVALID_ID_BAD_
        CHAR

Explanation: The specified user ID contains an invalid character. Refer to your database documentation for valid characters.

Possible Extended Codes: None

Reason code 39204
        FLG_ERR_INVALID_ID_NUM_
        START

Explanation: The specified user ID begins with a numeric character. This is not a valid starting character.

Possible Extended Codes: None

Reason code 39205
        FLG_ERR_INVALID_ID_IMB_
        BLANK

Explanation: The specified user ID contains an imbedded blank. This is not allowed.

Possible Extended Codes: None

Reason code 39206
        FLG_ERR_INVALID_MUU_OPT

Explanation: The option specified for the FLGManageUsers API is invalid. Valid actions are FLG_ACTION_CREATE, FLG_ACTION_UPDATE, FLG_ACTION_DELETE, and FLG_ACTION_LIST.

Possible Extended Codes: None

Reason code 39209
        FLG_ERR_INVALID_PADMIN_
        USERID

Explanation: The specified user ID for the primary administrator is invalid. Verify the user ID syntax in your database documentation.

Possible Extended Codes: None

Reason code 39210
        FLG_ERR_INVALID_BADMIN_
        USERID

Explanation: The specified user ID for the backup administrator is invalid. Verify the user ID syntax in your database documentation.

Possible Extended Codes: None

Reason code 39211   FLG_ERR_INVALID_
        POWERUSER_USERID

Explanation: The specified user ID is invalid. Verify the user ID syntax in your database documentation.

Possible Extended Codes: Contains the index to the user ID in the input structure that is invalid.

Reason code 39502   FLG_ERR_CDF_ERROR

Explanation: Reserved

Possible Extended Codes: None

**Reason code 39504
FLG_ERR_INSTPROFILE_ERROR**

Explanation: Reserved

Possible Extended Codes: None

**Reason code 39700 FLG_ERR_TERM_FAIL_
ROLLBACK_CLOSE**

Explanation: Reserved

Possible Extended Codes: None

**Reason code 39701 FLG_ERR_TERM_FAIL_
ROLLBACK**

Explanation: Reserved

Possible Extended Codes: None

**Reason code 39702
FLG_ERR_TERM_FAIL_COMMIT**

Explanation: Reserved

Possible Extended Codes: None

**Reason code 40001
FLG_ERR_INVALID_CONFIG_
PROFILE**

Explanation: The MDIS configuration profile
file does not contain a valid BEGIN
CONFIGURATION section.

Possible Extended Codes: None

**Reason code 40002 FLG_ERR_CONFIGFILE_
READERR**

Explanation: MDIS import encountered an error
while reading the configuration profile file.

Possible Extended Codes: reason code

**Reason code 40003 FLG_ERR_CONFIGFILE_
CLOSEERR**

Explanation: MDIS import encountered an error
while closing the configuration profile file.

Possible Extended Codes: reason code

**Reason code 40006
FLG_ERR_CONFIGFILE_INV_
BEGIN_STMT**

Explanation: The MDIS configuration profile
file contains an invalid BEGIN statement. Valid
statement is: BEGIN CONFIGURATION.

Possible Extended Codes: None

**Reason code 40007
FLG_ERR_CONFIGFILE_INV_
END_STMT**

Explanation: The MDIS configuration profile
file contains an invalid END statement. Valid
statement is: END CONFIGURATION.

Possible Extended Codes: None

**Reason code 40010
FLG_ERR_CONFIGFILE_INV_
KEYWORD**

Explanation: The MDIS configuration profile
file contains an invalid keyword.

Possible Extended Codes: None

**Reason code 40011
FLG_ERR_CONFIGFILE_INV_
TEXT**

Explanation: The MDIS configuration profile
file contains invalid text.

Possible Extended Codes: None

**Reason code 40012
FLG_ERR_CONFIGFILE_INV_
VALUE**

Explanation: The MDIS configuration profile
file contains an invalid keyword value.

Possible Extended Codes: None

Reason code 40013
FLG_ERR_CONFIGFILE_VALUE_
TOO_LONG

Explanation: The MDIS configuration profile file contains a keyword value that exceeds the maximum allowable length for that keyword.

Possible Extended Codes: None

Reason code 40015   FLG_ERR_CONFIGFILE_
PREMATURE_EOF

Explanation: MDIS import unexpectedly encountered the end of the configuration profile file.

Possible Extended Codes: None

Reason code 40021
FLG_ERR_INVALID_TOOL_
PROFILE

Explanation: The MDIS tool profile file does not contain a valid BEGIN TOOL section.

Possible Extended Codes: None

Reason code 40022
FLG_ERR_TOOLFILE_READERR

Explanation: MDIS import encountered an error while reading the tool profile file.

Possible Extended Codes: reason code

Reason code 40023
FLG_ERR_TOOLFILE_CLOSEERR

Explanation: MDIS import encountered an error while closing the tool profile file.

Possible Extended Codes: reason code

Reason code 40026
FLG_ERR_TOOLFILE_INV_
BEGIN_STMT

Explanation: The MDIS tool profile file contains an invalid BEGIN statement. Valid statements are: BEGIN TOOL and BEGIN APPLICATIONDATA.

Possible Extended Codes: None

Reason code 40027
FLG_ERR_TOOLFILE_INV_END_
STMT

Explanation: The MDIS tool profile file contains an invalid END statement. Valid statements are: END TOOL and END APPLICATIONDATA.

Possible Extended Codes: None

Reason code 40030
FLG_ERR_TOOLFILE_INV_
KEYWORD

Explanation: The MDIS tool profile file contains an invalid keyword.

Possible Extended Codes: None

Reason code 40031
FLG_ERR_TOOLFILE_INV_TEXT

Explanation: The MDIS tool profile file contains invalid text.

Possible Extended Codes: None

Reason code 40032   FLG_ERR_TOOLFILE_
INV_VALUE

Explanation: The MDIS tool profile file contains an invalid keyword value.

Possible Extended Codes: None

Reason code 40033
FLG_ERR_TOOLFILE_VALUE_
TOO_LONG

Explanation: The MDIS tool profile file contains a keyword value that exceeds the maximum allowable length for that keyword.

Possible Extended Codes: None

**Reason code 40034   FLG_ERR_TOOLFILE_
                      CONFLICTING_VALUES**

Explanation: The MDIS tool profile file contains conflicting RECORD, DIMENSION, or ELEMENT values.

Possible Extended Codes: None

**Reason code 40050   FLG_ERR_TOOLFILE_
                      PREMATURE_EOF**

Explanation: MDIS import unexpectedly encountered the end of the tool profile file.

Possible Extended Codes: None

**Reason code 40100
               FLG_ERR_UNSUPPORTED_
               MDIS_FUNCTION**

Explanation: The configuration profile file specifies a function that is not supported by the Information Catalog Manager.

Possible Extended Codes: None

**Reason code 40101
               FLG_ERR_MISSING_REQ_
               MDIS_KEYWORD**

Explanation: A required MDIS keyword is not present in the tag language file.

Possible Extended Codes: None

**Reason code 40110   FLG_ERR_TAGFILE_INV_
                      KEYWORD**

Explanation: The MDIS tag language file contains an invalid keyword.

Possible Extended Codes: None

**Reason code 40111
               FLG_ERR_TAGFILE_INV_TEXT**

Explanation: The MDIS tag language file contains invalid text.

Possible Extended Codes: None

**Reason code 40112
               FLG_ERR_TAGFILE_INV_VALUE**

Explanation: The MDIS tag language file contains an invalid keyword value.

Possible Extended Codes: None

**Reason code 40113
               FLG_ERR_TAGFILE_VALUE_
               TOO_LONG**

Explanation: The MIDS tag language file contains a keyword value that exceeds the maximum allowable length for that keyword.

Possible Extended Codes: None

**Reason code 40115
               FLG_ERR_MISSING_DQUOTE**

Explanation: A double quotation mark is missing following a keyword.

Possible Extended Codes: None

**Reason code 40116   FLG_ERR_UNEXPECTED_
                      DQUOTE**

Explanation: A double quotation mark was found unexpectedly.

Possible Extended Codes: None

**Reason code 40117   FLG_ERR_SPECIFIED_
                      PROPERTY_NOT_FOUND**

Explanation: Unable to find a specified property short name in the target database.

Possible Extended Codes: None

**Reason code 40118
               FLG_ERR_TAGFILE_INV_END_
               STMT**

Explanation: The MDIS tag language file contains an invalid END statement.

Possible Extended Codes: None

**Reason code 40119   FLG_ERR_TAGFILE_INV_
BEGIN_STMT**

Explanation: The MDIS tag language file
contains an invalid BEGIN statement.

Possible Extended Codes: None

**Reason code 40130   FLG_ERR_INV_RECORD_
SECTION**

Explanation: A BEGIN RECORD section is
incorrectly nested in the MDIS tag language file.

Possible Extended Codes: None

**Reason code 40131
FLG_ERR_INV_DIMENSION_
SECTION**

Explanation: A BEGIN DIMENSION section is
incorrectly nested in the MDIS tag language file.

Possible Extended Codes: None

**Reason code 40132
FLG_ERR_INV_SUBSCHEMA_
SECTION**

Explanation: A BEGIN SUBSCHEMA section is
incorrectly nested in the MDIS tag language file.

Possible Extended Codes: None

**Reason code 40201   FLG_ERR_DUPLICATE_
IDENTIFIER**

Explanation: An identifier value is duplicated
in the MDIS tag language file.

Possible Extended Codes: None

**Reason code 40202
FLG_ERR_INV_IDENTIFIER_
REFERENCE**

Explanation: Either a SourceObjectIdentifier or
a TargetObjectIdentifier value does not refer to
an identifier value previously defined in the tag
language file.

Possible Extended Codes: None

**Reason code 40211
FLG_ERR_INV_PART1_VALUE**

Explanation: The value for the first part of an
MDIS object does not match the parent value.

Possible Extended Codes: None

**Reason code 40212
FLG_ERR_INV_PART2_VALUE**

Explanation: The value for the second part of
an MDIS object does not match the parent value.

Possible Extended Codes: None

**Reason code 40213
FLG_ERR_INV_PART3_VALUE**

Explanation: The value for the third part of an
MDIS object does not match the parent value.

Possible Extended Codes: None

**Reason code 40214
FLG_ERR_INV_PART4_VALUE**

Explanation: The value for the fourth part of an
MDIS object does not match the parent value.

Possible Extended Codes: None

**Reason code 40215   FLG_ERR_MDIS_WORK_
BUFFER_OVERFLOW**

Explanation: An MDIS file (configuration
profile file, tool profile file, or tag language file)
contains a value that is longer than the
maximum allowable size of internal work buffers
(32 700 bytes).

Possible Extended Codes: None

**Reason code 40216
FLG_ERR_MDIS_APPL_DATA_
TOO_LONG**

Explanation: The ApplicationData section of the
MDIS tag language file exceeds limits for the
Application data object type. The Application
data object type is limited to 10 properties of 32
700 bytes each.

Possible Extended Codes: None

Reason code 80000   FLG_SEVERR

Explanation: Place holder; indicates the beginning of the numeric range for severe errors.

Possible Extended Codes: None

Reason code 80002   FLG_SEVERR_NO_MEMORY

Explanation: The Information Catalog Manager is unable to allocate more memory.

Possible Extended Codes: None

Reason code 80003   FLG_SEVERR_MEM_ERROR

Explanation: One of the following occurred:

- A hardware memory interrupt occurred.
- Some corruption in the Information Catalog Manager heap prevents the Information Catalog Manager from allocating or deallocating memory.

Possible Extended Codes: None

Reason code 80004   FLG_SEVERR_NO_CSA

Explanation: Information Catalog Manager internal error.

Possible Extended Codes: None

Reason code 80005   FLG_SEVERR_APIDLL_FAILURE

Explanation: The API DLL is missing API calls, or the API DLL could not be loaded.

Possible Extended Codes: None

Reason code 80006   FLG_SEVERR_VIOPOPUP_FAIL

Explanation: The Information Catalog Manager is unable to display OS/2 character-based error messages using video input/output (VIO).

Possible Extended Codes: None

Reason code 80007   FLG_SEVERR_BIDIDLL_FAILURE

Explanation: The Information Catalog Manager encountered an error while loading the PMBIDI.DLL. This DLL is needed when the Information Catalog Manager runs on an Arabic or Hebrew machine.

Possible Extended Codes: None

Reason code 80008   FLG_SEVERR_DG2IFORDLL_ FAILURE

Explanation: A necessary DG2IFOR.DLL file was not found or is invalid. The Information Catalog Manager cannot continue.

Possible Extended Codes: None

Reason code 81000   FLG_SEVERR_STARTDBM_FAIL

Explanation: Unable to start the local database management system. Refer to your database documentation for an explanation of the SQLCODE.

Possible Extended Codes: None

Reason code 81001   FLG_SEVERR_STARTDB_FAIL

Explanation: Reserved

Possible Extended Codes: None

Reason code 81002   FLG_SEVERR_DB_ DISCONNECTED

Explanation: The database disconnected unexpectedly.

Possible Extended Codes: None

Reason code 81003   FLG_SEVERR_DB_ INCONSISTENT

Explanation: The Information Catalog Manager detected an inconsistency in the database.

Possible Extended Codes: None

Reason code 81004
       FLG_SEVERR_COMMIT_FAIL

Explanation: The commit call to the database failed.

Possible Extended Codes: None

Reason code 81005
       FLG_SEVERR_ROLLBACK_FAIL

Explanation: The rollback call to the database failed.

Possible Extended Codes: None

Reason code 81006
       FLG_SEVERR_NO_DBSPACE

Explanation: The database server has run out of space, or the file system is full.

Possible Extended Codes: None

Reason code 81007   FLG_SEVERR_DB_AUTO_ ROLLBACK_COMPLETE

Explanation: The Information Catalog Manager encountered a database error and rolled back any uncommitted changes to the database.

Check the extended code for the database SQLCODE that describes the error condition that caused the Information Catalog Manager to perform the rollback.

Possible Extended Codes: Database SQLCODE

Reason code 81008   FLG_SEVERR_DB_AUTO_ ROLLBACK_FAIL

Explanation: The Information Catalog Manager encountered a database error and attempted to roll back any uncommitted changes to the database, but this rollback failed.

Check the extended code for the database SQLCODE that describes the error condition that caused the Information Catalog Manager to perform the rollback.

The database might be in an inconsistent state and need to be recovered.

Possible Extended Codes: Database SQLCODE

Reason code 82000   FLG_SEVERR_INIT_FAIL

Explanation: The Information Catalog Manager encountered an unexpected condition, probably an OS/2 internal memory error, that prevents the Information Catalog Manager from running normally.

Possible Extended Codes: None

Reason code 82001
       FLG_SEVERR_TERM_FAIL

Explanation: The Information Catalog Manager encountered an unexpected condition, probably an OS/2 internal memory error, that prevents the Information Catalog Manager from releasing its allocated resources. The resources will be freed when the calling application session ends.

Possible Extended Codes: None

Reason code 82002
       FLG_SEVERR_TERM_FAIL_ CLOSE

Explanation: Reserved

Possible Extended Codes: None

Reason code 82200
       FLG_SEVERR_GETREG_FAILED

Explanation: Export calls FLGGetReg, which returned a severe error.

Possible Extended Codes: Reason code

Reason code 82201
       FLG_SEVERR_GETINST_FAILED

Explanation: Export calls FLGGetInst, which returned a severe error.

Possible Extended Codes: Reason code

Reason code 82202
          **FLG_SEVERR_LISTCONTACTS_
          FAILED**

Explanation: Export calls FLGListContacts,
which returned a severe error.

Possible Extended Codes: Reason code

Reason code 82203
          **FLG_SEVERR_NAVIGATE_
          FAILED**

Explanation: Export calls FLGNavigate, which
returned a severe error.

Possible Extended Codes: Reason code

**Reason code 82204 FLG_SEVERR_FREEMEM_
          FAILED**

Explanation: Export calls FLGFreeMem, which
returned a severe error.

Possible Extended Codes: Reason code

Reason code 82400
          FLG_SEVERR_THREAD_FAILED

Explanation: A severe error occurred while
creating the new thread, and the Information
Catalog Manager cannot continue.

Possible Extended Codes: None

Reason code 82500
          FLG_SEVERR_PARMS_MISSING

Explanation: The Information Catalog Manager
required system table is corrupted or missing.

Possible Extended Codes: None

Reason code 82501 FLG_SEVERR_DGEMPTY

Explanation: The Information Catalog Manager
database contains no registrations or object
types.The database is corrupted.

Recover the database using your backed-up
database files.

Possible Extended Codes: None

Reason code 82502
          **FLG_SEVERR_TYPE_WOUT_
          PROPERTY**

Explanation: No properties exist for the
specified object type, or the Information Catalog
Manager is unable to retrieve any properties.

Possible Extended Codes: None

Reason code 82503
          **FLG_SEVERR_MORE_THAN_
          ONE_KA**

Explanation: A security violation occurred;
more than one administrator is logged on at the
same time.

Possible Extended Codes: None

**Reason code 83000 FLG_SEVERR_SESSION_
          ABENDED**

Explanation: Reserved

Possible Extended Codes: None

Reason code 83001
          FLG_SEVERR_CDF_ERROR

Explanation: Reserved

Possible Extended Codes: None

Reason code 83002
          **FLG_SEVERR_INTERNAL_
          ERROR**

Explanation: Reserved

Possible Extended Codes: None

Reason code 84000
          FLG_SEVERR_DEMO_EXPIRED

Explanation: The evaluation period for IBM
Information Catalog Manager Administrator has
ended. Please contact the local software reseller
or your IBM representative to order the product.

Possible Extended Codes: None

Reason code 84101 FLG_SEVERR_DB_CONNECT_ FAILED

Explanation: Unable to connect to database. Refer to your database documentation for an explanation of the SQLCODE.

Possible Extended Codes: None

Reason code 84102 FLG_SEVERR_DB_BIND

Explanation: Unable to bind the to the information catalog. The Information Catalog Manager has encountered an unexpected database error or cannot find the bind file in the current directory or path.

Possible Extended Codes: None

Reason code 84103 FLG_SEVERR_INSAUTH_BIND

Explanation: You must have SYSADM authority to bind the to the information catalog.

Possible Extended Codes: None

Reason code 84104 FLG_SEVERR_CREATETAB

Explanation: Unable to create the Information Catalog Manager system table.

Possible Extended Codes: None

Reason code 84105 FLG_SEVERR_INSAUTH_GRANT

Explanation: You must have SYSADM authority to grant access to the information catalog.

Possible Extended Codes: None

Reason code 84106 FLG_SEVERR_ CREATECOLLECTION

Explanation: The Information Catalog Manager failed to create a DB2 UDB for AS/400 library collection.

Possible Extended Codes: None

Reason code 84107 FLG_SEVERR_ICON_NOT_ GENERATED

Explanation: The Information Catalog Manager has encountered a system error, or is unable to find the icon files or the executable file.

The Information Catalog Manager icons will not be generated.

Possible Extended Codes: None

Reason code 84108 FLG_SEVERR_DGCOL_ NOTEXIST

Explanation: You must create the DB2 UDB for AS/400 library collection, DATAGUID, before invoking this utility.

Possible Extended Codes: None

Reason code 84109 FLG_SEVERR_DB_NOTFOUND

Explanation: The Information Catalog Manager cannot find the specified database. Create the database if it does not exist. Then, register the remote database on your workstation.

Possible Extended Codes: None

Information Catalog Manager Messages FLG0001 — FLG0083

FLG0001W A selected wildcard, <wildcard>, is the same character used to indicate not-applicable values. This might affect the results of searches. Do you want to keep <wildcard> as a wildcard anyway?

Explanation: A character that you selected as a wildcard is the same character used to indicate a value that is neither applicable nor present. This message is asking if you want to keep that character as a wildcard anyway. If you do, the character will be treated as the wildcard, and not as a not-applicable value. This might affect the results of searches.

User Response: If you want to keep the character as a wildcard, click **Yes** in the message window. If not, click **No**.

FLG0003E The catalog name was entered incorrectly, or has not been registered yet.

Explanation: The Information Catalog Manager must be registered before you can use it. The information catalog might not have been registered correctly.

User Response: Use the Information Catalog Manager **Register** utility to register the information catalog. Ensure that the information catalog name is entered correctly.

FLG0004E Your user profile, <profile name>, is corrupted. The Information Catalog Manager must close.

Explanation: Your user registry became damaged either by an application, someone editing the registry, or by naming your information catalog FLGSETT.

User Response: If you are familiar with the REGEDIT tool, complete the **Administrator Response**; otherwise, contact your administrator for assistance.

Administrator Response:
1. At an MS-DOS prompt, change to the WINDOWS directory.

2. At the command prompt, enter: REGEDIT
3. Delete the section named `..\DGWIN\<profile name>.INI`, where <profile name> is the user profile name specified in the message text. Be careful when deleting information from the registry; deleting the wrong thing can affect other applications or your desktop.

    This will eliminate the problem; however, if the user profile file deleted is FLGSETT.INI, you will lose settings information. All other user profiles deleted will result in lost collections and saved searches.

FLG0005W The Information Catalog Manager cannot find the help file in the current directory or in the help path. Help will not be available, except for Product Information and Object Type Legend.

Explanation: The help file might have been deleted, renamed, or moved into another directory. As a result, the following **Help** menu choices will not be available:

> **Help index**
>
> **General help**
>
> **Using help**

Help will not be available when F1 is pressed.

You can continue running the Information Catalog Manager without these help features. If you cannot recover the help file, you can reinstall it.

FLG0006E This window could not be opened.

Explanation: Either too many windows are currently open, or there is an internal error.

User Response: Close some windows, and then open the desired window again. If this message appears again, administrator response is required.

Administrator Response: Contact IBM Software Support.

**FLG0007E   The Information Catalog Manager
has encountered an unexpected
error and must close. Reason code
is <reason code>. Presentation
manager code is <PM reason
code>.**

Explanation: A severe Windows error has
occurred.

User Response:

1. After the Information Catalog Manager
   closes, save the trace file by renaming it. (The
   trace file has the same name as the
   information catalog you are using, with an
   extension of TRC; it is located in the directory
   specified in DGWPATH.)

2. Open the Information Catalog Manager and
   try the action again. If the message appears
   again, administrator response is required.

Administrator Response: Make note of what
other applications were running when the
message appeared, and contact IBM Software
Support.

**FLG0008E   The <field name> field must be
filled in.**

Explanation: A required field has been left
empty.

User Response: Fill in the empty field and then
try the action again.

**FLG0009E   A collection with this name
already exists.**

Explanation: The same name cannot be used for
more than one collection.

User Response: Assign a different name to the
collection.

**FLG0010E   The database, <database name>,
has run out of storage. The
Information Catalog Manager
must close. Administrator action
is required. Reason code is
<reason code>.**

Explanation: The drive on which the
information catalog resides is full.

Administrator Response: Delete some files on
the drive, or move the information catalog to a
different drive.

**FLG0011E   A necessary Information Catalog
Manager file was not found or is
invalid. Administrator action is
required. Reason code is <reason
code>.**

Explanation: The file might have been
corrupted, deleted, renamed, or moved into
another directory.

Administrator Response: Close the Information
Catalog Manager, and then verify the following:

- In the AUTOEXEC.BAT file, LIBPATH specifies
  the directory that contains the Information
  Catalog Manager files.

- The DGWAPI.DLL and DGWCOM.DLL files
  are located within a directory specified in
  LIBPATH.

- DGWRES.DLL is in the directory specified by
  DGWPATH.

Open the Information Catalog Manager. If the
message appears again, close the Information
Catalog Manager and reinstall.

**FLG0012E   The Information Catalog Manager
trace facility has encountered an
internal error and must stop. The
trace file might not be complete.**

Explanation: The Information Catalog Manager
was unable to create the trace file, or system
limits have been reached. The trace file might not
be complete.

User Response:

1. Close the Information Catalog Manager, and then open the AUTOEXEC.BAT file.
2. Verify that the DGWPATH specifies an existing directory that contains the Information Catalog Manager files. If the DGWPATH is valid, then administrator response is required.

Administrator Response: Make note of the data that was being worked with when the message appeared, and contact IBM Software Support.

FLG0013E   An object in this window was previously deleted. Only part of the window could be printed or saved.

Explanation: After you opened this window, one or more objects were deleted by the administrator or a user with the authority to delete objects.

User Response:
1. Close the window.
2. Reopen the window.
3. Print or save the window contents.

FLG0014E   Too many actions were started or too many windows are open. When the Information Catalog Manager completes processing, you might need to close some windows.

Explanation: One of the following has occurred:

• Too many Information Catalog Manager actions were started at the same time, and the Information Catalog Manager cannot complete all the actions.

• Too many Information Catalog Manager windows are currently open, and the Information Catalog Manager cannot open any more.

User Response: As needed:

• Start fewer actions at one time, or start the action with fewer objects.

• When the Information Catalog Manager completes processing, close some windows.

FLG0015E   The Information Catalog Manager has encountered an unexpected error and must close. Administrator action is required. Reason code is <reason code>.

Explanation: The Information Catalog Manager is unable to free memory.

Administrator Response:

1. After the Information Catalog Manager closes, save the trace file by renaming it. (The trace file has the same name as the information catalog you are using, with an extension of TRC; it is located in the directory specified in DGWPATH.)
2. Contact IBM Software Support.

FLG0016W   The Information Catalog Manager cannot load icon file, <icon file name>. The default or previous icon file will be used.

Explanation: The icon file is the wrong format for your system, or it is damaged.

FLG0017E   A value for a property is invalid because it does not follow the timestamp format: <timestamp format>.

Explanation: The Information Catalog Manager cannot run the search, because the property contains a timestamp that does not follow the proper format.

User Response: Enter the timestamp in the correct format, and then try the search again.

FLG0018E   This search is no longer valid because the information catalog has been updated. None of the object types included in the criteria still exist.

Explanation: A search must specify at least one object type. All of the object types specified for this search no longer exist; therefore, the search is now invalid.

User Response: Delete the search or specify at

least one existing object type.

FLG0019E   Cannot use the selected icon file, because it resides on removable disk, <disk>.

Explanation: Icon files must reside on a non-removable disk.

User Response: Copy the icon file to a non-removable disk, and then click the **Find** push button to locate the icon file again.

FLG0020W   The Information Catalog Manager has encountered an unexpected help error. Help will not be available, except for Product Information and Object Type Legend.

Explanation: The Information Catalog Manager cannot access its help files. As a result, the following **Help** menu choices will not be available:

   Help index
   General help
   Using help
   Keys help

Help will not be available when you press F1. You can continue running the Information Catalog Manager without these help features.

User Response: You might be able to reaccess help by closing the Information Catalog Manager and reopening it. If you still cannot access these help features, you can reinstall all of the help files.

FLG0021E   This Information Catalog Manager session cannot use database <database name>, because it is already in use by another Information Catalog Manager session.

Explanation: The same information catalog cannot be used by more than one Information Catalog Manager session.

User Response: Close this Information Catalog Manager session and use the other session that is already connected to the information catalog.

FLG0022E   Cannot search because the combined length of all the values is too long. Shorten some values and try again.

Explanation: The length of all the values entered exceeds the maximum that the Information Catalog Manager can handle per search.

User Response: Shorten some values and try again.

FLG0023W   Tried to save a search for a newly created object type, <object type name>, but a search named <object type name> already exists. Save as <object type name> anyway?

Explanation: A new object type has been created, and the Information Catalog Manager is trying to save a search for all objects of this type. The name that Information Catalog Manager would automatically give to this search conflicts with a name of an existing saved search in your information catalog. This message is asking if you want to save the new search with the name anyway. If you do, you will lose the existing search.

User Response: If you want to save the search anyway, click **Yes** in the message window. If not, click **No**.

FLG0024W   The information catalog has been updated. To get current information, close and reopen the window, and then try again.

Explanation: Changes have been made to the information catalog. As a result, some information might not be current.

User Response: If, after closing and reopening the window, this message appears again, log off the Information Catalog Manager and then open

the Information Catalog Manager again.

FLG0025E   The string file, fblnstr.str, was not found or is invalid.

Explanation: The file might have been corrupted, deleted, renamed, or moved into another directory.

User Response: Reinstall the file.

FLG0026W   A search with this name already exists. Save as <search name> anyway?

Explanation: The same name cannot be used for more than one search. This message is asking if you want to save the search with the name anyway. If you do, you will lose the other search.

User Response: If you want to save the search, click **Yes** in the message window. If not, click **No**.

FLG0027W   Object <object name> was not moved into the collection, <collection name>, because the collection already contains the object.

Explanation: An object cannot appear more than once within a collection.

FLG0028E   The user ID or password is either not registered or not entered correctly

Explanation: This message can appear for one of the following reasons:

- You user ID might not have been registered.
- You entered the user ID or password incorrectly.

User Response:

- If the user ID or password was entered incorrectly, enter it again, and click **OK**.
- If the user ID or password has not been registered, administrator response is required.

Administrator Response: Register the user ID and password.

FLG0029W   Search results might have changed because Ignore Case is not supported by the current information catalog.

Explanation: Because Ignore Case is not available, the search will be case sensitive. Therefore, some objects that would normally appear in the search results might not appear.

FLG0031W   Object <object name> was not copied into the collection, <collection name>, because the collection already contains the object.

Explanation: An object cannot appear more than once within a collection.

FLG0032E   This number is reserved for help for the message file error.

Explanation: The message file might have been corrupted, deleted, renamed, or moved into another directory. Another possibility is that the message was not found in the message file.

User Response: Recover the message file, or install a new message file. If the message file cannot be recovered or reinstalled, administrator response is required.

Administrator Response: Contact IBM Software Support.

FLG0033E   The Information Catalog Manager has encountered an unexpected internal error and must close. Reason code is <reason code>. Extended code is <extended code>.

Explanation: An internal error has occurred.

User Response:

1. After the Information Catalog Manager closes, save the trace file by renaming it. (The trace file has the same name as the information catalog you are using, with an extension of TRC; it is located in the directory specified in DGWPATH.)

2. Open the Information Catalog Manager and try the action again. If this message appears again, administrator response is required.

Administrator Response: Make note of the data that was being worked with when the message appeared, and contact IBM Software Support.

FLG0034E **The Information Catalog Manager has encountered an unexpected database error and must close. Administrator action is required. SQL code is <SQL code>.**

Explanation: A database error has occurred.

Administrator Response: If you are using a DB2 for OS/2, DB2 UDB for AS/400, DB2 UDB for AIX, or DB2 UDB for Windows NT database, then look up the SQL code in the DB2 Universal Database *Message Reference*.

If you are using a DB2 for MVS/ESA database, then look up the SQL code in the DB2 Universal Database for OS/390 *Messages and Codes* book.

If the problem persists, or if you need additional assistance, recreate the problem with trace on, and then contact IBM Software Support.

FLG0035E **The Information Catalog Manager cannot access the database and must close.**

Explanation: The database connection has ended abnormally.

User Response: Depending on the type of connection, do one or more of the following, and then open the Information Catalog Manager:

- Check the physical connection to the LAN for both client and server.
- Verify that you are logged on to the LAN.
- Verify that your network protocol connection is still intact.

If, after trying the previous actions, this message appears again, administrator response is required.

Administrator Response: Depending on the type of connection, verify one or more of the

following, and then open the Information Catalog Manager:

- The database server is running.
- Other users can connect.
- The user's connection to the database server or LAN is intact.

FLG0036E **The Information Catalog Manager has encountered unexpected database damage and must close. Administrator action is required. Reason code is <reason code>. Extended code is <extended code>.**

Explanation: Information is missing from the information catalog, or there is an installation error.

Administrator Response: You will need to reinstall the Information Catalog Manager. If you have a recent backup of the information catalog, restore it. Otherwise, you might be able to import tag files of data to recreate the information catalog.

FLG0040E **No other collection has been created to move or copy objects into. Create another collection and then try again.**

Explanation: There is only one collection in your information catalog—the one from which you requested to copy or move objects. There are no other collections into which to copy or move these objects.

User Response: Create another collection by clicking **Catalog —> Create collection** from the menu bar in the Information Catalog Manager Catalog window, and then try again.

FLG0041E **Unable to close the file. Reason code is <reason code>.**

Explanation: The Information Catalog Manager cannot close the file.

User Response: Close the Information Catalog

Manager. This might cause Windows to close the file.

FLG0042E   **No collections have been created. Create a collection and then try again.**

Explanation: There are no collections in your information catalog into which to copy objects.

User Response: Create a collection by clicking **Catalog —> Create collection** from the menu bar in the Information Catalog Manager Catalog window, and then try again.

FLG0043E   **Unable to save as a file. Reason code is <reason code>.**

Explanation: The Information Catalog Manager might be unable to access the disk specified in the path of the file, or you might be attempting to write to an existing file that is write-protected.

User Response: Verify that you specified a valid disk drive. If you are attempting to write to an existing file, try writing to a new file instead.

FLG0044W   **The Information Catalog Manager cannot find icon file, <icon file name>. The default icon will be used.**

Explanation: The icon file might have been deleted, renamed, or moved into another directory.

FLG0045E   **Invocation syntax error: A value is required for <keyword>. Reason code is <reason code>.**

Explanation: The specified keyword requires a value.

User Response: Enter the command to open the Information Catalog Manager, using a valid value for the keyword. See the *Information Catalog Manager Administration Guide* for information on the correct syntax for invoking the Information Catalog Manager.

FLG0046E   **Invocation syntax error: <value> is not a valid keyword. Reason code is <reason code>.**

Explanation: The specified keyword is not valid.

User Response: Enter the command to open the Information Catalog Manager, using the correct keyword. See the *Information Catalog Manager Administration Guide* for information on the correct syntax for invoking the Information Catalog Manager.

FLG0047E   **Invocation syntax error: A required keyword is missing. Reason code is <reason code>.**

Explanation: Some keywords must be followed by other keywords.

User Response: Enter the command to open the Information Catalog Manager, using the missing keyword. See the *Information Catalog Manager Administration Guide* for information on the correct syntax for invoking the Information Catalog Manager.

FLG0048E   **The value entered for property <property name> is too long.**

Explanation: The Information Catalog Manager cannot run the search, because a property contains a value that exceeds the maximum length.

User Response: Shorten the value of the property, and then try the search again.

FLG0049W   **The <field> is invalid.**

Explanation: An entry in one of the fields is invalid.

User Response: Correct the entry in the field and then try the action again.

FLG0050E   **Unable to open the file. Reason code is <reason code>.**

Explanation: The Information Catalog Manager cannot open the file for writing.

User Response: Verify the following:

- The disk drive is accessible.
- You have write access to the disk.
- The disk is not full.
- The file is not read-only.

FLG0051E   The Information Catalog Manager must close because more memory is needed. You might need to close some other windows or applications.

Explanation: The Information Catalog Manager needs more memory for one of the following reasons:

- Too many applications are running.
- The Information Catalog Manager contains too many objects or object types.

User Response: After the Information Catalog Manager closes, close some other windows and applications and then open the Information Catalog Manager.

Administrator Response: Delete some objects or object types from the current Information Catalog Manager using the import function.

FLG0052E   The single character wildcard and multiple character wildcard must be different.

Explanation: You selected the same character in both the **Single character wildcard** and **Multiple character wildcard** fields.

User Response: Select a different character in one of the fields and then click **OK**.

FLG0053E   The Information Catalog Manager cannot start the program, <program name>. Administrator action is required. Reason code is <reason code>.

Explanation: There is an error in the program object, or your user environment does not include the program.

Administrator Response: Verify the following:

- The program runs successfully outside of the Information Catalog Manager.
- The program parameters specified in the PARMLIST property use the correct syntax.
- The program resides in the correct location.
- The length of expanded parameters does not exceed 245 characters.
- The program invocation name specified in the STARTCMD property is correct.

FLG0054E   You are not authorized to view this information. The Information Catalog Manager must close. Contact your administrator to gain proper authorization to the <database name> information catalog.

Explanation: You have not been authorized to access this information catalog.

User Response: Contact your administrator to gain proper authorization to the information catalog.

FLG0055W   This <search or collection> has been deleted from this information catalog in another Information Catalog Manager session. This object will be removed from your work area.

Explanation: The collection or search that you are trying to use has been deleted from another Information Catalog Manager session that uses the same information catalog and user ID as the current session.

When you delete a collection or search from one Information Catalog Manager session, that object is deleted for all sessions that use the same user ID and information catalog.

When you click **OK**, this object will be deleted from the current information catalog.

FLG0056W   Search results might have changed because Ignore Case is not supported by the current information catalog. Run the search anyway?

Explanation: Because Ignore Case is not available, the search will be case sensitive when it is run. This message is asking if you want to run the search anyway. If you do, some objects that would normally appear in the search results might not appear.

User Response: If you want to run the search anyway, click **Yes** in the message window. If not, click **No**.

FLG0057E   Cannot find the program, <program name>.

Explanation: The program object might not specify the correct path and file name, or might not specify the correct invocation parameters for the user's environment. The program might have been deleted, removed, or moved into another directory.

User Response: Verify that the path and file name specified in the program object are valid, that the program exists in your machine, and that the program runs outside of the Information Catalog Manager. If one of the above is not true, then administrator response is required.

Administrator Response: If the path and file name specified are invalid, then use the **Update Program** window to specify a valid path and file name for the program. If the program does not exist on the user's machine, then install the program.

FLG0058W   The Information Catalog Manager cannot find the help file in the current directory or in the help path. Help will not be available.

Explanation: The help file might have been deleted, renamed, or moved into another directory. As a result, the following **Help** menu choices will not be available:

Help index

General help

Using help

Keys help

User Response: You can continue running the Information Catalog Manager without these help features. If you cannot recover the help file, you can reinstall it.

FLG0059W   The number of subjects exceeds the maximum. <maximum number> of <total number> subjects will be displayed.

Explanation: The number of subjects in the information catalog exceeds the maximum number of subjects that can be displayed in the **Subjects** window.

FLG0060E   The Information Catalog Manager cannot start <program name>. Either the program does not run on Microsoft Windows or the program is not available on your system.

Explanation: The program object might not specify the correct path and file name, or might not specify the correct invocation parameters for the user's environment. The program might have been deleted, removed, or moved into another directory.

User Response: Verify that the path and file name specified in the program object are valid, that the program exists in your machine, and that the program runs outside of the Information Catalog Manager. If one of the above is not true, then administrator response is required.

Administrator Response: If the path and file name specified are invalid, then use the **Update Program** window to specify a valid path and file name for the program. If the program does not exist in the user's machine, then install the program.

FLG0061E   The Information Catalog Manager has encountered an unexpected Windows error and must close.

Explanation: A severe Windows error has occurred.

User Response: After the Information Catalog Manager closes, rename the trace file. (The trace file has the same name as the database you are using, with an extension of TRC; it is located in the directory specified in DGWPATH.)

Open the Information Catalog Manager. If the message appears again, then administrator response is required.

Administrator Response: Make note of what other applications were running when the message appeared, and contact IBM Software Support.

FLG0064E   The data you entered contains special characters that the Information Catalog Manager does not support.

Explanation: The text you entered contains some special characters that the Information Catalog Manager does not support.

User Response: Enter the text without the characters and try the action again.

FLG0065E   <file name> is not an icon file. The Information Catalog Manager will use the default icon file.

Explanation: The file name specified is not an icon file or is not in Windows icon format.

User Response: Enter another icon file name.

FLG0066W   The Information Catalog Manager cannot continue tracing because the disk specified in DGWPATH is full. The Information Catalog Manager trace has been turned off.

Explanation: The Information Catalog Manager cannot write any more information in the trace

file because the disk drive containing the trace file is full. The disk drive is specified in the DGWPATH statement in the AUTOEXEC.BAT file.

User Response: To start trace again, erase some files on the specified disk and restart the Information Catalog Manager.

FLG0067E   The number of objects you selected to copy or move to a collection exceeds the limit of 1600 objects. The <collection name> collection already contains <number> objects. The Information Catalog Manager did not copy or move any objects.

Explanation: An information catalog collection can contain only 1600 objects. The collection you specified might already contain some objects. The Information Catalog Manager did not copy or move any of the objects that you selected to the collection.

User Response: Select fewer objects and try again.

FLG0068W   Print driver is invalid. Please select a different printer.

Explanation: The print driver for the printer you selected is not a valid driver.

User Response: Select a different printer from the **Printer** list. You might need to re-install print drivers.

FLG0069I   The print job was created successfully and routed to the printer.

FLG0070E   The printer is unavailable. Please select a different printer.

Explanation: The printer is not available. The printer's power might be turned off, or, if the printer resides on a LAN, your workstation might not be connected to the network.

User Response: Do one of the following:

- Select a different printer from the **Printer** list.
- Ensure that the printer you selected is turned on.
- Ensure that your workstation is connected to the network if the printer you selected is attached to a LAN.

FLG0071E   An internal error occurred, and the Information Catalog Manager was unable to create the print job.

Explanation: The system might have run out of memory or another problem might have occurred.

User Response: You must shut down and reboot your workstation.

FLG0072E   Invocation syntax error: A value is required or invalid for <keyword>. Reason code is <reason code>.

Explanation: The specified keyword requires a value.

User Response: Enter the command to create an information catalog, entering a valid value for the keyword. See the *Information Catalog Manager Administration Guide* for more information.

FLG0073I   The print job was canceled.

FLG0074W   The selected font is too large or unavailable.

Explanation: The selected font is too large or unavailable.

User Response: Select a different font and try printing again.

FLG0075E   You did not create <name of comment>. You are not authorized to delete comments you did not create.

Explanation: You cannot delete a comment that you did not create.

User Response: If you want to delete the

comment, you must contact one of the following people who can delete the comment:

- The creator of the comment.
- An information catalog user who has been authorized to perform additional tasks for this information catalog.
- Your information catalog administrator.

FLG0076E   The printer is unavailable or disconnected.

FLG0077I   The system is unable to find an installed printer.

FLG0078I   The printer is out of paper or disconnected. Refresh the printer's paper supply and check printer connection.

FLG0079E   Your code page is not supported by the database. See your database documentation for a list of valid code pages.

Explanation: The database does not support the code page defined in your AUTOEXEC.BAT file.

User Response:

1. Check your database documentation to determine which code page is valid for your environment.

2. Define the valid code page in your AUTOEXEC.BAT and reboot your system.

   You might need operating system diskettes to add the support for a new code page.

FLG0080E   Unable to complete action because the database was too busy. Try again later.

Explanation: The action you requested did not complete because the database was processing too many other requests.

User Response:

1. Check with others to ensure that the error occurred because many people are requesting

database updates at once or while the administrator was importing a tag file.

2. Try again at a less busy time.

FLG0081W   **Object types have been updated. To get current information, click Catalog —> Refresh in the information catalog window, then try again.**

Explanation: Object types have changed in the information catalog. As a result, some information might not be current.

User Response:

1. Click **Catalog —> Refresh** from the menu bar in the information catalog window.

   All open windows except for the information catalog window and the Import window will close.

2. Open the windows necessary to return to the point at which you received the message, and try again.

FLG0082E   **A comment with the same name, creator, and creation date already exists.**

Explanation: The same combination of name, creator, and creation date cannot be used for

more than one comment.

User Response:

1. Close the Create Comment, Copy Comment, or Update Comment window.

2. Reopen the window.

3. Enter a different name for the comment in the **Name** field.

FLG0083E   **You do not have a valid license for the IBM Information Catalog Manager Initialization utility. Please contact your local software reseller or IBM marketing representative.**

Explanation: You are attempting to use the Information Catalog Manager Initialization utility without a valid license.

User Response: You must purchase the DB2 Warehouse Manager or the IBM DB2 OLAP Server and install the Information Catalog Manager component which includes Information Catalog Initialization utility.

Information Catalog Manager Messages FLG0200 — FLG0273

FLG0200E   **The short name specified for the object type is invalid.**

Explanation: The short name specified for the object type contains invalid characters. The rules for the short name are:

- 8 character (SBCS) maximum
- First character must be uppercase or lowercase English alphabetic, @ (at sign), # (number sign), or $ (dollar sign).
- Subsequent characters must be uppercase or lowercase English alphabetic, 0 through 9, @ (at sign), # (number sign), $ (dollar sign), or _ (underscore).

User Response: Enter a valid short name according to the syntax.

FLG0201E   **The short name specified for the property, <short name>, is invalid.**

Explanation: The short name specified for the property contains invalid characters. The rules for property short names are:

- 8 character (SBCS) maximum
- First character must be uppercase or lowercase English alphabetic, @ (at sign), # (number sign), or $ (dollar sign).

- Subsequent characters must be uppercase or lowercase English alphanumeric, @ (at sign), # (number sign), $ (dollar sign), or _ (underscore).
- It must not be an SQL reserved word.
- It must be unique; if you type a name that already exists in this object type, the Information Catalog Manager asks you for another name.

User Response: Enter a valid short name according to the syntax.

FLG0202E   Cannot access icon file <icon file>. Reason code is <reason code>.

Explanation: An error occurred in accessing the icon file.

User Response: Look up the reason code in the *Information Catalog Manager Reason Codes* section of the *Message Reference* to find out the cause of the problem.

FLG0203E   In order to specify invocation parameters, the program must be associated with an object type.

Explanation: You specified invocation parameters, but did not associate an object type with the program.

User Response: Either associate an object type with the program, or do not specify invocation parameters.

FLG0205E   User <user ID> does not have administrator authorization.

Explanation: The user specified in the Open Information catalog window is not authorized to log on as an administrator.

User Response: Log on without the administrator function (without the /ADMIN parameter).

FLG0206E   An administrator is already logged on.

Explanation: At any given time, only one user can be logged in as an administrator.

User Response: Log on without the administrator function (without the /ADMIN parameter). Or wait until the current administrator has closed this information catalog, and then log on as an administrator.

FLG0207E   The Information Catalog Manager table in the database has been corrupted with multiple active administrator flags.

Explanation: The database has been corrupted, and multiple active administrator flags were found in the Information Catalog Manager system table.

User Response: Run the CLEARKA utility (see the *Information Catalog Manager Administration Guide*).

FLG0212E   A property in the parameter list is not a property of the associated object type, or the parameter list does not follow the correct format.

Explanation: You entered incorrect parameters, or your parameter list does not follow the correct format.

Only properties of the associated object type can be used as parameters.

The correct format for the parameter list is as follows:
- All parameters are surrounded by percent signs (for example, %NAME%).
- Literal percent signs are entered as two percent signs (%%).

User Response: Verify that all text surrounded by percent signs are short names of properties of the associated object type.

Modify the parameter list so that it follows the format.

FLG0213E   The Information Catalog Manager has encountered an unexpected database error and must close. Changes to the information catalog will not be made.

Explanation: A commit or rollback operation could not be processed successfully because of a system error. The Information Catalog Manager is not permitted to issue additional SQL statements.

Administrator Response:

1. Terminate all applications using the database.

2. Restart the database. If recovery is not possible, restore the database from a backup copy.

FLG0214E   Value for property <property number> must follow timestamp format: <timestamp format>.

Explanation: The Information Catalog Manager cannot create or update the object, because a property contains a timestamp that does not follow the proper format.

User Response: Enter the timestamp so that it follows the format, and then try the search again.

FLG0215E   The object type to be associated with the program does not exist.

Explanation: Programs can only be associated with existing, non-Program category object types.

User Response: Associate the program with an existing object type.

FLG0216E   This object type cannot be associated with the program.

Explanation: Programs can only be associated with existing, non-Program category object types.

User Response: Associate the program with a non-Program category object type.

FLG0217E   The combined length of all the non-LONG VARCHAR properties is too long. Shorten some properties and try again.

Explanation: There is a limit on the combined length of all CHAR, VARCHAR, and TIMESTAMP properties for an object type. This limit varies, depending upon the environment.

User Response: Shorten some properties and then try again.

FLG0218E   The icon specified for the object type cannot be used because it exceeds the maximum size of <maximum size> bytes.

Explanation: The icon you specified for the object type cannot be used because it exceeds the maximum size.

User Response: Specify a smaller icon to use for the object type.

FLG0219E   Blanks are not permitted in the short name.

Explanation: The short name begins with a blank, or contains blanks between non-blank characters.

User Response: Remove the invalid blanks.

FLG0220E   The specified path or file name is invalid. Reason code is <reason code>.

Explanation: The Information Catalog Manager was unable to access the path and file name that you specified.

User Response: Look up the reason code in the *Information Catalog Manager Reason Codes* section of the *Message Reference* to find out the cause of the problem.

FLG0221E   The checkpoint for the import file was not found.

Explanation: A checkpoint tag was not found in the import file.

User Response: Import the file from the beginning by clicking **Start at beginning**.

FLG0222W   The specified user ID already exists.

Explanation: The specified user ID was added previously.

User Response: Verify the user ID you are attempting to add. If you misspelled the user ID, correct the spelling and try adding it again.

FLG0223W   The Export window is already open. Complete or cancel the export from this window before beginning another.

Explanation: Only one **Export** window can be opened at a time.

FLG0224W   There is nothing in the tag language file to import.

Explanation: The tag language file you asked to import has no valid tags.

FLG0225E   Object <object name> cannot be deleted, because it has contents.

Explanation: An object can only be deleted if it does not contain other objects.

User Response: If you want to delete the object, you must first remove the objects it contains. Select **Update Grouping** from the object's pop-up menu.

FLG0226W   This property is currently a part of the UUI. If the property is removed, you might need to redefine the UUI before creating the object type. Remove anyway?

Explanation: A property you requested to be removed is currently a part of the UUI.

User Response: If you want to remove the property , click **Yes** in the message window. You might need to reassign a property to the affected UUI part in the Define UUI window.

FLG0227E   At least one part must be filled in.

Explanation: No UUI parts were specified in the Define UUI window.

User Response: Select a property for at least UUI Part 1.

FLG0228E   One or more required parts are missing. For a <number>-part UUI definition, parts 1 through <number> must be filled in.

Explanation: When specifying UUI parts, you cannot skip a part. For example, in a 4-part UUI, none of the parts from 1 to 4 can be specified as <none>.

User Response: Fill in the part or parts that were incorrectly specified as <none>.

FLG0229E   The same property cannot be used for more than one part.

Explanation: A property was used for more than one UUI part.

User Response: Change one of the duplicated parts.

FLG0230E   A short name specified for a property is invalid, because it is a word reserved for use by the database.

Explanation: A short name you specified for a property is a word reserved for use by the database.

User Response: Refer to your database reference for information about reserved words.

FLG0231E   The object type must have a UUI definition before it can be created.

Explanation: In order to create the object type, you must define the properties that will be used to generate unique universal identifiers (UUIs).

User Response: Click **Define UUI** to define the UUI.

FLG0232E   The UUI definition is no longer valid because a UUI property has been removed or modified. The UUI must be redefined before the object type can be created.

Explanation: A property specified in the UUI definition has been removed or its data type changed. As a result, the UUI definition is now invalid.

User Response: In the Define UUI window, select a new property for the affected UUI part.

FLG0233E   The object type has <number> more properties than the allowed maximum.

Explanation: The number of properties for the object type has exceeded the limit.

User Response: Remove the number of properties indicated in the message, and then try again.

FLG0234E   An object type cannot have more than <number> properties with a data type of LONG VARCHAR. Remove or change the data type of at least <number> LONG VARCHAR properties.

Explanation: The number of properties with a data type of LONG VARCHAR has exceeded the limit.

User Response: Remove some LONG VARCHAR properties or change the data type, and then try again.

FLG0235E   The Information Catalog Manager failed. Reason code is <reason code>. Extended code is <extended code>.

Explanation: A failure has occurred in the Information Catalog Manager.

User Response: Look up the reason code and extended reason code in the *Information Catalog Manager Reason Codes* section of the *Message Reference* to find out the cause of the problem.

FLG0236E   Cannot delete the <object type name> object type, because existing <object type name> objects contain objects of a different object type.

Explanation: An object type can be deleted only if no objects of that type contain objects of another object type.

User Response:
- Delete objects that contain objects of a different object type.
  1. Right click on each of the objects that you want to delete and click **Delete** from the pop-up menu.
  2. In the Delete Tree window that opens, select the **Delete all underlying objects** check box.
  3. Click **Delete**.
- Delete all objects of a different object type contained within objects of the object type you want to delete.
  1. Right click on each of the objects that you want to delete and click **Delete** from the pop-up menu.
  2. In the Delete window that opens, click **Delete**.

FLG0237E   <object> cannot both contain and be contained in <grouping object>. Remove <object> from the Objects in grouping box and click Update again.

Explanation: An object cannot contain and be contained in the same object.

User Response: If you were adding other objects to the grouping or removing objects from it, to complete updating the grouping:
1. Remove the indicated object for the **Objects in grouping** box.
2. Click **Update** .

If you want to add the indicated object to the grouping, you must first remove the grouping from the object. Click **Update Grouping** from the object's pop-up menu.

FLG0238E   **The number of changes has exceeded the maximum of 600. All changes made before the maximum was reached will be made.**

Explanation: You have made more changes than can be made to the information catalog at one time. Only changes made before the maximum was reached will take effect.

User Response: After the changes are made to the information catalog, enter the unsaved changes again.

FLG0239E   **The UUI for this object is the same as the UUI for another object. Change the value of at least one of the properties used in the UUI.**

Explanation: Multiple objects cannot have the same UUI.

User Response: Change the value of at least one of the properties used in the UUI.

FLG0240E   **The short name specified for the object type is invalid because it is a word reserved for use by the database.**

Explanation: A short name specified for an object type is a word reserved for use by the database.

User Response: Refer to your database reference for information about reserved words.

FLG0241E   **A property named <property name> already exists.**

Explanation: Names of properties must be unique within an object type.

User Response: Assign a different name to the duplicated property.

FLG0242E   **A property with a short name of <short name> already exists.**

Explanation: Short names of properties must be unique within an object type.

User Response: Assign a different short name to the duplicated property.

FLG0243E   **The size entered for this property is invalid. For the selected data type (<data type>), the size must be in the range of 1 to <maximum length>.**

Explanation: The size entered for the property is not in the valid range indicated in the message.

User Response: Enter a valid size for the property based on the range.

FLG0244W   **This property is currently a part of the UUI. If the property is modified to be optional, it can no longer be used as a UUI part. Modify anyway?**

Explanation: The property that you want to specify as optional is currently a part of the UUI. If this property becomes optional, then it can no longer be a UUI part. This message is asking if you want to modify the property. If you do, you will need to select another property to replace this property in the UUI.

User Response: If you want to modify , click **Yes** in the message window. If not, click **No**.

FLG0245W   **This property is currently a part of the UUI. If the data type is modified to LONG VARCHAR, it can no longer be used as a UUI part. Modify anyway?**

Explanation: The property that you are asking to change to a data type of LONG VARCHAR is currently a part of the UUI. If the data type of this property becomes LONG VARCHAR, then it can no longer be a UUI part. This message is asking if you want to modify the property. If you

do, you will need to select another property to replace this property in the UUI.

User Response: If you want to modify, click **Yes** in the message window. If not, click **No**.

FLG0246E   **An object type with a short name of <short name> already exists.**

Explanation: Short names of object types must be unique.

User Response: Assign a different short name to the object type.

FLG0247E   **An object type named <object type name> already exists.**

Explanation: Within an information catalog, names of object types must be unique.

User Response: Assign a different name to the object type.

FLG0248W   **A search cannot be defined because there are no objects categorized as Grouping or Elemental.**

Explanation: Only objects categorized at Elemental and Grouping can be added to a grouping. None currently exist in the information catalog.

FLG0249W   **A search cannot be defined because there are no objects categorized as Contact.**

Explanation: Only objects categorized as Contact can be added to an object as a Contact. None currently exist in the information catalog.

FLG0250E   **The Information Catalog Manager has run out of system identifiers. No more objects or object types can be created.**

Explanation: Whenever an object or object type is created, the Information Catalog Manager assigns a unique number as a system identifier. The Information Catalog Manager has reached the maximum number used for system identifiers.

User Response: See the *Information Catalog Manager Administration Guide* for more information.

FLG0252E   **The command to invoke the program does not follow the correct format.**

Explanation: The property value specifying the command to invoke the program is invalid. The invocation command must be the last parameter and must be a full file name and extension.

User Response: Enter a valid property name using the correct format.

FLG0253W   **The specified user ID is already registered.**

Explanation: The specified user ID was registered previously.

User Response: Verify the user ID you are attempting to register. If you misspelled the user ID, correct the spelling and try registering it again.

FLG0254E   **The Information Catalog Manager cannot find icon file, <icon file>.**

Explanation: The path and file name might have been entered incorrectly, or the icon file might not exist.

User Response: Click **Find** and enter a valid path and file name.

FLG0255E   **The disk drive specified for <field name> is either invalid or not available.**

Explanation: You specified a nonexistent drive, or a drive that is not ready.

User Response: Make the specified drive ready by inserting a diskette or CD-ROM, or specify a different drive.

FLG0256E   **Unable to open file <file name>. Reason code is <reason code>.**

Explanation: An error occurred while opening the file.

User Response: Look up the reason code in the *Information Catalog Manager Reason Codes* section of the *Message Reference* to find out the cause of the problem.

FLG0257E   **Unable to write to file <file name>. Reason code is <reason code>.**

Explanation: An error occurred while writing to the file.

User Response: Look up the reason code in the *Information Catalog Manager Reason Codes* section of the *Message Reference* to find out the cause of the problem.

FLG0258E   **The Information Catalog Manager cannot start the import because the path and file name generated for the echo file is too long. Specify a shorter path for the log file, or rename the import tag file.**

Explanation: When importing, the Information Catalog Manager creates an echo file, which you can use for diagnosing import problems. The path of the echo file is always the same path as the log file. The file name of the echo file defaults to the same name as the import file, with an extension of .ech.

In this case, the length of the echo file's path and file name exceeds the maximum.

User Response: To continue this import, you need to either shorten the path of the log file or shorten the echo file name.

To change the path of the log file, modify the **Log path and filename** field in the **Import** window.

To rename the echo file, use the **rename** command from a command prompt.

FLG0259E   **An error occurred while the database was being changed. The Information Catalog Manager must close. The database has been left in stable condition. SQL code is <SQL code>.**

Explanation: An error occurred within the API during a creation, update, or deletion of an object type. The error caused a rollback of the information catalog. The information catalog is in stable condition, but no changes were made.

User Response:

1. Verify that the database server is currently available and running properly.

2. Run the CLEARKA command to clear the Information Catalog Manager administrator from the information catalog.

3. Start the Information Catalog Manager and make the change to the information catalog again. If the change cannot be made, the information catalog might need to be restored.

FLG0260E   **An error occurred while the database was being changed. The Information Catalog Manager must close. The database might not be in stable condition. SQL code is <SQL code>.**

Explanation: An error occurred within the API during a creation, update, or deletion of an object type. The error caused a rollback of the information catalog, which failed. The information catalog is in stable condition, but no changes were made.

User Response:

1. Verify that the database server is currently available and running properly.

2. Run the CLEARKA command to clear the Information Catalog Manager administrator from the information catalog.

3. Start the Information Catalog Manager and make the change to the information catalog

again. If the change cannot be made, the information catalog might need to be restored.

FLG0261I Delete history successfully transferred to a tag language file.

FLG0262I Logging of delete history disabled.

FLG0263I Logging of delete history enabled.

FLG0264I Delete history managed successfully.

FLG0265I Are you sure you want to delete from the information catalog the object type and all its underlying object instances?

FLG0266W The user ID <user ID> contains an invalid character.

Explanation: The specified user ID contains an embedded blank or some other invalid character.

User Response:

- Remove the embedded blank in the user ID.
- Refer to your database documentation for valid characters for user IDs and remove any invalid characters from the specified user ID.

FLG0267W You cannot add more users without first clicking OK in the Manage Information Catalog Users window.

Explanation: You cannot add more than 100 users at a time.

User Response:

1. Click **OK** to add the 100 users already specified.
2. Continue adding users in groups of 100, clicking **OK** to add each group.

FLG0269W <number of objects not moved> objects cannot be moved.

Explanation: Objects cannot be moved because you attempted to do one of the following:

- Associate or link an object with itself.
- Add an object to a list of linked objects, Comments objects, or Contact objects, or to a grouping where the object already exists.
- Attach a Comments object to another object when you do not have authority to do so, because you did not create the Comments object.

FLG0270W You are not authorized to update comments you did not create.

Explanation: You do not have authority to update this comment because you did not create it, or you do not have authority to update the information catalog.

FLG0271W Status field value for this comment is no longer a valid choice. Choose a different status value from the list.

Explanation: You specified a comment status value that is no longer valid. Status values are defined by your information catalog administrator and appear in the **Status** list. Your information catalog administrator might have changed the valid status values since the last time you entered a value.

User Response: Select a new comment status value from the **Status** list.

FLG0272W This property is currently a part of the UUI. If the size of the property is modified to be greater than 254 characters, it can no longer be used as a UUI part. Modify anyway?

Explanation: You tried to modify the size of a property that is defined to be a UUI property. The maximum value of a UUI part is 254 characters, so if you modify the value it can no longer be used as a UUI part.

User Response: Click **OK** to modify the property.

FLG0273E   You must enter a search value for the selected search option.

Explanation: You did not specify a value in the **Enter value for selected property** field. A value is required when you select the **Matching exactly** search option.

User Response:

1. Enter a value that you want to search for. The Information Catalog Manager will search for the value exactly as you typed it in the **Enter value for selected property** field.

2. Try your search again.

Information Catalog Manager Messages FLG0301 — FLG0800

FLG0301E   Null input parameter: <sequence number>.

Explanation: One of the parameters required by the issued command or API call is null. The number specifies the position of the parameter that is null.

User Response: Specify a valid value for this parameter.

FLG0302E   Must have administrator authorization to run this function.

Explanation: Only an administrator or authorized user can export the information catalog .

User Response:

- Open the information catalog as an administrator.
- Ask your administrator to enhance your authorization so that you can export information.
- Ask your administrator to export the information you need.

FLG0303E   Information Catalog Manager API error while processing the input structure.

Explanation: The Information Catalog Manager encountered an error while processing the input structure for the FLGExport API call.

User Response: Check for the following input structure errors:

- The definition length in the header area might be incorrect.
- The object length in the header area might be incorrect.
- The input structure might contain null characters.

FLG0304E   Type ID does not exist.

Explanation: The object type ID, specified in bytes 0-5 of the FLGID value in the FLGExport input structure, does not exist in the information catalog.

User Response: Make sure that the object type ID is specified correctly.

FLG0305E   Value for property <sequence number> is too large.

Explanation: The size of the property value exceeds the data length specified in the property definition.

User Response: Define the property value with a length less than the defined data length.

FLG0306I   Export completed successfully.

FLG0307I   Export completed with warnings.

FLG0308I   Export terminated with errors.

FLG0309I   Export terminated with severe errors.

FLG0310W   Cannot export icons because no icon path was specified.

Explanation: The target icon path for exported icon files was not specified. No icon files were exported.

User Response: If you want to export icon files, specify a target directory path.

FLG0311W   CONTAINEE-IND for object <object name> was ignored because the object is not of category Grouping.

Explanation: The value for CONTAINEE-IND is set to Y in the input structure for an object that is not a Grouping object.

The export function ignores the CONTAINEE-IND value and continues.

FLG0312W   CONTACT-IND for object <FLGID> was ignored because the object is not of category Grouping or Elemental.

Explanation: The CONTACT-IND value was ignored for an object because that object is not a Grouping or Elemental object.

The CONTACT-IND value specifies whether to export all the Contact objects of an object.

FLG0313E   Error in export input structure: Input must start with FLG-HEAD.

Explanation: The data structure specified as input for the FLGExport API call did not start with FLG-HEAD.

User Response: Specify FLG-HEAD in bytes 0-7 of the input structure header area.

FLG0314E   Error in export input structure: Invalid definition length in header area.

Explanation: The definition area length in the header area of the input structure for FLGExport is invalid.

The length of the definition area required as input by FLGExport is always 800.

User Response: Specify 800 for the definition area length in bytes 8-15 of the header area.

FLG0315E   Error in export input structure: Invalid object area length in header area.

Explanation: The object area length in the header area of the input structure for FLGExport is invalid.

The total length of the three property values required for an object instance is 20. Therefore, the object area length must be a multiple of 20 (20 times the number of object instances).

User Response: Specify a value that is a multiple of 20 for the object length area in bytes 16-23 of the header area.

FLG0316E   Error in export input structure: Invalid object count in header area.

Explanation: The object area count in the header area of the input structure for FLGExport is invalid.

Five properties are required for each object instance specified. Therefore, the object area count must be a multiple of 5 (five times the number of object instances).

User Response: Specify a value that is a multiple of 5 for the object area count in bytes 24-31 of the header area.

FLG0317E   Error in export input structure: Invalid property type specified for property <sequence number>. Only CHAR is a valid property type.

Explanation: The property data type specified for the indicated property in the definition area is invalid.

In the input structure for FLGExport, the only valid property data type is CHAR. Any other property data type is invalid.

User Response: Specify CHAR as the property data type for the indicated property.

FLG0318E   Error in export input structure: case-sensitivity (cs) flag must be blank for property <sequence number>.

Explanation: The case-sensitivity (cs) flag in the definition area of the input structure must be blank for the indicated property.

This flag is not valid when used with the FLGExport API call.

User Response: Set the value of byte 128 in the definition for the indicated property to a blank.

FLG0319E   Error in export input structure: UUI sequence (us) flag must be blank for property <sequence number>.

Explanation: The universal unique identifier sequence (us) flag in the definition area of the input structure must be blank for the indicated property. The extended code contains the sequence number of the property with the non-blank us flag.

The UUI sequence (us) flag indicates the property's sequence in the UUI and is not valid when used with the FLGExport API call.

User Response: Set the value of byte 127 in the definition for the indicated property to a blank.

FLG0320E   Error in export input structure: Fuzzy search (fs) flag must be blank for property <sequence number>.

Explanation: The fuzzy search (fs) flag in the definition area of the input structure must be blank for the indicated property.

The fs flag is not valid when used with the FLGExport API call.

User Response: Set the value of byte 129 in the definition for the indicated property to a blank.

FLG0321E   Error in export input structure: Value flag (vf) must be blank for property <sequence number>.

Explanation: The value flag (vf) in the definition area of the input structure must be blank for the indicated property.

The value flag indicates whether a value is optional, required, or system-generated, and is not valid when used with the FLGExport API call.

User Response: Set the value of byte 126 in the definition for the indicated property to a blank.

FLG0322E   Error in opening tag language file. Reason code is <reason code>.

Explanation: The Information Catalog Manager encountered an error while opening the tag language file for the exported data.

User Response: See the *Information Catalog Manager Reason Codes* section of the *Message Reference* for an explanation of the reason code.

FLG0323E   Error in closing tag language file. Reason code is <reason code>.

Explanation: The Information Catalog Manager encountered an error while closing the tag language file that contains the exported data.

You might not be able to use the exported tag language file.

User Response: See the *Information Catalog Manager Reason Codes* section of the *Message Reference* for an explanation of the reason code.

FLG0324E   Error in writing to tag language file. Reason code is <reason code>.

Explanation: The Information Catalog Manager encountered an error while writing to the tag language file for the exported data.

You might not be able to use the exported tag language file.

User Response: See the *Information Catalog*

Manager Reason Codes section of the *Message Reference* for an explanation of the reason code.

FLG0325E **Error in opening log file. Reason code is <reason code>.**

Explanation: The Information Catalog Manager encountered an error while opening the export log file.

User Response: See the *Information Catalog Manager Reason Codes* section of the *Message Reference* for an explanation of the reason code.

FLG0326E **Error in closing log file. Reason code is <reason code>.**

Explanation: The Information Catalog Manager encountered an error while closing the export log file.

User Response: See the *Information Catalog Manager Reason Codes* section of the *Message Reference* for an explanation of the reason code.

FLG0327E **Error in writing to log file. Reason code is <reason code>.**

Explanation: The Information Catalog Manager encountered an error while writing to the export log file.

User Response: See the *Information Catalog Manager Reason Codes* section of the *Message Reference* for an explanation of the reason code.

FLG0328W **Warning in retrieving information for object type <object type identifier>. Reason code is <reason code>. Extended code is <extended code>.**

Explanation: The Information Catalog Manager encountered a warning while retrieving registration information for the indicated object type.

User Response: See the *Information Catalog Manager Reason Codes* section of the *Message Reference* for an explanation of the reason code.

Check the exported tag language file to make

sure that this warning does not affect its content.

FLG0329W **Warning in retrieving information about object <FLGID>. Reason code is <reason code>. Extended code is <extended code>.**

Explanation: The Information Catalog Manager encountered a warning while retrieving information for the indicated object.

User Response: See the *Information Catalog Manager Reason Codes* section of the *Message Reference* for an explanation of the reason code.

Check the exported tag language file to make sure that this warning does not affect its content.

FLG0330W **Warning in retrieving contacts for object <FLGID>. Reason code is <reason code>. Extended code is <extended code>.**

Explanation: The Information Catalog Manager encountered a warning while retrieving information for the indicated object.

User Response: See the *Information Catalog Manager Reason Codes* section of the *Message Reference* for an explanation of the reason code.

Check the exported tag language file to make sure that this warning does not affect its content.

FLG0331W **Warning in retrieving containees for object <FLGID>. Reason code is <reason code>. Extended code is <extended code>.**

Explanation: The Information Catalog Manager encountered a warning while retrieving objects contained by the indicated object.

User Response: See the *Information Catalog Manager Reason Codes* section of the *Message Reference* for an explanation of the reason code.

Check the exported tag language file to make sure that this warning does not affect its content.

FLG0332E   **Unable to retrieve information for object type <object type identifier>. Reason code is <reason code>. Extended code is <extended code>.**

Explanation: The Information Catalog Manager was unable to retrieve information about the indicated object type.

You might not be able to use the exported tag language file.

User Response: See the *Information Catalog Manager Reason Codes* section of the *Message Reference* for an explanation of the reason code.

FLG0333E   **Unable to retrieve information about object. UUI: <part 1>, <part 2>, <part 3>, <part 4>, <part 5>. Reason code is <reason code>. Extended code is <extended code>.**

Explanation: The Information Catalog Manager was unable to retrieve information about the object identified by the UUI.

User Response: See the *Information Catalog Manager Reason Codes* section of the *Message Reference* for an explanation of the reason code.

FLG0334E   **Unable to retrieve contacts for object <FLGID>. Reason code is <reason code>. Extended code is <extended code>.**

Explanation: The Information Catalog Manager was unable to retrieve Contact objects for the indicated object.

User Response: See the *Information Catalog Manager Reason Codes* section of the *Message Reference* for an explanation of the reason code.

FLG0335E   **Unable to retrieve containees for object <FLGID>. Reason code is <reason code>. Extended code is <extended code>.**

Explanation: The Information Catalog Manager was unable to retrieve objects contained by the indicated object.

User Response: See the *Information Catalog Manager Reason Codes* section of the *Message Reference* for an explanation of the reason code and extended code.

FLG0336E   **Tag language file name has invalid length.**

Explanation: The path and file name for the exported tag language file is either too long, or the length is 0.

User Response: Specify a drive, directory, and file name for the tag language file that is between 1 and 259 characters long.

FLG0337E   **Log file name is too long.**

Explanation: The file name of the specified export log file is too long.

The drive, directories, and file name of the log file can be up to 259 characters long.

User Response: Specify a drive, directory, and file name that is between 1 and 259 characters long.

FLG0338E   **Tag language file name is invalid. Reason code is <reason code>.**

Explanation: The drive, directories, file name, or extension specified for the tag language file to receive exported data is not valid.

User Response: See the *Information Catalog Manager Reason Codes* section of the *Message Reference* for an explanation of the reason code.

FLG0339E   Log file name is invalid. Reason code is <reason code>.

Explanation: The drive, directories, file name, or extension specified for the export log file is not valid.

User Response: See the *Information Catalog Manager Reason Codes* section of the *Message Reference* for an explanation of the reason code.

FLG0340E   Severe error in getting object type information. Reason code is <reason code>. Extended code is <extended code>.

Explanation: The Information Catalog Manager encountered a severe error while retrieving information for an object type.

User Response: See the *Information Catalog Manager Reason Codes* section of the *Message Reference* for an explanation of the reason code.

FLG0341E   Severe error in retrieving information about objects. Reason code is <reason code>. Extended code is <extended code>.

Explanation: The Information Catalog Manager encountered a severe error while retrieving information about the objects.

User Response: See the *Information Catalog Manager Reason Codes* section of the *Message Reference* for an explanation of the reason code.

FLG0342E   Severe error in retrieving contacts for objects. Reason code is <reason code>. Extended code is <extended code>.

Explanation: The Information Catalog Manager encountered a severe error while retrieving Contact objects.

User Response: See the *Information Catalog Manager Reason Codes* section of the *Message Reference* for an explanation of the reason code.

FLG0343E   Severe error in retrieving containees for objects. Reason code is <reason code>. Extended code is <extended code>.

Explanation: The Information Catalog Manager encountered a severe error and was unable to retrieve objects contained by other objects.

User Response: See the *Information Catalog Manager Reason Codes* section of the *Message Reference* for an explanation of the reason code.

FLG0344E   Error in export input structure: CONTAINEE-IND must be Y or N for object <FLGID>.

Explanation: The CONTAINEE-IND value in the object area of the input structure must be Y or N.

The CONTAINEE-IND value indicates whether the Information Catalog Manager exports all objects contained by the indicated Grouping object. For other object types, this value is required, but ignored.

User Response: Specify Y or N for the CONTAINEE-IND property of the indicated object instance.

FLG0345W   Icon was not exported; no icon is associated with object type <object type identifier>.

Explanation: The indicated object type does not have an associated icon.

No icon files were exported with the indicated object type.

FLG0346E   Export input structure error: CONTACT-IND must be Y or N for object <FLGID>.

Explanation: The CONTACT-IND value in the object area of the input structure must be Y or N for the indicated object.

The CONTACT-IND value indicates whether the Information Catalog Manager exports all Contact objects associated with the indicated Grouping or

Elemental object. For other objects, the value is required, but ignored.

User Response: Specify Y or N for the CONTACT-IND property of the indicated object instance.

**FLG0347E   Invalid icon path. Reason code is
                <reason code>.**

Explanation: The icon path specified as containing the icon files to be exported is invalid.

User Response: See the *Information Catalog Manager Reason Codes* section of the *Message Reference* for an explanation of the reason code.

FLG0348E   Icon path is too long.

Explanation: The specified icon path is too long.

User Response: Specify a path that is no longer than 246 characters.

**FLG0349E   Export input structure error:
                Reason code is <reason code>.**

Explanation: An error occurred while the Information Catalog Manager was reading the input structure for the FLGExport API.

User Response:

1. See the *Information Catalog Manager Reason Codes* section of the *Message Reference* for an explanation of the reason code.
2. Correct the error in the input structure.
3. Try to run your program again.

**FLG0350E   Unable to free memory. Reason
                code is <reason code>. Extended
                code is <extended code>.**

Explanation: The Information Catalog Manager is unable to free an area of memory used by the Information Catalog Manager when exporting information.

User Response: See the *Information Catalog Manager Reason Codes* section of the *Message Reference* for an explanation of the reason code.

**FLG0352W   Object <FLGID> contains no
                objects to export.**

Explanation: The CONTAINEE-IND value for the indicated object is Y in the object area of the input structure for FLGExport; but the indicated Grouping object does not contain any objects.

No contained objects were exported.

**FLG0353W   Object <FLGID> has no contacts
                to export.**

Explanation: The CONTACT-IND value for the indicated object is Y in the object area of the input structure for FLGExport; but the indicated object is not associated with any Contact objects

No Contact objects were exported.

**FLG0354E   The object identifier (FLGID)
                value, <flgid>, is invalid.**

Explanation: The indicated object identifier (FLGID) is invalid.

User Response: Specify a valid FLGID:

   FLGID must be 16 bytes long.

   FLGID must contain only numeric characters (0-9).

   Bytes 0-5 must not contain all zeros.

   Bytes 6-15 must not contain all zeros.

**FLG0355I   Export started: tag language file --
                <tag language file name>**

**FLG0356I   Export ended: tag language file --
                <tag language file name>**

**FLG0357E   Error in export input structure:
                Category in header area must be
                blank.**

Explanation: The category byte position (32) in the header area of the input structure for FLGExport is not blank.

The category byte position of the header area in the FLGExport input structure must be blank.

User Response: Set the value of byte 32 in the header area to a blank.

FLG0358E **Error in export input structure: Object type ID in the header area must be blank.**

Explanation: The object type ID byte positions (33-38) of the header area in the FLGExport input structure are not blank.

These object type ID byte positions must be blank.

User Response: Set the value of bytes 33-38 in the header area to blanks.

FLG0359E **Error in export input structure: Reserved area in the header area must be blank.**

Explanation: The reserved area byte positions (39-159) of the header area in the input structure for FLGExport are not blank.

These reserved area byte positions must be blank.

User Response: Set the value of bytes 39-159 in the header area to blanks.

FLG0360E **Error in export input structure: Reserved area in the Definition area must be blank.**

Explanation: The reserved area byte positions (130-159) of the definition area in the input structure for FLGExport are not blank.

These reserved area byte positions must be blank.

User Response: Set the value of bytes 130-159 in the definition area to blanks.

FLG0361I **Completed export of object <object name>.**

FLG0362I **Generated checkpoint ID: <checkpoint ID>.**

FLG0363E **The information catalog has not been initialized.**

Explanation: You must initialize the information catalog before you can issue FLGExport.

User Response: Open your information catalog through the end-user interface or issue a call to the FLGInit API.

FLG0364I **Export completed for object <object name> and all its associated Contact objects.**

FLG0365I **Export completed for all objects contained by object <object name>.**

FLG0366E **A tag language file exists with the specified name. Specify the name of a file that does not already exist.**

Explanation: The specified file name and path for the exported tag language file identifies an existing file.

The output tag language file must not currently exist.

User Response: Specify a file name and path for a new file to contain the exported tag language.

FLG0367E **Unable to retrieve information for object <FLGID>. Reason code is <reason code>. Extended code is <extended code>.**

Explanation: The Information Catalog Manager was unable to retrieve information for the indicated object.

User Response: See the *Information Catalog Manager Reason Codes* section of the *Message Reference* for an explanation of the reason code.

FLG0368E   Unable to export icon for object type <object type identifier>. Reason code is <reason code>.

Explanation: The Information Catalog Manager could not export the icon for the indicated object type. An error occurred while exporting the icon.

User Response: See the *Information Catalog Manager Reason Codes* section of the *Message Reference* for an explanation of the reason code.

Ensure that an icon with the same name as the short name of the object type does not already exist in the specified icon path.

FLG0369W   An icon file for object type <object type name> already existed in the icon path. The icon file was replaced.

Explanation: The icon path already contained an icon file for the exported object type. The Information Catalog Manager replaced the existing icon file.

FLG0370E   The Information Catalog Manager cannot process object <object name>. Reason code is <reason code>.

Explanation: The Information Catalog Manager cannot process the data in your information catalog. It is possible the information catalog was accessed or updated by another method rather than by using the Information Catalog Manager.

User Response: See the *Information Catalog Manager Reason Codes* section of the *Message Reference* for an explanation of the reason code.

FLG0371W   Object <name of object> has no attachment or link objects to export.

Explanation: The ATTACHMENT-IND or LINK-IND value for the indicated object is Y in the object area of the input structure for FLGExport; but the indicated object does not have Attachment or link objects associated with it.

FLG0372W   ATTACHMENT-IND for object <name of object> was ignored because the object is an Attachment object.

Explanation: The ATTACHMENT-IND value was ignored for an object because that object is not an Attachment object. The ATTACHMENT-IND value specifies whether to export all the Comments objects attached to an object.

User Response: Specify N for ATTACHMENT-IND in the input structure to indicate that you are not exporting attachments.

FLG0373W   LINK-IND for object <object name> was ignored because the object is not of the Grouping or Elemental category.

Explanation: The LINK-IND value was ignored for an object because that object cannot have link objects associated with it. Only objects of the Grouping or Elemental categories can have link objects associated with them.

User Response: Specify N for LINK-IND in the input structure to indicate that you are not exporting linked objects.

FLG0374E   Error in export input structure: LINK-IND must be Y or N for object <FLGID>.

Explanation: The LINK-IND value in the object area of the input structure must be Y or N.

The LINK-IND value indicates whether to export all objects linked with the indicated Grouping or Elemental object; for other objects, this value should be N (a Y value is ignored).

User Response: Specify Y or N for the LINK-IND property of the indicated object instance.

FLG0375E   **Error in export input structure: ATTACHMENT-IND must be Y or N for object <FLGID>.**

Explanation: The ATTACHMENT-IND value in the object area of the input structure must be Y or N.

The ATTACHMENT-IND value indicates whether to export all objects attached to the indicated object. For Attachment category objects, this value is required, but ignored.

User Response: Specify Y or N for the ATTACHMENT-IND property of the indicated object instance.

FLG0376I   **Insert the next diskette, and then press Enter.**

FLG0401E   **Commit failed. Reason code is <reason code>. Extended code is <extended code>. Database is in inconsistent state. Perform database recovery.**

Explanation: The Information Catalog Manager was unable to commit the changes to the information catalog. The information catalog is in an inconsistent state.

User Response: Perform database recovery to return the information catalog to a consistent state.

FLG0402E   **Rollback failed. Reason code is <reason code>. Extended code is <extended code>. Database is in inconsistent state. Perform database recovery.**

Explanation: The Information Catalog Manager could not remove changes to the information catalog. The information catalog attempted to roll back the changes when it encountered an error while importing the tag language file.

The information catalog is in an inconsistent state.

User Response: Perform database recovery to

return the information catalog to a consistent state.

FLG0403E   **Unable to delete object instance and underlying tree. UUI: <Part 1>, <Part 2>, <Part 3>, <Part 4>, <Part 5>. Reason code is <reason code>. Extended code is <extended code>.**

Explanation: The Information Catalog Manager was unable to delete the indicated object and underlying relationships (tree structure). If you also chose to delete the underlying objects, the Information Catalog Manager was unable to delete them as well.

The Information Catalog Manager rolled back the database to the last commit checkpoint, and stopped importing.

User Response:

1. See the *Information Catalog Manager Reason Codes* section of the *Message Reference* for an explanation of the reason code and extended code.
2. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.
3. Determine what the error is, update the tag language file, and set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0404E   **Information Catalog Manager API internal error. Reason code is <reason code>.**

Explanation: An internal error occurred when you tried to import or export.

User Response: See the *Information Catalog Manager Reason Codes* section of the *Message Reference* for an explanation of the reason code.

Note the reason code and extended code and call IBM Software Support.

FLG0405E   Unexpected end of file reached in tag language file.

Explanation: The Information Catalog Manager reached the end of the tag language file, but could not complete the last requested action because the information for this action is incomplete.

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, then stopped importing the file.

User Response:
1. Edit the tag language file and complete the tags for the last action.
2. Examine the log file.
3. If you are performing a regular import (not MDIS import), examine the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.
4. Determine what the error is, update the tag language file, and import the tag language file again. If you are performing a regular import, you can set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0406E   Syntax error -- ACTION tag. '<keyword>' is not a valid keyword. Specify either OBJTYPE, OBJINST, or RELATION.

Explanation: The ACTION tag contains an invalid keyword. The following keywords are valid with the ACTION tag:

OBJTYPE

OBJINST

RELATION

The Information Catalog Manager rolled back the database to the last commit checkpoint, and stopped importing.

User Response:

1. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.
2. Fix the syntax error.
3. Set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0407E   Syntax error -- Tag language file contains a tag that is out of sequence.

Explanation: The tag language file contains a tag that does not follow the expected tag sequence. For example, an ACTION.OBJTYPE(ADD) tag might be followed by a PROPERTY tag, instead of by an OBJECT tag.

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response:

1. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.
2. Determine what the error is, update the tag language file, and set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0408E   Syntax error -- ACTION tag. OBJINST option is invalid. Valid OBJINST options are: ADD, UPDATE, DELETE, DELETE_TREE_REL, DELETE_TREE_ALL, and MERGE.

Explanation: The option for the OBJINST keyword is invalid for an ACTION tag. The following options are valid:

ADD

UPDATE

DELETE

DELETE_TREE_ALL

DELETE_TREE_REL

MERGE

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint and stopped importing.

User Response:

1. Edit the tag language file and correct the option for the OBJINST keyword of the ACTION tag. Examine the log file and the echo file to determine where the error occurred. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.

2. Set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0409E   Syntax error -- ACTION tag. RELATION option is invalid. Valid RELATION options are: ADD and DELETE.

Explanation: The option for the RELATION keyword is invalid for an ACTION tag. The following options are valid:

ADD

DELETE

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint and stopped importing.

User Response:

1. Edit the tag language file and correct the option for the RELATION keyword of the ACTION tag. Examine the log file and the echo file to determine where the error occurred. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.

2. Set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0410W   The Information Catalog Manager cleared the HANDLES property value for the program object (UUI: <part 1>, <part 2>, <part 3>, <part 4>, <part 5>), because object type (<short name>) does not exist in the target information catalog. Import continues.

Explanation: The target information catalog does not contain the object type to be associated with the specified program. The import function replaced the HANDLES property value with blanks and continued importing the tag file.

User Response: Update the program object HANDLES property value with a valid object type name:

1. Determine which existing object type the program object should be associated with, or create a new object type.

2. Search for the specified program object.

3. Right click on the program object.

4. Click **Update Object** from the pop-up menu.

   The Update Object window opens.

5. Click the **HANDLES** property in the **Properties/Values** list box. (This property might have a different name; in the sample information catalog it is "Object type this program handles.")

6. In the **Enter value for selected property** field, enter the short name for an object type that exists in the information catalog.

7. Click **Enter**.

8. Ensure that any existing value for the PARMLIST property is compatible with the object type that you specified for the HANDLES property.

9. Click **Update**.

FLG0412E   Syntax error -- ACTION tag. OBJTYPE option is invalid. Valid OBJTYPE options are: MERGE, ADD, UPDATE, DELETE, DELETE_EXT, and APPEND.

Explanation: An ACTION tag contains invalid, or missing, OPTION for the OBJTYPE keyword.

Valid options are MERGE, ADD, UPDATE, DELETE, DELETE_EXT, APPEND.

The import program rolled back the information catalog to the last commit checkpoint, before stopping.

User Response:

1. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.
2. Fix the syntax error.
3. Set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0413E   **The Information Catalog Manager import function has encountered an unexpected internal error and must stop. The database will be rolled back. Reason code is <reason code>. Extended code is <extended code>.**

Explanation: The Information Catalog Manager has encountered an internal error while importing and must stop. The information catalog will be rolled back.

User Response: If you are performing a regular import (not MDIS import), set the restart option to C (checkpoint) to start from the last commit checkpoint and use the trace facility. If you are performing an MDIS import, import the tag language file again using the trace facility.

Note the reason code and extended code returned with this message and contact your IBM service representative.

FLG0414I   **Created new object instance. Type: <object type name>. UUI:**

FLG0415I   **Updated object instance. Type: <object type name>. UUI:**

FLG0416I   **Deleted object instance. Type: <object type name>. UUI:**

FLG0417I   **Import or export terminated at user's request.**

FLG0418I   **Updated object type: <object type name>.**

FLG0419I   **Deleted object type: <object type name>.**

FLG0420W   **Object type <object type name> is missing associated icon information, because the Information Catalog Manager could not retrieve icon file <icon file name>. Reason code is <reason code>.**

Explanation: The Information Catalog Manager created the indicated object type without icon information, because the Information Catalog Manager could not retrieve the specified icon file.

User Response:

1. Examine the log file to identify the object types that are missing icon information.
2. Correct the icon information by updating the object type using the Information Catalog Manager windows or tag language.

FLG0421I   **Created new object type: <object type name>.**

FLG0422I   **Added new properties for object type: <short name>.**

FLG0423I   **Created new relationship. UUIs:**

FLG0424I   **Deleted relationship. UUIs:**

FLG0425E   Unable to complete action. Could not locate necessary information in the information catalog. Reason code is <reason code>. Extended code is <extended code>.

Explanation: The Information Catalog Manager could not locate the information required to perform the requested action.

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response:

1. See the *Information Catalog Manager Reason Codes* section of the *Message Reference* for an explanation of the reason code and extended code.

2. Examine the log file.

3. If you are performing a regular import (not MDIS import), examine the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.

4. Determine what the error is, update the tag language file, and import the tag language file again. If you are performing a regular import, you can set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0426E   Unable to complete action. Could not retrieve necessary information about object type <object type name>. Reason code is <reason code>. Extended code is <extended code>.

Explanation: The Information Catalog Manager was unable to retrieve information about the indicated object type. Without this information, the Information Catalog Manager is unable to perform the requested import action.

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response:

1. See the *Information Catalog Manager Reason Codes* section of the *Message Reference* for an explanation of the reason code and extended reason code.

2. Examine the log file.

3. If you are performing a regular import (not MDIS import), examine the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.

4. Determine what the error is, update the tag language file, and import the tag language file again. If you are performing a regular import, you can set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0427E   Unable to complete action. Could not retrieve necessary information about object type. Reason code is <reason code>. Extended code is <extended code>.

Explanation: The Information Catalog Manager was unable to retrieve information about the object types in the information catalog. Without this information, the Information Catalog Manager is unable to perform the requested import.

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response:

1. See the *Information Catalog Manager Reason Codes* section of the *Message Reference* for an explanation of the reason code.

2. Examine the log file.

3. If you are performing a regular import (not MDIS import), examine the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.

4. Determine what the error is, update the tag language file, and import the tag language file again. If you are performing a regular import, you can set the restart option to C

(checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0428E **Unable to update object instance. UUI: <part 1>, <part 2>, <part 3>, <part 4>, <part 5>. Reason code is <reason code>. Extended code is <extended code>.**

Explanation: The Information Catalog Manager was unable to update information for the indicated object.

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response:

1. See the *Information Catalog Manager Reason Codes* section of the *Message Reference* for an explanation of the reason code and extended code.
2. Examine the log file.
3. If you are performing a regular import (not MDIS import), examine the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.
4. Determine what the error is, update the tag language file, and import the tag language file again. If you are performing a regular import, you can set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0429E **Unable to create object type <object type name>. Reason code is <reason code>. Extended code is <extended code>.**

Explanation: The Information Catalog Manager was unable to create the indicated object type.

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response:

1. See the *Information Catalog Manager Reason Codes* section of the *Message Reference* for an explanation of the reason code and extended code.
2. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.
3. Determine what the error is, update the tag language file, and set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0430E **Unable to update object type <object type name>. Reason code is <reason code>. Extended code is <extended code>.**

Explanation: The Information Catalog Manager was unable to update the information for the indicated object type.

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response:

1. See the *Information Catalog Manager Reason Codes* section of the *Message Reference* for an explanation of the reason code.
2. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.
3. Determine what the error is, update the tag language file, and set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0431E **Unable to add properties to object type <object type name>. Reason code is <reason code>. Extended code is <extended code>.**

Explanation: The Information Catalog Manager was unable to add properties to the indicated object type.

The Information Catalog Manager rolled back the information catalog to the last commit

checkpoint, and stopped importing.

User Response:

1. See the *Information Catalog Manager Reason Codes* section of the *Message Reference* for an explanation of the reason code.

2. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.

3. Determine what the error is, update the tag language file, and set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0432E   **Unable to create object instance. UUI: <part 1>, <part 2>, <part 3>, <part 4>, <part 5>. Reason code is <reason code>. Extended code is <extended code>.**

Explanation: The Information Catalog Manager was unable to create the indicated object.

The Information Catalog Manager rolled back the database to the last commit checkpoint, and stopped importing.

User Response:

1. See the *Information Catalog Manager Reason Codes* section of the *Message Reference* for an explanation of the reason code and extended code.

2. Examine the log file.

3. If you are performing a regular import (not MDIS import), examine the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.

4. Determine what the error is, update the tag language file, and import the tag language file again. If you are performing a regular import, you can set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0433E   **Unable to completely delete information for object type <object type name>. Reason code is <reason code>. Extended code is <extended code>.**

Explanation: The Information Catalog Manager was unable to completely delete the definition for the indicated object type.

The Information Catalog Manager rolled back the database to the last commit checkpoint, and stopped importing.

User Response:

1. See the *Information Catalog Manager Reason Codes* section of the *Message Reference* for an explanation of the reason code and extended code.

2. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.

3. Determine what the error is, update the tag language file, and set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0434E   **Unable to delete object type <object type name>. Reason code is <reason code>. Extended code is <extended code>.**

Explanation: The Information Catalog Manager was unable to delete the indicated object type.

The Information Catalog Manager rolled back the database to the last commit checkpoint, and stopped importing.

User Response:

1. See the *Information Catalog Manager Reason Codes* section of the *Message Reference* for an explanation of the reason code and extended code.

2. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.

3. Determine what the error is, update the tag language file, and set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0436E   **Unable to delete object instance. UUI: <part 1>, <part 2>, <part 3>, <part 4>, <part 5>. Reason code is <reason code>. Extended code is <extended code>.**

Explanation: The Information Catalog Manager was unable to delete the indicated object.

The Information Catalog Manager rolled back the database to the last commit checkpoint, and stopped importing.

User Response:

1. See the *Information Catalog Manager Reason Codes* section of the *Message Reference* for an explanation of the reason code.
2. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.
3. Determine what the error is, update the tag language file, and set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0437E   **Error in opening echo file. Reason code is <reason code>.**

Explanation: Error in opening echo file. Reason code is <reason code>.

User Response: See the *Information Catalog Manager Reason Codes* section of the *Message Reference* for an explanation of the reason code.

FLG0438E   **Error in reading tag language file. Reason code is <reason code>.**

Explanation: The Information Catalog Manager was unable to read the input tag language file.

User Response: See the *Information Catalog Manager Reason Codes* section of the *Message Reference* for an explanation of the reason code.

FLG0439E   **Error in writing to echo file. Reason code is <reason code>.**

Explanation: The Information Catalog Manager encountered an error while writing to the echo file.

User Response: See the *Information Catalog Manager Reason Codes* section of the *Message Reference* for an explanation of the reason code.

FLG0440E   **The UUI definition for object type <object type name> in the tag language file does not match the target information catalog.**

Explanation: The UUI definition for the indicated object type in the source tag language file is different than the UUI definition for the target information catalog.

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response:

1. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.
2. Specify the UUI definition for the indicated object type in the source tag language file so that it matches the UUI definition for the existing object type in the target information catalog.
3. Set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0441E   **Unable to complete action. Reason code is <reason code>. Extended code is <extended code>.**

Explanation: The Information Catalog Manager is unable to complete the import action.

User Response:

1. See the *Information Catalog Manager Reason Codes* section of the *Message Reference* for an explanation of the reason code and extended code.

2. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.
3. Make sure that the data length (DL) value that you entered for the PROPERTY tag is all numeric.
4. Determine what the error is, update the tag language file, and set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0442E   The data length defined for property <short name> in the tag language file does not match the target information catalog.

Explanation: The indicated property has a different data length defined in the source tag language file than in the target information catalog.

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response:
1. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.
2. For the DL keyword of the PROPERTY tag, specify a data length that matches the property in the existing object type in the target information catalog.
3. Set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0443E   The data type defined for property <short name> in the tag language file does not match the target information catalog.

Explanation: The indicated property has a different data type defined in the input tag language file than in the target information catalog.

The Information Catalog Manager rolled back the

information catalog to the last commit checkpoint, and stopped importing.

User Response:
1. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.
2. For the DT keyword of the PROPERTY tag, specify a data type that matches the property in the existing object type in the target information catalog.
3. Set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0444E   Property name (short_name) <short name> was not found in target information catalog.

Explanation: The indicated input property short name (short_name) does not match any property short name in the target information catalog.

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response:
1. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.
2. For the SHRTNAME keyword of the PROPERTY tag, specify an 8-character property name that matches the property in the existing object type in the target information catalog.
3. Set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0445E   The category defined for object type <object type name> in the tag language file does not match the target information catalog.

Explanation: The category defined for the indicated object type is different in the input tag

language file than in the target information catalog.

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response: Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.

1. For the CATEGORY keyword of the OBJECT tag, specify the category that matches the category for the indicated existing object type in the target information catalog.

2. Set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0446E   **Syntax error -- INSTANCE tag. Property name (short_name) <short name> is invalid for the object type.**

Explanation: The indicated property short name (short_name) on the INSTANCE tag is invalid. Either the property name is too long, or it is invalid for the object type.

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response:

1. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.

2. Determine what the error is and update the tag language file. The following rules for the property short name apply:

   • The short name can be up to 8 characters long.

   • The short name must match the short name of a property defined on the object type for this instance.

3. Set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0447E   **Syntax error -- OBJECT tag. <keyword> appears more than once within the tag.**

Explanation: The indicated keyword is specified more than once on the same OBJECT tag.

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response:

1. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.

2. Determine what the error is and update the tag language file.

3. Set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0448E   **Syntax error -- PROPERTY tag. <keyword> appears more than once within the tag.**

Explanation: The indicated keyword is specified more than once on the same PROPERTY tag.

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response:

1. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.

2. Determine what the error is and update the tag language file.

3. Set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0449E   **Syntax error -- RELTYPE tag. <keyword> appears more than once within the tag.**

Explanation: The indicated keyword is specified more than once on the same RELTYPE tag.

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response:

1. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.

2. Determine what the error is and update the tag language file.

3. Set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0450E   Syntax error -- INSTANCE tag. UUI property name (UUI_short_name) <short name> appears more than once within the tag.

Explanation: The indicated UUI property name (UUI_short_name) is specified more than once for a SOURCEKEY or TARGETKEY on the same INSTANCE tag.

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response:

1. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.

2. Determine what the error is and update the tag language file.

3. Set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0451E   Syntax error -- INSTANCE tag. Property name (short_name) <short name> appears more than once within the tag.

Explanation: The indicated property short name (short_name) appears more than once on the same INSTANCE tag.

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response:

1. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.

2. Determine what the error is and update the tag language file.

3. Set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0452E   Syntax error -- OBJECT tag. <keyword> value exceeds maximum length of <maximum length>.

Explanation: The indicated keyword value on the OBJECT tag is longer than the indicated maximum length permitted for that keyword value.

Keyword values on the OBJECT tag are enclosed between a left parenthesis and a right parenthesis. The Information Catalog Manager ignores leading blanks in keyword values, but includes any trailing blanks when determining the length of the value.

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response:

1. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.

2. Determine what the error is and update the tag language file.

3. Set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0453E   Syntax error -- PROPERTY tag. <keyword> value exceeds maximum length of <maximum length>.

Explanation: The indicated keyword value on the PROPERTY tag is longer than the indicated maximum length permitted for that keyword.

Keyword values on the PROPERTY tag are enclosed between a left parenthesis and a right parenthesis. The Information Catalog Manager ignores leading blanks in keyword values, but includes any trailing blanks when determining the length of the value.

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response:
1. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.
2. Determine what the error is and update the tag language file.
3. Set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0454E   Syntax error -- INSTANCE tag. Property '<short name>' value exceeds maximum length of <maximum length>.

Explanation: The indicated property value on the INSTANCE tag is longer than the indicated maximum length permitted for that value.

Property and UUI property values on the INSTANCE tag are enclosed between a left parenthesis and a right parenthesis. The Information Catalog Manager ignores leading blanks in these values, but includes any trailing blanks when determining the length of the value.

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response:

1. Examine the log file and the echo file. One of the last two tags the echo file (not including COMMENT tags) is the tag in error.
2. Determine what the error is and update the tag language file.
3. Set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0455E   Syntax error -- RELTYPE tag. <keyword> value exceeds maximum length of <maximum length>.

Explanation: The indicated keyword value on the RELTYPE tag is longer than the indicated maximum length permitted for that keyword value.

Keyword values on the RELTYPE tag are enclosed between a left parenthesis and a right parenthesis. The Information Catalog Manager ignores leading blanks in keyword values, but includes any trailing blanks when determining the length of the value.

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response:
1. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.
2. Determine what the error is and update the tag language file.
3. Set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0456E   Syntax error -- COMMIT tag. CHKPID value exceeds maximum length of <maximum length>.

Explanation: The CHKPID value on the COMMIT tag is longer than the indicated maximum length.

Keyword values on the COMMIT tag are

enclosed between a left parenthesis and a right parenthesis. The Information Catalog Manager ignores leading blanks in keyword values, but includes any trailing blanks when determining the length of the value.

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response:

1. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.

2. Determine what the error is and update the tag language file.

3. Set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0457E **Syntax error -- OBJECT tag. <keyword> is not a valid keyword. Valid keywords are: TYPE, CATEGORY, EXTNAME, PHYNAME, ICOFILE, and ICWFILE.**

Explanation: The indicated keyword is not valid on the OBJECT tag. The following keywords are valid:

TYPE
CATEGORY
EXTNAME
PHYNAME
ICOFILE
ICWFILE

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response:

1. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.

2. Determine what the error is and update the tag language file.

3. Set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0458E **Syntax error -- PROPERTY tag. <keyword> is not a valid keyword. Valid keywords are: EXTNAME, DT, DL, SHRTNAME, NULLS, and UUISEQ.**

Explanation: The indicated keyword is not valid on the PROPERTY tag. The following keywords are valid:

EXTNAME
DT
DL
SHRTNAME
NULLS
UUISEQ

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response:

1. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.

2. Determine what the error is and update the tag language file.

3. Set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0459E **Syntax error -- RELTYPE tag. <keyword> is not a valid keyword. Valid keywords are: TYPE, SOURCETYPE, and TARGETYPE.**

Explanation: The indicated keyword is not valid on the RELTYPE tag. The following keywords are valid:

TYPE

SOURCETYPE

TARGETYPE

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response:

1. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.
2. Determine what the error is and update the tag language file.
3. Set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0460E   Syntax error -- COMMIT tag. <keyword> is not a valid keyword. Valid keyword is CHKPID.

Explanation: The indicated keyword is not valid on the COMMIT tag. CHKPID is the only valid keyword on a COMMIT tag.

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response:

1. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.
2. Determine what the error is and update the tag language file.
3. Set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0461E   Syntax error -- INSTANCE tag. <keyword> is not a valid keyword. Valid keywords: SOURCEKEY; TARGETKEY is valid for relationships only.

Explanation: The indicated keyword is not valid on the INSTANCE tag. The following keywords are valid:

SOURCEKEY

TARGETKEY, when INSTANCE follows a RELTYPE tag

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response:

1. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.
2. Determine what the error is and update the tag language file.
3. Set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0462E   Syntax error -- INSTANCE tag. UUI property name (UUI_short_name) <short name> is either invalid for the object type or not part of the UUI.

Explanation: The indicated UUI property name (UUI_short_name) on the INSTANCE tag is one of the following:

- Too long (longer than 8 characters).
- Invalid for the object type.
- Valid for the object type, but not part of the UUI.

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response:

1. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.
2. Determine what the error is and update the tag language file.
3. Set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0463E   Syntax error -- INSTANCE tag. SOURCEKEY was not found where expected.

Explanation: SOURCEKEY was not the first keyword on an INSTANCE tag. The SOURCEKEY keyword must be specified as the first keyword for an INSTANCE tag in the following cases:

Deleting an object instance

```
:ACTION.OBJINST(DELETE)
:OBJECT.TYPE()
:INSTANCE.SOURCEKEY()
```

or

```
:ACTION.OBJINST(DELETE_TREE_REL)
:OBJECT.TYPE()
:INSTANCE.SOURCEKEY()
```

or

```
:ACTION.OBJINST(DELETE_TREE_ALL)
:OBJECT.TYPE()
:INSTANCE.SOURCEKEY()
```

Updating an object instance

```
:ACTION.OBJINST(UPDATE)
:OBJECT.TYPE()
:INSTANCE.SOURCEKEY()
```

Adding or deleting a relationship

The line break on the :RELTYPE tag example is insignificant, type the keywords all on one line.

```
:ACTION.RELATION()
:RELTYPE.TYPE() SOURCETYPE()
TARGETYPE()
:INSTANCE.SOURCEKEY() TARGETKEY()
```

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response:
1. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.
2. Determine what the error is and update the tag language file.
3. Set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0464E   Syntax error -- INSTANCE tag. TARGETKEY was not found where expected.

Explanation: TARGETKEY was not specified as the second keyword on the INSTANCE tag. When the INSTANCE tag follows the RELTYPE tag to add or delete a relationship, TARGETKEY must be the second keyword.

In this case, the tag sequence is as follows:

```
:ACTION.RELATION(ADD) or
:ACTION.RELATION(DELETE)
:RELTYPE.TYPE() SOURCETYPE() TARGETYPE()
:INSTANCE.SOURCEKEY() TARGETKEY()
```

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response:
1. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.
2. Determine what the error is and update the tag language file.
3. Set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0465E Syntax error -- OBJECT tag. <keyword> is missing. It is required with this particular ACTION tag option.

Explanation: The indicated required keyword is missing from the OBJECT tag.

Certain OBJECT keywords are required, depending on the ACTION tag option.

TYPE Always required. Specifies the name of an object type.

CATEGORY
Required when following either :ACTION.OBJTYPE(ADD) or :ACTION.OBJTYPE(MERGE). Not valid with any other ACTION tag options.

EXTNAME
Required when following either :ACTION.OBJTYPE(ADD) or :ACTION.OBJTYPE(MERGE). Optional with ACTION.OBJTYPE(UPDATE). Not valid with any other ACTION tag options.

PHYNAME
Optional; valid only when following :ACTION.OBJTYPE(ADD) or :ACTION.OBJTYPE(MERGE)

ICOFILE
Optional; valid only when following :ACTION.OBJTYPE(ADD), :ACTION.OBJTYPE(UPDATE), or :ACTION.OBJTYPE(MERGE)

ICWFILE
Optional; valid only when following :ACTION.OBJTYPE(ADD), :ACTION.OBJTYPE(UPDATE), or :ACTION.OBJTYPE(MERGE)

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response:

1. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.
2. Determine what the error is and update the tag language file.
3. Set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0466E Syntax error -- OBJECT tag. CATEGORY value is invalid. Valid CATEGORY values are: GROUPING, ELEMENTAL, CONTACT, DICTIONARY, and SUPPORT.

Explanation: The value specified for the CATEGORY keyword on the OBJECT tag is invalid. The following values are valid:

GROUPING

ELEMENTAL

CONTACT

DICTIONARY

SUPPORT

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response:

1. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.
2. Determine what the error is and update the tag language file.
3. Set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0467E Syntax error -- PROPERTY tag. DT value is invalid. Valid DT values are: C, V, L, and T.

Explanation: The value specified for the DT keyword on the PROPERTY tag is invalid. The following values are valid:

C	Fixed-length character string
V	Variable-length character string
L	Long variable-length character string
T	Time stamp data

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response:
1. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.
2. Determine what the error is and update the tag language file.
3. Set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0468E   Syntax error -- PROPERTY tag. NULLS value is invalid. Valid NULLS values are: Y and N.

Explanation: The value specified for the NULLS keyword on the PROPERTY tag is invalid. The following values are valid:

| Y | A value is not required for this property. This value can be null. |
| N | A value is required for this property. |

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response:
1. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.
2. Determine what the error is and update the tag language file.
3. Set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0469E   Syntax error -- PROPERTY tag. UUISEQ value is invalid. Valid UUISEQ values are: 0, 1, 2, 3, 4, and 5.

Explanation: The value specified for the UUISEQ keyword on the PROPERTY tag is invalid. The following values are valid:

0 (default)
> The property is not part of the universal unique identifier (UUI).

1, 2, 3, 4, or 5
> The property is part of the UUI, and is in the indicated position in the UUI.

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response:
1. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.
2. Determine what the error is and update the tag language file.
3. Set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0470E   Syntax error -- RELTYPE tag. TYPE value is invalid. Valid TYPE values are: CONTAIN, CONTACT, LINK, and ATTACHMENT.

Explanation: The value specified for the TYPE keyword on the RELTYPE tag is invalid. The following values are valid:

ATTACHMENT
> The target object is attached as a Comments object to the source object.

CONTAIN
> The source object contains the target object.

CONTACT
> The source object is associated with the target Contact object.

LINK   The source object is linked to the target object.

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response:

1. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.
2. Determine what the error is and update the tag language file.
3. Set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0471E   **Syntax error -- PROPERTY tag. <short name> is not a valid value for the SHRTNAME keyword because it is a reserved property short name. Reserved short name values are: OBJTYPID, INSTIDNT, UPDATIME, and UPDATEBY.**

Explanation: The indicated value for the SHRTNAME keyword on the PROPERTY tag is invalid because it is a reserved property short name.

The following values are reserved by the Information Catalog Manager and cannot be specified as a SHRTNAME (short_name) value for a new property:

   OBJTYPID
   INSTIDNT
   UPDATIME
   UPDATEBY

To indicate that NAME is a UUI property for a new object type, specify NAME as the short name of a new property.

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response:

1. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.
2. Determine what the error is and update the tag language file.
3. Set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0472E   **Syntax error -- INSTANCE tag. <short name> is not a valid short_name value because it is reserved for use by Import. Reserved short_name values are: OBJTYPID, INSTIDNT, UPDATIME, and UPDATEBY.**

Explanation: The indicated property short name (short_name) on the INSTANCE tag is invalid because the Information Catalog Manager generates the value for this property. The user cannot reset this value.

The values for the following properties are generated by the Information Catalog Manager:

   OBJTYPID
   INSTIDNT
   UPDATIME
   UPDATEBY

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response:

1. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.
2. Determine what the error is and update the tag language file.
3. Set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0473E   **Syntax error -- RELTYPE tag.**
<keyword> is missing. Required
keywords are: TYPE,
SOURCETYPE, and TARGETYPE.

Explanation: The indicated keyword for the
RELTYPE tag is required but missing. The
following keywords are required:

    TYPE

    SOURCETYPE

    TARGETYPE

The Information Catalog Manager rolled back the
information catalog to the last commit
checkpoint, and stopped importing.

User Response:

1. Examine the log file and the echo file. One of
   the last two tags in the echo file (not
   including COMMENT tags) is the tag in
   error.
2. Determine what the error is and update the
   tag language file.
3. Set the restart option to C (checkpoint) to
   import the tag language file starting from the
   last commit checkpoint.

FLG0474E   **Syntax error -- PROPERTY tag.**
<keyword> is missing. Required
keywords are: EXTNAME, DT,
DL, SHRTNAME, and NULLS.

Explanation: The indicated keyword for the
PROPERTY tag is required but missing. The
following keywords are required:

    EXTNAME

    DT

    DL

    SHRTNAME

    NULLS

The Information Catalog Manager rolled back the
information catalog to the last commit
checkpoint, and stopped importing.

User Response:

1. Examine the log file and the echo file. One of
   the last two tags in the echo file (not
   including COMMENT tags) is the tag in
   error.
2. Determine what the error is and update the
   tag language file.
3. Set the restart option to C (checkpoint) to
   import the tag language file starting from the
   last commit checkpoint.

FLG0475E   **Syntax error -- OBJECT tag.**
<keyword> is not used with this
particular ACTION tag option.

Explanation: The indicated keyword is not valid
with this OBJECT tag. Certain OBJECT tag
keywords are valid only with certain ACTION
tag options. The following list describes the
usage of the OBJECT tag keywords:

TYPE   Always required. Specifies the name of
an object type.

CATEGORY
Required and valid only when following
:ACTION.OBJTYPE(ADD) or
:ACTION.OBJTYPE(MERGE).

EXTNAME
Required when following
:ACTION.OBJTYPE(ADD) or
:ACTION.OBJTYPE(MERGE)

Optional when following
:ACTION.OBJTYPE(UPDATE)

PHYNAME
Optional; valid only when following
:ACTION.OBJTYPE(ADD) or
:ACTION.OBJTYPE(MERGE)

ICOFILE
Optional; valid only when following
:ACTION.OBJTYPE(ADD),
:ACTION.OBJTYPE(UPDATE), or
:ACTION.OBJTYPE(MERGE)

ICWFILE
Optional; valid only when following
:ACTION.OBJTYPE(ADD),
:ACTION.OBJTYPE(UPDATE), or
:ACTION.OBJTYPE(MERGE)

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response:

1. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.
2. Determine what the error is and update the tag language file.
3. Set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0476E   **Cannot restart import for tag language file <tag language file name> because checkpoint ID <checkpoint ID> was not found.**

Explanation: The Information Catalog Manager cannot import the indicated tag language file starting at the last commit checkpoint. The checkpoint ID saved by the system does not match a checkpoint ID on any COMMIT tag in the indicated tag language file.

User Response: Check the following possible causes:

• More than one file might have the same name. If so, ensure that you are importing the right file.
• The stored checkpoint has been removed from the tag language file. If so, restore the checkpoint in the file.
• The checkpoint might be for a file in another directory. Ensure that you are importing from the correct directory.

FLG0477E   **Syntax error -- DISKCNTL tag.**

Explanation: The DISKCNTL tag contains a syntax error. The syntax for this command is:

```
:DISKCNTL.SEQUENCE(nn, + | -)
```

nn   The number of the diskette in sequence.

+   The tag language file is continued on one or more diskettes.

—   This diskette contains the end of the tag language file.

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response:

1. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.
2. Determine what the error is and update the tag language file.
3. Set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0478E   **Unable to update object type <object type name>. Reason code is <reason code>. Extended code is <extended code>.**

Explanation: The Information Catalog Manager is unable to update the indicated object type because of an internal or database error.

User Response: See the *Information Catalog Manager Reason Codes* section of the *Message Reference* for an explanation of the reason code and extended code.

FLG0479E   **Object type <object type name> was not found in target information catalog.**

Explanation: The indicated object type was not found in the target information catalog. The Information Catalog Manager was unable to match the specified object type name with an existing object type for one of the following ACTION tags:

    ACTION.OBJTYPE(UPDATE)
    ACTION.OBJTYPE(APPEND)
    ACTION.OBJINST(ADD)
    ACTION.OBJINST(UPDATE)
    ACTION.OBJINST(DELETE)
    ACTION.OBJINST(DELETE_TREE_REL)

ACTION.OBJINST(DELETE_TREE_ALL)

ACTION.OBJINST(MERGE)

ACTION.RELATION(ADD)

ACTION.RELATION(DELETE)

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response:

1. Examine the log file.

2. If you are performing a regular import (not MDIS import), examine the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.

3. For the TYPE keyword of the OBJECT tag, specify the object type name that matches the object type name for the indicated existing object type in the target information catalog.

4. Update the tag language file, and import the tag language file again. If you are doing a regular import, you can set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0481E   OBJINST(MERGE) was found before an OBJTYPE(MERGE) was processed for object type <object type name>.

Explanation: The Information Catalog Manager stopped importing the tag language file because :ACTION.OBJINST(MERGE) occurs for an object instance before the :ACTION.OBJTYPE(MERGE) for its object type.

The Information Catalog Manager must first merge object types to ensure that the property definitions for the object type in the tag language file and the target catalog are compatible.

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response:

1. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.

2. Determine what the error is and update the tag language file.

3. Set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0482E   Unable to delete relationship. Reason code is <reason code>. Extended code is <extended code>.

Explanation: The Information Catalog Manager was unable to delete a relationship.

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response:

1. See the *Information Catalog Manager Reason Codes* section of the *Message Reference* for an explanation of the reason code and extended code.

2. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.

3. Determine what the error is, update the tag language file, and set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0483E   Unable to create relationship. Reason code is <reason code>. Extended code is <extended code>.

Explanation: The Information Catalog Manager was unable to create a relationship.

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint and stopped importing.

User Response:

1. See the *Information Catalog Manager Reason Codes* section of the *Message Reference* for an explanation of the reason code and extended code.

2. Examine the log file.

3. If you are doing a regular import (not MDIS import), examine the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.

4. Determine what the error is, update the tag language file, and import the tag language file again. If you are doing a regular import, you can set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0484E   The tag language file, <tag language file name>, was not found on the diskette. Insert the correct diskette and then press Enter.

Explanation: The indicated tag language file is not on the current diskette.

User Response: Insert the correct diskette and then press Enter.

FLG0485E   The diskette was inserted out of sequence. Insert diskette number <number>, and then press Enter.

Explanation: The current diskette was inserted out of sequence.

The input tag language file is stored on multiple diskettes, so you must insert the diskettes in correct sequence.

User Response: Insert the correct diskette and then press Enter.

FLG0486I   Insert diskette number <number>, and then press Enter.

FLG0487E   Syntax error -- INSTANCE tag. No property name (short_name) was found. At least one property name (short_name) is required.

Explanation: No property short names (short_name) were specified for this INSTANCE tag. One or more property short names (short_name) and values must be specified for the INSTANCE tag in the following cases:

Updating an object instance
> :ACTION.OBJINST(UPDATE)
> :OBJECT.TYPE()
> :INSTANCE.SOURCEKEY()
> *short_name*(*value*) ...

Adding or merging an object instance
> :ACTION.OBJINST(ADD) or
> :ACTION.OBJINST(MERGE)
> :OBJECT.TYPE() CATEGORY()
> EXTNAME() PHYNAME() ICOFILE()
> :INSTANCE.*short_name*(*value*) ...

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response:

1. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.

2. Specify one or more property short names (short_name) and values for this INSTANCE tag.

3. Set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0488W   Icon information for object type <object type name> was not updated because the Information Catalog Manager could not retrieve icon file <icon file name>. Reason code is <reason code>.

Explanation: The Information Catalog Manager could not update the icon information for the indicated object type, because the specified icon

file could not be retrieved.

User Response:

1. Examine the log file to identify the object types that are missing icon information.
2. Correct the icon information by updating the object type using either Information Catalog Manager windows or tag language.

FLG0489E **Syntax error -- ACTION tag. <keyword> value exceeds maximum length of <maximum length>.**

Explanation: The indicated keyword value is longer than the indicated maximum length allowed for the keyword value.

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response:

1. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.
2. Determine what the error is and update the tag language file.
3. Set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0490I **Import started: tag language file -- <tag language file name>**

FLG0491I **Import ended: tag language file -- <tag language file name>**

FLG0492I **Commit successful for checkpoint <checkpoint ID>.**

FLG0493I **Import terminated with errors. The database has been rolled back to either the last commit point or the beginning of the tag language file.**

FLG0494I **Import completed successfully.**

FLG0496E **Syntax error -- <tag name> tag. Left parenthesis not found where expected.**

Explanation: The indicated tag contains a keyword that is not followed by a left parenthesis. A left parenthesis is required after any keyword.

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response:

1. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.
2. Determine what the error is and update the tag language file.
3. Set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0497E **Syntax error -- <tag name> tag. <keyword/short name> value contains a parenthesis that is not enclosed by single quotation marks.**

Explanation: The indicated value contains one or more parenthesis that are not enclosed in single quotation marks. Any parenthesis in a keyword value must be enclosed in single quotation marks, as shown (the line break in this example is not significant, type the tag coding all on one line):

```
:INSTANCE.REMARK(This is a '('great')'
example)
```

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response:

1. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.
2. Determine what the error is and update the tag language file.
3. Set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0498I Object type to be deleted (<object type name>) was not found. Import continues.

FLG0499I Import completed with warnings.

FLG0500E Syntax error. A valid tag, <tag name>, is followed by extra characters.

Explanation: Invalid characters were found after the indicated tag and before the beginning of the next tag.

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response:
1. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.
2. Determine what the error is and update the tag language file.
3. Set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0501E Syntax error -- <tag name> tag. No keyword was specified for this tag.

Explanation: One of the following tags was specified without any keywords:

ACTION
COMMIT
OBJECT

PROPERTY
RELTYPE

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response:
1. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.
2. Add the required keywords to the tag.
3. Set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0502E Syntax error -- <tag name> tag. Value for <keyword> is missing or all blanks.

Explanation: The value for the indicated keyword is either missing or all blanks.

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response:
1. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.
2. If the value is required, specify the value. If the value is optional, and you want to omit it, remove the keyword.
3. Set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0504E Object instance to be updated was not found. Object type: <object type name>. UUI: <part 1>, <part 2>, <part 3>, <part 4>, <part 5>.

Explanation: The indicated object instance to be updated was not found in the information catalog. The information catalog does not contain an object with the indicated UUI (universal

unique identifier) property values.

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response:

1. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.

2. Correct any UUI property values that are in error.

3. Set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0505E   Unable to create object type \<object type name\>. Reason code is \<reason code\>. Extended code is \<extended code\>.

Explanation: The Information Catalog Manager was unable to create the indicated object type upon import.

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response: See the *Information Catalog Manager Reason Codes* section of the *Message Reference* for an explanation of the reason code and extended code.

FLG0506I   Object instance to be deleted was not found. Object type: \<object type name\>. UUI: \<part 1\>, \<part 2\>, \<part 3\>, \<part 4\>, \<part 5\>. Import continues.

FLG0507E   Error in closing echo file. Reason code is \<reason code\>.

Explanation: The Information Catalog Manager encountered an error when closing the echo file.

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response: See the *Information Catalog Manager Reason Codes* section of the *Message Reference* for an explanation of the reason code.

FLG0508I   Duplicated relationship. UUIs:

FLG0510I   Cannot delete relationship because it does not exist. UUIs:

FLG0511E   Syntax error -- PROPERTY tag. \<keyword\> is not used with the PROPERTY tag when SHRTNAME(NAME) is specified.

Explanation: The indicated keyword is invalid with the PROPERTY tag when the SHRTNAME keyword has a value of NAME. Because NAME is a reserved property short name, the PROPERTY tag can have only the following syntax in this case:

`:PROPERTY.SHRTNAME(NAME) UUISEQ(`*n*`)`

No other PROPERTY keywords are valid.

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response:

1. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.

2. Correct the syntax of the PROPERTY tag.

3. Set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0512E   No valid tags were found in the tag language file.

Explanation: The Information Catalog Manager cannot recognize the contents of the tag language file because the file does not start with a valid tag.

User Response:

1. If the tag language file contains user information, use comment tags to identify this information.
2. Fix the error and import the tag language file again.

FLG0513E **Tag language file exceeds the maximum number of discrete object types allowed when importing or exporting.**

Explanation: During import, this message means that the tag language file contains more than 3500 discrete object types.

During export, this message means that the Information Catalog Manager has already exported 3500 discrete object types.

User Response: If importing, divide the tag language file into smaller files to reduce the number of discrete object types that you are importing for each use of the import function.

If exporting, export fewer discrete object types during each run of the export function.

FLG0514E **Syntax error -- < tag name> tag. Right parenthesis was found where not expected. One of the following is missing: left parenthesis, keyword, short_name, or UUI_short_name.**

Explanation: The Information Catalog Manager encountered a right parenthesis that is out of sequence. One of the following elements is missing from a tag:

Left parenthesis: In the following example, NAME and VALUE should be separated by a left parenthesis:

Error   :INSTANCE.NAMEVALUE)

Correct :INSTANCE.NAME(VALUE)

Keyword: In the following example, you need to specify the TYPE keyword between the OBJECT tag and the value ABC:

Error   :OBJECT.)

Correct :OBJECT.TYPE(ABC)

short_name: In the following example, you need to specify a property short name and value before the next right parenthesis (or remove the right parenthesis):

Error   :INSTANCE.PROP1(VALUE1) PROP2(VALUE2))

Correct :INSTANCE.PROP1(VALUE1) PROP2(VALUE2) PROP3(VALUE3)

UUI_short_name: In the following example, the UUI_short_name (8-character name for a UUI property) and a value need to be specified within the parentheses for SOURCEKEY

Error: :INSTANCE.SOURCEKEY()

Correct: :INSTANCE.SOURCEKEY(UUI_1(VALUE1))

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response:
1. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.
2. Add the required elements to the invalid tag.
3. Set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0515E **Syntax error -- <tag name> tag. Left parenthesis was found where not expected. One of the following is missing: keyword, short_name, or UUI_short_name.**

Explanation: The Information Catalog Manager encountered a left parenthesis that is out of sequence. One of the following elements is missing from a tag:

Keyword: In the following example, a keyword is required between :ACTION. and the option (ADD):

Error   :ACTION.(ADD)

Correct :ACTION.OBJTYPE(ADD)

short_name: In the following example, you need to specify a property short name before the value of the property (Using the Information Catalog Manager):

Error   :INSTANCE.(Using the Information Catalog Manager)

Correct :INSTANCE.TITLE(Using the Information Catalog Manager)

UUI_short_name: In the following example, the UUI_short_name needs to be specified before the value (J. Smith):

Error   :INSTANCE.SOURCEKEY((J. Smith) TITLE(Using the Information Catalog Manager))

Correct :INSTANCE.SOURCEKEY(AUTHOR(J. Smith) TITLE(Using the Information Catalog Manager))

The Information Catalog Manager rolled back the database to the last commit checkpoint, and stopped importing.

User Response:
1. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.
2. Add the required elements to the tag.
3. Set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0516W   Unable to delete the relationship. Could not find source UUI: <part 1>, <part 2>, <part 3>, <part 4>, <part 5>.

Explanation: The Information Catalog Manager could not delete a relationship because it could not find the specified source object instance in the target information catalog. The UUI values for the SOURCEKEY keyword did not match any object instance in the information catalog.

Processing continues.

FLG0517E   Unable to create the relationship. Could not find source UUI: <part 1>, <part 2>, <part 3>, <part 4>, <part 5>.

Explanation: The Information Catalog Manager could not add the relationship because it could not locate the source object instance (SOURCEKEY) in the target information catalog.

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response:
1. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.
2. Change the UUI for the source object instance (SOURCEKEY).
3. Set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0518W   Unable to delete the relationship. Could not find target UUI: <part 1>, <part 2>, <part 3>, <part 4>, <part 5>.

Explanation: The Information Catalog Manager could not delete the relationship because it could not find the specified target object instance in the information catalog. The values specified for UUI properties for the TARGETKEY keyword did not match any instance in the information catalog.

Processing continues.

FLG0519E   Unable to create relationship. Could not find target UUI: <part 1>, <part 2>, <part 3>, <part 4>, <part 5>.

Explanation: The Information Catalog Manager could not add the relationship because it could not locate the target object instance in the target information catalog. The values for UUI

properties for the TARGETKEY keyword did not match any object instance in the target information catalog.

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response:

1. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.

2. Change the UUI values for the target object instance (TARGETKEY).

3. Set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0520E   The Information Catalog Manager has encountered an unexpected problem and must close. Administrator action is required. Reason code is <reason code>.

Explanation: The Information Catalog Manager is unable to free memory.

User Response:

1. After the Information Catalog Manager closes, save the trace file by renaming it. (The trace file has the same name as the information catalog you are using, with an extension of TRC; it is located in the directory specified in DGWPATH.)

2. Reopen the Information Catalog Manager and try the action again. If the message appears again, administrator action is required.

3. Contact IBM Software Support.

FLG0521E   The Information Catalog Manager must close because more memory is needed. You might need to close some other windows or applications.

Explanation: The Information Catalog Manager needs more memory to continue for one of the following reasons:

- Too many applications are running.
- The Information Catalog Manager contains too many objects or object types.

User Response: After the Information Catalog Manager closes, close some other windows and applications and then reopen the Information Catalog Manager.

Administrator Response: Delete some objects or object types from the current information catalog using the import function.

FLG0522I   Deleted object type <object type name> and all its underlying object instances.

FLG0523E   Unable to delete object type <object type name> and its underlying objects. Reason code is <reason code>. Extended code is <extended code>.

Explanation: The Information Catalog Manager was unable to delete the indicated object type and any objects of that type.

The Information Catalog Manager rolled back the information catalog to the last commit checkpoint, and stopped importing.

User Response:

1. See the *Information Catalog Manager Reason Codes* section of the *Message Reference* for an explanation of the reason code and extended code.

2. Examine the log file and the echo file. One of the last two tags in the echo file (not including COMMENT tags) is the tag in error.

3. Determine what the error is, update the tag language file, and set the restart option to C (checkpoint) to import the tag language file starting from the last commit checkpoint.

FLG0524I   Deleted object instance and underlying tree structure. Object type: <object type name>. UUI:

FLG0525I Deleted tree structure for object instance including all underlying objects. Object type: <object type name>. UUI:

FLG0600I The information catalog was registered successfully. The Information Catalog Manager icons have been generated.

FLG0601I The information catalog was created successfully. The Information Catalog Manager icons have been generated.

FLG0602E An information catalog with this name already exists. SQLCODE=<SQLCODE>, SQLSTATE=<SQLSTATE>.

FLG0603I An information catalog with this alias already exists. The Information Catalog Manager icons have been generated.

FLG0604E Unable to load the code page. Refer to the Information Catalog Manager installation documentation for code page settings.

FLG0606E The Information Catalog Manager encountered a problem allocating memory and must close.

FLG0607E Unable to open the command file.

FLG0608E Unable to close the command file.

FLG0609E Unable to read the command file.

FLG0610E Information catalog name contains invalid characters. SQLCODE=<SQLCODE>, SQLSTATE=<SQLSTATE>.

FLG0611P Registration is in progress. Please wait.

FLG0612E You selected an invalid drive ID, or a drive ID to which you do not have read/write access.

FLG0613E Information catalog creation failed; SQLCODE=<SQLCODE>, SQLSTATE=<SQLSTATE>.

FLG0614E Unable to create the information catalog system table: <system table name>. SQLCODE=<SQLCODE>, SQLSTATE=<SQLSTATE>.

FLG0615E Unable to bind the Information Catalog Manager to the information catalog. The Information Catalog Manager has encountered an unexpected database error or cannot find the bind file in the current directory or path. SQLCODE=<SQLCODE>, SQLSTATE=<SQLSTATE>.

FLG0616E The Information Catalog Manager lost connection to the information catalog. The information catalog might be in an inconsistent state and need to be dropped. SQLCODE=<SQLCODE>, SQLSTATE=<SQLSTATE>.

FLG0617E Unable to create the information catalog because of insufficient system resources. SQLCODE=<SQLCODE>, SQLSTATE=<SQLSTATE>.

FLG0618P Upgrade is in progress. Please wait.

FLG0619E You must have SYSADM authority to bind the Information Catalog Manager to the information catalog. SQLCODE=<SQLCODE>, SQLSTATE=<SQLSTATE>.

FLG0620E Unable to start the local database management system. SQLCODE=<SQLCODE>, SQLSTATE=<SQLSTATE>. Refer to your database documentation.

FLG0621E You must have SYSADM authority to create the information catalog. SQLCODE=<SQLCODE>, SQLSTATE=<SQLSTATE>.

FLG0622E You must have SYSADM authority to grant access to the information catalog. SQLCODE=<SQLCODE>, SQLSTATE=<SQLSTATE>.

FLG0623E Unable to connect to the database. SQLCODE=<SQLCODE>, SQLSTATE=<SQLSTATE>. Refer to your database documentation.

FLG0624P Creation is in progress. Please wait.

FLG0625E Unable to close the Information Catalog Manager. SQLCODE=< SQLCODE>, SQLSTATE=<SQLSTATE>. Refer to your database documentation.

FLG0626E The Information Catalog Manager encountered unexpected database damage and must close. SQLCODE=<SQLCODE>, SQLSTATE=<SQLSTATE>. Refer to your database documentation.

FLG0627E Unable to find the command files.

FLG0628I Command file started processing.

FLG0629E You cannot use <reserved word> as a name or alias, because it is a reserved word. Choose a different name or alias.

FLG0630E The Information Catalog Manager could not import the common object types. Reason code is <reason code>. Use the Import Common Object Types utility to import them after you fix the indicated error.

FLG0631E The Information Catalog Manager encountered an unexpected database error and must close. SQLCODE=<SQLCODE>, SQLSTATE=<SQLSTATE>. Refer to your database documentation.

FLG0632E A system error occurred. The selected command file cannot be processed.

FLG0633E The file is not executable. Modify it or select another command file and try again.

FLG0634W The Information Catalog Manager has encountered an unexpected help error. Help will not be available.

FLG0636E Registration of server node cannot continue, because there are no command files in the <directory name> directory.

FLG0638E The Information Catalog Manager has encountered an unexpected internal error and must close.

FLG0640W The selected command file is larger than <field name> field. You will not see the entire command file.

FLG0641E There is no registered node ID. The Information Catalog Manager cannot continue.

FLG0642E The Information Catalog Manager failed to create an AS/400 library collection: <collection name>, SQLCODE=<SQLCODE>, SQLSTATE=<SQLSTATE>. Contact your AS/400 administrator for assistance.

FLG0643E You must create the AS/400 library collection: ″DATAGUID″, prior to invoking this utility. SQLCODE=<SQLCODE>. SQLSTATE=<SQLSTATE>.

FLG0644E You must enter a value for <field name>.

FLG0645E The Information Catalog Manager has encountered a system error, or is unable to find the Information Catalog Manager icon files or the Information Catalog Manager executable file. the Information Catalog Manager icons will not be generated.

FLG0646E Your system does not have a valid Information Catalog Manager code page. Refer to the Information Catalog Manager installation documentation for the supported code pages.

FLG0647E The code page you selected is not supported by the database. Refer to your database documentation for valid code pages.

FLG0648E Information catalog creation failed. The DB2 for OS/2 create database API rc=<rc>.

FLG0649E This upgrade is not valid because there are no database IDs in the system database directory.

FLG0650E Unable to open the icon file. Make sure the sample icon files are stored in a directory specified in the PATH statement. Depending on your operating system, the PATH is set in your system registry, your AUTOEXEC.BAT, or your CONFIG.SYS.

FLG0651E The Information Catalog Manager cannot place sample icon files into the information catalog. SQLCODE=<SQLCODE>, SQLSTATE=<SQLSTATE>. Refer to your database documentation.

FLG0652I The information catalog was upgraded successfully. The Information Catalog Manager icons have been generated.

FLG0653E The required bind package is not defined in the database, or a timestamp conflict occurred. Make sure there is only one <bind file name> file in your path.

FLG0654I The information catalog was upgraded successfully. The Information Catalog Manager icons have been generated. However, some object types have UUI property lengths that exceed the 254 byte maximum length. See <listing of object types to update> for a listing of object types to update.

FLG0655E Error in writing to file <file name>.

FLG0656E The Information Catalog Manager has encountered an unexpected Windows error.

FLG0657E The Information Catalog Manager is unable to find the DGWPATH setting, or the drive or directory specified in DGWPATH is invalid. Depending on your operating system, the DGWPATH is set in your system registry, your AUTOEXEC.BAT, or your CONFIG.SYS file.

FLG0658I You have registered a database that is not an information catalog. Ask your administrator to create the information catalog.

FLG0659I You have registered a down-level information catalog. Ask your administrator to upgrade the information catalog.

FLG0660E The Information Catalog Manager cannot find the specified database. Create the database if it does not exist. Catalog remote databases on your workstation using the DB2 CATALOG DATABASE command.

FLG0661E A required object type does not exist in the information catalog. Ask your administrator to import the predefined object types.

FLG0701E Unable to open output tag language file <tag language file name>.

Explanation: DGETI_SM cannot open the DG_ETI.TAG for writing.

User Response: Verify that the file is not open or in use by another program.

FLG0702E Unable to read input file; the file is not in the correct format.

Explanation: The DGETI_SM command expects the file to be in a certain format, but the input file you specified does not follow the expected format; it might have been corrupted.

User Response: Contact your ETI administrator to generate a new file.

FLG0703E Error in writing to tag language file.

Explanation: The Information Catalog Manager encountered an error while writing to DG_ETI.TAG. You might not be able to use the tag language file.

User Response: Verify that the file is not open or in use by another program.

FLG0750I MDIS conversion started: input tag language file -- <tag language file name>; output tag language file -- <tag language file name>.

FLG0751I MDIS conversion completed successfully.

FLG0752I MDIS conversion terminated with errors.

FLG0753I MDIS import might have encountered errors. See the log file (<file name>) for messages.

FLG0754I MDIS export completed successfully. See the log file (<file name>) for details.

FLG0755I MDIS import completed successfully. See the log file (<file name>) for details.

FLG0756I MDIS export might have encountered errors. See the log file (<file name>) for messages.

FLG0757W Unable to export the specified object; it does not match any object in the information catalog.

Explanation: The information catalog does not contain an object that matches the values specified for /OBJTYPE and /OBJECTS on the /MDIS_EXPORT command.

User Response: Make sure that the MDIS object type and object name are specified correctly.

FLG0758I MDIS export completed for <object type> object, <MDIS object name>.

FLG0759E Invocation syntax error: The value specified for the /OBJECTS keyword is invalid.

Explanation: The value specified for the /OBJECTS keyword does not follow the correct format.

User Response: Enter the command to start the Information Catalog Manager for MDIS export, using a valid value for the keyword. Enter the command to open the Information Catalog Manager, using the missing keyword. See *Information Catalog Manager Administration Guide* for information on the correct syntax for invoking the Information Catalog Manager.

FLG0760E Invocation syntax error: The value specified for the /OBJTYPE keyword is invalid.

Explanation: The value specified for the /OBJTYPE keyword does not follow the correct format.

User Response: Enter the command to start the Information Catalog Manager for MDIS export, using a valid value for the keyword. Enter the command to open the Information Catalog Manager, using the missing keyword. See

Information Catalog Manager Administration Guide for information on the correct syntax for invoking the Information Catalog Manager.

FLG0761E MDIS syntax error -- BEGIN <MDIS section name> section. The <keyword> keyword is invalid for this section.

Explanation: The indicated keyword is not valid for the indicated section.

Each section has certain keywords that are valid.

Section	Valid keywords
BEGIN HEADER	CharacterSet
	ExportingTool
	ToolVersion
	ServerName
	ServerType
	ToolInstanceID
	MDISVersion
	Date
	Time
	MaxRecLength
BEGIN DATABASE	Identifier
	DateUpdated
	TimeUpdated
	DateCreated
	TimeCreated
	ServerName
	DatabaseName
	OwnerName
	DatabaseLongName
	BriefDescription
	LongDescription
	DatabaseType
	ServerType
	DatabaseStatus
	ContactName

Section	Valid keywords	Section	Valid keywords
BEGIN RECORD	Identifier	BEGIN DIMENSION	Identifier
	DateUpdated		DateUpdated
	TimeUpdated		TimeUpdated
	DateCreated		DateCreated
	TimeCreated		TimeCreated
	ServerName		ServerName
	DatabaseName		DatabaseName
	OwnerName		OwnerName
	RecordLongName		DimensionName
	BriefDescription		DimensionLongName
	LongDescription		BriefDescription
	RecordName		LongDescription
	RecordType		DimensionType
	RecordLastRefreshDate		DimensionCount
	RecordUpdateFrequency		DimensionLevelCount
	ContactName		ContactName
BEGIN ELEMENT	Identifier	BEGIN SUBSCHEMA	Identifier
	DateUpdated		DateUpdated
	TimeUpdated		TimeUpdated
	DateCreated		DateCreated
	TimeCreated		TimeCreated
	ServerName		ServerName
	DatabaseName		DatabaseName
	OwnerName		OwnerName
	RecordName		SubschemaName
	DimensionName		SubschemaLongName
	ElementName		BriefDescription
	ElementLongName		LongDescription
	BriefDescription		ContactName
	LongDescription	BEGIN	Identifier
	ElementDataType	RELATIONSHIP	SourceObjectIdentifier
	ElementLength		TargetObjectIdentifier
	ElementNulls		DateUpdated
	ElementKeyPosition		TimeUpdated
	ElementPosition		DateCreated
	ElementPrecsision		TimeCreated
	ElementOrdinality		ServerName
	ElementLastRefreshDate		OwnerName
	ContactName		RelationshipLongName
			BriefDescription
			LongDescription
			RelationshipName
			RelationshipType
			RelationshipExpresion
			SourceSequenceOrder
			RelationshipOrdinality
			RelationshipBidirectional
			ContactName

Section	Valid keywords
BEGIN	ToolName
APPLICATIONDATA	ToolData

The Information Catalog Manager stopped importing.

User Response:

1. Examine the tag language file to determine what the error is.
2. Update the tag language file.
3. Import the tag language file again.

FLG0762E   MDIS syntax error -- unexpected keywords. <invalid MDIS keyword> should be <MDIS keyword>.

Explanation: The indicated keywords are not valid. The keywords might not be valid MDIS keywords, for example START instead of BEGIN, or they might not be valid because BEGIN and END statements must appear in pairs, for example:

```
BEGIN DATABASE
END DATABASE
```

Keywords cannot be out of sequence either, for example, BEGIN RECORD cannot appear within a BEGIN ELEMENT section.

If the keywords found are more than 50 characters, only the first 47 are shown in the message text, followed by an ellipsis (...).

The Information Catalog Manager stopped importing.

User Response:

1. Examine the tag language file to determine what the error is.
2. Update the tag language file.
3. Import the tag language file again.

FLG0763E   MDIS syntax error -- <identifier> value <value> does not match a previously identified object.

Explanation: The indicated SourceObjectIdentifier or TargetObjectIdentifier value does not match any object identified in the tag language file prior to the current BEGIN RELATIONSHIP section.

The Information Catalog Manager stopped importing.

User Response:

1. Examine the tag language file to determine what the error is.
2. Update the tag language file.
3. Import the tag language file again.

FLG0764E   MDIS syntax error -- BEGIN <MDIS section name> section. The <keyword> keyword is missing.

Explanation: The indicated required keyword is missing from the indicated section.

Certain keywords are required, depending on the section.

Section	Required keywords
BEGIN HEADER	CharacterSet
	ExportingTool
	ToolVersion
	ToolInstanceID
	MDISVersion
	Date
	Time
BEGIN DATABASE	Identifier
	ServerName
	DatabaseName
	OwnerName
	DatabaseType
	ServerType[1]
BEGIN RECORD	Identifier
	RecordName
	RecordType

Section	Required keywords
BEGIN ELEMENT	Identifier
	ElementName
	ElementDataType
	ElementPrecision[2]
BEGIN DIMENSION	Identifier
	DimensionName
	DimensionType
BEGIN SUBSCHEMA	Identifier
	SubschemaName
BEGIN RELATIONSHIP	Identifier
	SourceObjectIdentifier
	TargetObjectIdentifier
	ServerName
	OwnerName
	RelationshipType
	RelationshipExpression[3]
	RelationshipOrdinality
	RelationshipBidirectional

Section	Keywords requiring values
BEGIN DATABASE	Identifier
	DatabaseType
BEGIN RECORD	Identifier
	RecordType
BEGIN ELEMENT	Identifier
	ElementDataType
	ElementPrecision
BEGIN DIMENSION	Identifier
BEGIN SUBSCHEMA	Identifier
BEGIN RELATIONSHIP	Identifier
	SourceObjectIdentifier
	TargetObjectIdentifier
	RelationshipType
	RelationshipOrdinality
	RelationshipBidirectional
BEGIN APPLICATIONDATA	ToolName

Notes:

1. Optional for MDIS Version 1.0, required for MDIS 1.1.
2. Required for decimal.
3. Required if RelationshipType is DERIVED.

The Information Catalog Manager stopped importing.

User Response:

1. Examine the tag language file to determine what the error is.
2. Update the tag language file.
3. Import the tag language file again.

FLG0765I   Current updates committed successfully.

FLG0766E   MDIS syntax error -- BEGIN <MDIS section name> section. <keyword> keyword value is missing, or is all blanks.

Explanation: Within the indicated section, the indicated required keyword value is missing or blank.

Certain keyword values are required, depending on the section.

Information Catalog Manager stopped importing.

User Response:

1. Examine the tag language file to determine what the error is.
2. Update the tag language file.
3. Import the tag language file again.

FLG0767W   The BEGIN DEFINITION section is missing. MDIS import continues.

Explanation: The current tag language file does not have a BEGIN DEFINITION section following the BEGIN HEADER section, as expected. The Information Catalog Manager continues MDIS import.

User Response:

1. Examine the tag language file to determine what the error is.
2. Either move an existing BEGIN DEFINITION section to its correct location following the BEGIN HEADER section, or create a BEGIN DEFINITION section.
3. Import the tag language file again.

FLG0768W   **BEGIN <MDIS section name> section. <keyword> keyword value has invalid date/time format. MDIS import continues.**

Explanation: Within the indicated section, the indicated keyword value has an invalid date/time format. Valid formats for each keyword are:

Keyword	Format
DateCreated	YYYY-MM-DD
DateUpdated	YYYY-MM-DD
TimeCreated	HH.MM.SS
TimeUpdated	HH.MM.SS
RecordLastRefreshDate	YYYY-MM-DD-HH.MM.SS
ElementLastRefreshDate	YYYY-MM-DD-HH.MM.SS

User Response:

1. Examine the tag language file to determine where the error is.
2. Ensure that the indicated value has the correct format.
3. You do not need to import the tag language file again unless you must have the correct value.

FLG0769E   **Error in reading MDIS profile file <file name>. Reason code is <reason code>.**

Explanation: The Information Catalog Manager was unable to read the indicated MDIS profile file.

User Response: See the *Information Catalog Manager Reason Codes* section of the *Message Reference* for an explanation of the reason code.

FLG0770E   **Error in closing MDIS profile file <file name>. Reason code is <reason code>.**

Explanation: The Information Catalog Manager was unable to close the indicated MDIS profile file.

User Response: See the *Information Catalog Manager Reason Codes* section of the *Message Reference* for an explanation of the reason code.

FLG0771I   **Metadata from <name> was published successfully.**

FLG0772I   **The Information Catalog Manager might have encountered errors while publishing metadata from <name>.**

FLG0773E   **MDIS syntax error -- BEGIN <MDIS section name> section. <keyword> keyword value is invalid.**

Explanation: Within the indicated section, the indicated required keyword value is invalid.

Certain keyword values are valid, depending on the section and other keyword values.

Section	Keywords	Valid values or formats
BEGIN HEADER	CharacterSet	ENGLISH INTLENG GERMAN FRENCH SPANISH JAPANESE SWISS PORTUG ITALIAN NORDIC
	MDISVersion	1.0 1.1
	Date	YYYY-MM-DD
	Time	HH.MM.SS
	MaxRecLength	integer 1-99999999
BEGIN DATABASE	DatabaseType	RELATIONAL MULTIDIMENSIONAL HIERARCHICHAL FILE OBJECT NETWORK
	DatabaseStatus	PRODUCTION DEVELOPMENT TEST

Section	Keywords	Valid values or formats
BEGIN RECORD	RecordType if DatabaseType is RELATIONAL	TABLE
	RecordType if DatabaseType is NETWORK	RECORD GROUP
	RecordType if DatabaseType is OBJECT	CLASS
	RecordType if DatabaseType is FILE	FILE GROUP
	RecordType if DatabaseType is HIERARCHICAL	GROUP SEGMENT
BEGIN ELEMENT	ElementDataType	CHAR VARCHAR STRING TEXT BINARY SIGNED-INTEGER UNSIGNED-INTEGER DECIMAL FLOAT DATE TIME TIMESTAMP RECORD PROGRAM
	ElementLength	integer
	ElementNulls	T F
	ElementKeyPosition	integer
	ElementPosition	integer
	ElementPrecision	integer
	ElementOrdinality	N integer
BEGIN DIMENSION	DimensionCount	N integer
	DimensionLevelCount	integer
BEGIN RELATIONSHIP	RelationshipType	EQUIVALENT DERIVED INHERITS-FROM CONTAINS INCLUDES LINK-TO REDEFINES GROUP-EQUIVALENT USER-DEFINED
	SourceSequenceOrder	integer:integer
	RelationshipOrdinality	1:1 1:N N:N 1:integer
	RelationshipBidirectional	T F

The Information Catalog Manager stopped importing.

User Response:

1. Examine the tag language file to determine what the error is.

2. Update the tag language file.

3. Import the tag language file again.

FLG0774E   **Unexpected end of file reached in MDIS profile file <file name>.**

Explanation: The Information Catalog Manager prematurely reached the end of the indicated MDIS profile file.

User Response:

1. Examine the indicated MDIS profile file to determine the error and fix it.

2. Invoke MDIS import to import your tag language file.

FLG0775E   **MDIS syntax error -- BEGIN <MDIS section name> section. The IDENTIFIER keyword value <value> is not unique.**

Explanation: The indicated value of the IDENTIFIER keyword is not unique. Values for the IDENTIFIER keyword must be unique.

The Information Catalog Manager stopped importing.

User Response:

1. Update the tag language file, inserting a unique IDENTIFIER value for the value in error.

2. Import the tag language file again.

FLG0776I   **Publication of metadata completed. See the trace file (<file name>) for details.**

FLG0777E   **MDIS syntax error -- MDIS profile file <file name>. <keyword> keyword value is invalid.**

Explanation: Within the indicated profile file, the indicated keyword value is invalid.

Profile file	Keywords	Valid values
Configuration	AllowOverride	T F
Tool	Database	T
	Subschema	T F
	Dimension	T F
	Record	T F
	Element	T F
	Relationship	T F
	Level	T F
	View	T F

Information Catalog Manager stopped importing.

User Response:

1. Examine the indicated profile file to determine what the error is.
2. Update the profile file with the valid value.
3. Import the tag language file again.

FLG0778E   MDIS profile file <file name> requested a function that is not supported by the current version of the Information Catalog Manager.

Explanation: The indicated profile file has requested a function currently unsupported by the Information Catalog Manager. For example, in the Configuration profile file, the following values are the only ones supported for these keywords:

Keyword	Supported value
Objects	*
AllowOverride	T

User Response:

1. Examine the indicated profile file to determine where the error is.
2. If you can substitute an alternative supported function, edit the profile file to include the supported keyword value.
3. If you changed the profile file, import the tag language file again.

FLG0779E   MDIS syntax error -- MDIS profile file <file name>. <invalid keywords> should be <valid keywords>.

Explanation: The indicated keywords are not valid. The keywords might not be valid because they are misspelled or abbreviated.

The Information Catalog Manager stopped importing.

User Response:

1. Examine the indicated profile file to determine what the error is.
2. Update the profile file.
3. Import the tag language file again.

FLG0780E   MDIS profile file <file name> contains conflicting values.

Explanation: The indicated tool profile file contains keyword values that are not compatible. For example, the ELEMENT keyword with the value T is not compatible if you specify the DIMENSION keyword with the value F or the RECORD keyword with the value F.

The Information Catalog Manager stopped importing.

User Response:

1. Examine the indicated tool profile file to determine what the error is.
2. Update the profile file.
3. Import the tag language file again.

FLG0781E   MDIS profile file <file name> is invalid.

Explanation: The indicated profile file does not contain the required keywords and values for the Information Catalog Manager to import the tag language file.

The configuration profile file must contain a BEGIN CONFIGURATION/END CONFIGURATION pair containing the following keywords and values:

Keywords	Values
TargetToolName	Information Catalog Manager
TargetToolVersion	3.1
TargetToolInstance	Null, or must match the information catalog name
SourceToolName	Must match ExportingTool value in BEGIN HEADER section of tag language file being imported.
SourceToolVersion	Must match ToolVersion value in BEGIN HEADER section of tag language file being imported.
SourceToolInstance	Null, or must match ToolInstanceID value in BEGIN HEADER section of tag language file being imported
MDISVersion	Must match MDISVersion value in BEGIN HEADER section of tag language file being imported.

The tool profile file must contain a BEGIN TOOL/END TOOL pair containing the following keywords and values:

Keywords	Values

ToolName	Information Catalog Manager
ToolVersion	3.1
MDISVersion	Must match MDISVersion value in BEGIN HEADER section of tag language file being imported.

Information Catalog Manager cannot import the tag language file.

User Response:

1. Examine the indicated profile file to determine what the error is.
2. Update the profile file.
3. Import the tag language file again.

FLG0782E   MDIS syntax error -- MDIS profile file <file name>. The <keyword> keyword is invalid for this profile file.

Explanation: The indicated keywords are not valid for the indicated profile file. Valid keywords for each profile file are:

Profile file	Valid keywords
Configuration profile	TargetToolName
	TargetToolVersion
	TargetToolInstance
	SourceToolName
	SourceToolVersion
	SourceToolInstance
	MDISVersion
	Objects
	AllowOverride

Tool profile	ToolName
	ToolVersion
	MDISVersion
	Database
	Subschema
	Dimension
	Record
	Element
	Relationship
	Level
	View
	InvokeImport
	InvokeExport
	Begin ApplicationData
	End ApplicationData

Information Catalog Manager stopped importing.

User Response:
1. Examine the indicated profile file to determine what the error is.
2. Update the profile file.
3. Import the tag language file again.

FLG0783E   MDIS syntax error -- MDIS profile file <file name>. <keyword> value exceeds maximum length of <maximum length>.

Explanation: The indicated keyword value in the indicated MDIS profile file is longer than the indicated maximum length permitted for that keyword value. The Information Catalog Manager stopped importing the tag language file.

User Response:
1. Examine the indicated profile file.
2. Determine what the error is and update the profile file.
3. Import the tag language file again.

FLG0784W   BEGIN <MDIS section name> section. <keyword or property short name> value was truncated because it exceeded maximum length of <maximum length>. MDIS import continues.

Explanation: The indicated keyword or property short name value in the indicated MDIS section is longer than the indicated maximum length permitted for that keyword value. The keyword value was truncated and the Information Catalog Manager continued importing the tag language file.

User Response:
1. Examine the log file.
2. Determine what the error is and, if any required data was lost, update the tag language file.
3. Import the tag language file again, if necessary.

FLG0785E   MDIS syntax error -- BEGIN <MDIS section name> section. <keyword or property short name> value exceeds maximum length of <maximum length>.

Explanation: The indicated keyword or property short name value in the indicated MDIS section is longer than the indicated maximum length permitted for that keyword value.

User Response:
1. Examine the log file.
2. Determine what the error is and update the tag language file.
3. Import the tag language file again.

FLG0786E   MDIS syntax error -- BEGIN <MDIS section name> section. <MDIS keyword> keyword value <value> does not match parent value.

Explanation: Within the indicated MDIS section, the indicated keyword value is explicitly specified in the tag language file. As specified,

the value conflicts with the value specified for the corresponding keyword in the other section or sections within which it is nested.

For example, if you are importing columns within a relational table, you import nested objects as follows:

Databases object type object
    Relational tables and views object
        Columns or fields object

If you explicitly specify values for each of the above objects, the values must match as follows:

Part 1	Part 2	Part 3	Part 4
ServerName	DatabaseName		
ServerName	DatabaseName	OwnerName	RecordName
ServerName	DatabaseName	OwnerName	RecordName

User Response:

1. Examine the tag language file to determine what the error is.

2. Update the tag language file.

3. Import the tag language file again.

FLG0787W   MDIS profile file <file name>. <function name> function is not supported by the current version of the Information Catalog Manager. MDIS import continues.

Explanation: The indicated tool profile file has requested a function not currently supported by the Information Catalog Manager. In the tool profile file, the following values are the only ones supported for these keywords:

Keyword	Supported value
VIEW	F
LEVEL	F

User Response: After the Information Catalog Manager finishes importing the tag language file, examine the log file to determine whether any problems occurred because of the unsupported value.

FLG0788E   MDIS syntax error -- BEGIN <MDIS section name> section is not valid in its current position.

Explanation: The indicated MDIS section is invalid where it is currently placed in the tag language file. You can nest MDIS sections according to certain rules:

Section	Is valid within BEGIN DATABASE if:
BEGIN RECORD	DatabaseType is not Multidimensional; it can be the first section
	It follows another valid BEGIN RECORD section
	It follows a BEGIN SUBSCHEMA section if DatabaseType is not Hierarchical
	Does not follow a BEGIN DIMENSION section
BEGIN DIMENSION	DatabaseType is Multidimensional
	Does not follow an initial BEGIN RECORD section
	Does not follow an initial BEGIN SUBSCHEMA section
BEGIN SUBSCHEMA	It is the first section
	It follows other valid BEGIN SUBSCHEMA sections
	It follows an initial BEGIN RECORD section if the DatabaseType is not hierarchical
	Does not follow BEGIN DIMENSION section

User Response:

1. Examine the tag language file to determine what the error is.
2. Update the tag language file.
3. Import the tag language file again.

FLG0789E   MDIS syntax error -- BEGIN <MDIS section name> section. Property short name <short name> for object type <object type name> was not found in the target information catalog.

Explanation: The indicated property short name within the indicated section does not match any property short name for the indicated object type in the target information catalog. Either the object type does not conform to MDIS, or the object type definition in the information catalog ApplicationData section contains an invalid property short name.

The Information Catalog Manager stopped importing.

User Response:

1. Examine the log file and the tag language file to determine what the error is.
2. Update the tag language file.
3. Import the tag language file again.

FLG0790E   MDIS syntax error -- information catalog ApplicationData section. Left parenthesis was found where not expected. A property_short_name is missing.

Explanation: The Information Catalog Manager encountered a left parenthesis that is out of sequence. For MDIS Version 1.1, the ApplicationData section must follow this format:

```
BEGIN ApplicationData
ToolName "toolname"
ToolData "tooldata"
ToolName "Information Catalog Manager"
ToolData "property_short_name(property_value)
        property_short_name(property_value)
...
END ApplicationData
```

This message indicates that a left parenthesis was found unexpectedly, for example:

```
ToolData "(property_value)"
```

indicating that a property short name is missing.

User Response:

1. Examine the log file and the tag language file to determine what the error is.
2. Update the indicated ApplicationData section in the tag language file.
3. Import the tag language file again.

FLG0791E   MDIS syntax error -- information catalog ApplicationData section. Left parenthesis not found where expected.

Explanation: The Information Catalog Manager did not find an expected left parenthesis. For MDIS Version 1.1, the ApplicationData section must follow this format:

```
BEGIN ApplicationData
ToolName "toolname"
ToolData "tooldata"
ToolName "Information Catalog Manager"
ToolData "property_short_name(property_value)
        property_short_name(property_value)
...
END ApplicationData
```

This message indicates that a left parenthesis was not found, for example:

```
ToolData "property_short_name property_value)"
```

User Response:

1. Examine the log file and the tag language file to determine what the error is.
2. Update the indicated ApplicationData section in the tag language file.
3. Import the tag language file again.

FLG0792E   MDIS syntax error -- MDIS file <file name>. Double quotation mark was found where not expected. A keyword is missing.

Explanation: Within the indicated file, the Information Catalog Manager encountered a

double quotation mark (") that is out of sequence. Double quotation marks are expected following keywords, but in this case, no keyword was found.

User Response:

1. Examine the indicated file to determine what the error is.
2. Update the indicated file.
3. Import the tag language file again.

FLG0793E   MDIS syntax error -- MDIS file <file name>. Double quotation mark not found where expected.

Explanation: Within the indicated file, Information Catalog Manager did not find an expected double quotation mark ("). Double quotation marks are expected following keywords, but in this case, a keyword was found without a subsequent double quotation mark.

User Response:

1. Examine the indicated file to determine what the error is.
2. Update the indicated file.
3. Import the tag language file again.

FLG0794E   MDIS syntax error -- MDIS file <file name>. A keyword value is longer than the allowed maximum of 32,700 bytes.

Explanation: The indicated file contains a value that is too long for the Information Catalog Manager to import. The maximum length for a value is 32,700 bytes.

User Response:

1. Examine the indicated file to find the value that exceeds 32,700 bytes.
2. Shorten the value as necessary.
3. Import the tag language file again.

FLG0795I   Duplicated existing container/containee relationship between MDIS identifier <identifier> and MDIS identifier <identifier>.

FLG0796I   Created new container/containee relationship between MDIS identifier <identifier> and MDIS identifier <identifier>.

FLG0797I   Updated object instance. MDIS identifier: <identifier>. The information catalog type: <object type name>. UUI:

FLG0798I   Created new object instance. MDIS identifier: <identifier>. The information catalog type: <object type name>. UUI:

FLG0799E   MDIS syntax error -- information catalog ApplicationData section. A value contains a parenthesis that is not enclosed by single quotation marks.

Explanation: Within the information catalog ApplicationData section of the tag language file, a value contains one or more parentheses that are not enclosed in single quotation marks. Any parenthesis in a keyword value must be enclosed in single quotation, for example (the line break in this example is not significant, you can type the following example all on one line):

```
ToolData
"property_short_name(xxx '('123')' yyy zzz)"
```

The Information Catalog Manager stopped importing.

User Response:

1. Examine the log file and the tag language file to determine what the error is.
2. Update the indicated ApplicationData section in the tag language file.
3. Import the tag language file again.

FLG0800E   **MDIS syntax error -- ApplicationData exceeds the information catalog limits.**

Explanation: The ApplicationData section of the tag language file is too large for the Information Catalog Manager to import into the information catalog ApplicationData object type. The ApplicationData object type contains 10 properties; the value of each property cannot exceed 32700 bytes.

The Information Catalog Manager stopped importing.

User Response:

1. Examine the log file to determine where the error is.
2. In the tag language file, locate the ApplicationData section that is too large and adjust its size to be within the information catalog limits.
3. Import the tag language file again.

Chapter 10. GSE Messages

This section contains the DB2 Spatial Extender messages. The messages are listed in numeric sequence.

GSE0000I The operation is completed successfully.

GSE0001E Spatial Extender could not perform the requested operation ("<operation-name>") under user ID "<user-id>".

Explanation: You requested this operation under a user ID that does not hold the privilege or authority to perform the operation.

User Response: Consult the documentation to find out what the proper authorization is or obtain it from a Spatial Extender administrator.

GSE0002E "<value>" is not a valid value for the "<argument-name>" argument.

Explanation: The value that you entered was incorrect or misspelled.

User Response: Consult the documentation or a Spatial Extender administrator to find out what value or range of values you need to specify.

GSE0003E Spatial extender could not perform the requested operation because argument "<argument-name>" was not specified.

Explanation: You did not specify an argument that is required for this operation.

User Response: Specify argument "<argument-name>" with the value that you want; then request the operation again.

GSE0004W The argument "<argument-name>" was not evaluated.

Explanation: The operation you requested does not use argument "<argument-name>".

User Response: None required.

GSE0005E Spatial Extender could not process your request to create an object named "<object-name>".

Explanation: Either object "<object-name>" already exists, or you do not have the proper permission to create it. It could be a table, column, trigger, index, file, or other kind of object.

User Response: If "<object-name>" is the object that you want, do nothing. Otherwise, specify the name correctly and verify that you have the right permission to create the object.

GSE0006E Spatial Extender could not perform the requested operation on an enabled or registered object named "<object-name>".

Explanation: Object "<object-name>" is already enabled or registered, or it already exists. It could be a layer, index, spatial reference system, coordinate system, geocoder, or other kind of object.

User Response: Make sure that object "<object-name>" exists and resubmit your request.

GSE0007E   **Spatial Extender could not perform the requested operation on "<object-name>", an object that has not yet been enabled or registered.**

Explanation: Object "<object-name>" has not been enabled or registered. It could be a layer, index, spatial reference system, spatial coordinate system, geocoder, or other kind of object.

User Response: Enable or register object "<object-name>". Then resubmit your request.

GSE0008E   **An unexpected SQL error ("<sql-error-message>") has occurred.**

User Response: Look up detailed message associated with SQLCODE in the SQL error message "<sql-error-message>". If necessary, contact your IBM service representative.

GSE0009E   **The requested operation could not be performed on an object named "<object-name>" that already exists.**

Explanation: "<object-name>" already exists in the database or the operating system. It could be a file, table, view, column, index, trigger, or other kind of object.

User Response: Make sure that you specify the object correctly when you try to access it. If necessary, delete the object.

GSE0010E   **The requested operation could not be performed on an object named "<object-name>" that might not exist.**

Explanation: "<object-name>" does not exist in the database or in the operating system. It could be a file, table, view, column, index, trigger, file, or other kind of object.

User Response: Make sure that you have the right permission to access the object. If you have this permission and the object does not exist, then you need to create it.

GSE0011E   **Spatial Extender could not disable or unregister object "<object-name>".**

Explanation: "<object-name>" is dependent on another object. "<object-name>" could be a spatial reference system, layer, geocoder, or other kind of object.

User Response: Consult the documentation to find what kinds of objects "<object-name>" can be dependent on. Then remove the specific object that "<object-name>" is dependent on.

GSE0012E   **Spatial Extender could not process your request because the fully qualified spatial column "<layer-schema.layer-name.layer-column>" is not registered as a table layer.**

Explanation: The fully qualified spatial column "<layer-schema.layer-name.layer-column>" must be registered as a table layer before you can perform certain operations associated with it (for example, enabling its index, enabling a geocoder to populate it in batch mode or to update it automatically).

User Response: Make sure that the fully qualified spatial column "<layer-schema.layer-name.layer-column>" is registered as a table layer by checking the DB2GSE.GEOMETRY_COLUMNS view in the Spatial Extender catalog. Also make sure that the table that contains this column also includes valid corresponding attribute columns.

GSE0013E   **The database is not enabled for spatial analysis.**

Explanation: The database is not enabled for spatial operations. Therefore, the Spatial Extender catalog does not exist.

User Response: Enable the database for spatial operations.

GSE0014E **The database has already been enabled for spatial operations.**

Explanation: The database has already been enabled for spatial operations.

User Response: Verify that the database has been enabled as you expected. If necessary, disable the database.

GSE0498E **The following error occurred: "<error-message>".**

GSE0499W **Spatial Extender issued the following warning: "<warning-message>".**

GSE0500E **The operation mode that you specified ("<operation-mode>") is invalid.**

Explanation: The specified mode is not supported by the operation that you requested.

User Response: Consult the documentation to find out what modes are supported by the operation.

GSE1001E **Spatial Extender was unable to register a view layer that is named "<schema-name.view-name.column-name>" and that is based on spatial column "<schema-name.table-name.column-name>".**

Explanation: The spatial column that you specified ("<schema-name.table-name.column-name>") has not been registered as a table layer.

User Response: Register column "<schema-name.table-name.column-name>" as a table layer.

GSE1002E **Spatial Extender was unable to register a view layer that is named "<schema-name.view-name.column-name>" and that is based on table "<schema-name.table-name>".**

Explanation: The table that you specified ("<schema-name.table-name>") does not underlie view "<schema-name.view-name.column-name>", either directly or indirectly.

User Response: Find out what the base table for view "<schema-name.view-name.column-name>" is, and specify this table.

GSE1003E **Spatial Extender was unable to access a column named "<column-name>" in a table or view named "<schema-name.object-name>".**

Explanation: Table or view "<schema-name.object-name>" does not have a column named "<column-name>".

User Response: Check the definition of table or view "<schema-name.object-name>" to find out the proper name of the column that you want.

GSE1004E **Spatial Extender was unable to register the fully qualified spatial column "<schema-name.table-name.column-name>" as a table layer.**

Explanation: Column "<schema-name.table-name.column-name>" does not have a spatial data type, or is not associated with a base table.

User Response: Define a spatial data type for column "<schema-name.table-name.column-name>", or make sure that this column is part of a local base table.

GSE1005E   **The spatial reference system ("<view-layer-spatial-reference-id>") that you specified for a view layer differs from the spatial reference system ("<table-layer-spatial-reference-id>") that is used for this layer's underlying table layer.**

Explanation: A view layer's spatial reference system must be the same as the underlying table layer's spatial reference system.

User Response: Specify the underlying table layer's spatial reference system for the view layer.

GSE1006E   **Because "<spatial-reference-id>" is an invalid spatial reference system ID, Spatial Extender was unable to register the layer that you requested.**

Explanation: The spatial reference system that you specified ("<spatial-reference-id>") has not been enabled or registered.

User Response: Enable or register the spatial reference system. Then resubmit your request to register the layer.

GSE1007E   **An SQL error (SQLSTATE "<sqlstate>") might have occurred when Spatial Extender tried unsuccessfully to add a spatial column ("<column-name>") to table "<schema-name.table-name>".**

User Response: Look up the message associated with SQLSTATE "<sqlstate>".

GSE1008E   **Spatial Extender was unable to register a view layer "<layer-schema.layer-name.layer-column>" because the spatial data type "<layer-column-type>" of the view layer does not match the spatial data type "<geo-column-type>" of the underlying table layer "<geo-schema.geo-name.geo-column>".**

Explanation: The spatial data type of a view layer "<layer-schema.layer-name.layer-column>" must match the spatial data type of the layer's underlying table layer "<geo-schema.geo-name.geo-column>". The inconsistency between these two data types causes ambiguity when spatial data is processed.

User Response: Make sure that the spatial data types of the view layer and its underlying table layer are the same.

GSE1020E   **"<'spatial-reference-id>" is an invalid spatial reference system ID.**

Explanation: A spatial reference system with an identifier of "<'spatial-reference-id>" has not been enabled.

User Response: Make sure the specified spatial reference has been enabled.

GSE1021E   **Spatial Extender could not enable spatial reference system "<spatial-reference-id>" because the corresponding spatial coordinate system ID "<spatial-coordinate-id>" is invalid.**

Explanation: A coordinate system with an identifier of "<spatial-coordinate-id>" is not defined in the Spatial Extender catalog.

User Response: Verify the coordinate system identifier "<spatial-coordinate-id>" by checking the DB2GSE.COORD_REF_SYS view in the Spatial Extender catalog.

GSE1030E **Because "<schema-name.table-name>" is not a base table, Spatial Extender could not enable a geocoder for it.**

Explanation: The object that contains the source data that you want geocoded must be a base table.

User Response: Be sure that the columns that contain the source data that you want geocoded are part of a base table.

GSE1031E **Spatial Extender could not enable geocoder "<geocoder-id>" to operate automatically in create mode for layer "<layer-schema.layer-name.layer-column>".**

Explanation: Possible explanations are:

- The geocoder is already enabled to update layer "<layer-schema.layer-name.layer-column>" automatically.
- The geocoder has been temporarily invalidated for this layer.
- No columns for source data have been defined for this layer.

User Response: If the geocoder has been temporarily invalidated, enable it to operate automatically in "Recreate" mode.

GSE1032E **Spatial Extender could not enable geocoder "<geocoder-id>" to operate automatically in recreate mode for layer "<layer-schema.layer-name.layer-column>".**

Explanation: Possible explanations are:

- The geocoder is already enabled to update layer "<layer-schema.layer-name.layer-column>" automatically.
- The geocoder was not previously invalidated for this layer.
- No columns for source data have been defined for this layer.

User Response: If the geocoder was previously

disabled in drop mode, or if it was never defined for this layer, enable it to operate automatically in ″Create″ mode.

GSE1033E **An SQL error occurred when Spatial Extender tried to add triggers to a table that contains the column for layer "<layer-schema.layer-name.layer-column>" (SQLSTATE "<sqlstate>").**

Explanation: The purpose of the triggers is to maintain data integrity between the attribute columns that the geocoder's input comes from and the spatial column that its output goes into. The SQL error occurred when DB2 tried to create these triggers.

User Response: Look up the message associated with SQLSTATE "<sqlstate>".

GSE1034E **Spatial Extender could not disable geocoder "<geocoder-id>" in drop mode for layer "<layer-schema.layer-name.layer-column>".**

Explanation: Possible explanations are:

- The geocoder has never been enabled to update layer "<layer-schema.layer-name.layer-column>" automatically.
- The geocoder has been disabled in drop mode.

User Response: Determine the state of the geocoder before you tried to disable it. For example, was it registered? was it enabled? Then decide whether it needs to be disabled in drop mode. For example, if it was never enabled, there would be no need to disable it at all.

GSE1035E **Spatial Extender could not disable geocoder "<geocoder-id>" in invalidate mode for layer "<layer-schema.layer-name.layer-column>".**

Explanation: Possible explanations are:

- The geocoder has never been enabled to update layer "<layer-schema.layer-name.layer-column>" automatically.
- The geocoder has been disabled in invalidated mode or in drop mode.

User Response: Determine the state of the geocoder before you tried to disable it. For example, was it registered? Was it enabled? Then decide whether it needs to be disabled in invalidate mode. For example, if it was already disabled in invalidate mode, there would be no need to disable it in this mode a second time.

GSE1036E   An SQL error occurred when Spatial Extender tried to drop triggers from a table that contains the column for layer "<layer-schema.layer-name.layer-column>" (SQLSTATE "<sqlstate>").

Explanation: The triggers were created to maintain data integrity between the attribute columns that the geocoder's input comes from and the spatial column that its output goes into. The SQL error occurred when DB2 tried to drop these triggers.

User Response: Look up the message associated with SQLSTATE "<sqlstate>".

GSE1037E   Spatial Extender could not geocode source data for table layer "<layer-schema.layer-name.layer-column>", possibly because an incorrect value "<number-of-attributes>" was assigned to the argument that specifies how many attribute columns are to provide source data for this layer.

Explanation: The number of attribute columns associated with this layer was specified incorrectly, or the name of one or more of these columns was specified incorrectly.

User Response: Make sure that this layer is registered with the correct number and names of associated attribute columns, or verify the

correctness of input and output data for the geocoder.

GSE1038E   An SQL error occurred when Spatial Extender tried to geocode source data for table layer "<layer-schema.layer-name.layer-column>" in batch mode (SQLSTATE "<sqlstate>").

User Response:
- Look up the message associated with SQLSTATE "<sqlstate>".
- Make sure that the content and the primaryUDF argument of this layer are defined correctly.

GSE1050E   The grid size that you specified ("<grid-size>") is invalid for the first grid level.

Explanation: You specified zero or a negative number as the grid size for the first grid level.

User Response: Specify a positive number as the grid size.

GSE1051E   The grid size that you specified ("<grid-size>") is invalid for the second and third grid levels.

Explanation: You specified a negative number as the grid size for the second or the third grid level.

User Response: Specify zero or a positive number as the grid size.

GSE1052E   An SQL error occurred when the Spatial Extender tried to create spatial index "<index-schema.index-column>" for a table layer "<layer-schema.layer-name.layer-column>" (SQLSTATE "<sqlstate>").

User Response:
- Make sure that the spatial index is specified correctly and the spatial column has no associated index.

- Look up the message that is associated with SQLSTATE "<sqlstate>".

GSE1500I   Source record "<record-number>" was successfully geocoded.

Explanation: A record containing attribute data was successfully geocoded.

GSE1501W   Source record "<record-number>" was not geocoded.

Explanation: The precision level was too high.

User Response: Geocode with a lower precision level.

GSE1502W   Source record "<record-number>" was not found.

Explanation: Source record "<record-number>" was not found.

User Response: Determine whether the record exists in the database.

GSE2001E   Spatial Extender could not perform the operation that you requested.

User Response: Consult your database administrator.

GSE2002E   A database management system error has occurred.

User Response: Consult your database administrator.

GSE2003E   The stored procedure that you invoked cannot connect to your workstation.

Explanation: The stored procedure cannot access information that identifies your workstation to it.

User Response: Consult your database administrator.

GSE2004E   Spatial Extender cannot validate the coordinate system identifier specified in the SDE transfer file that you are importing.

User Response: Try one or more of these methods:
- Make sure that the spatial reference system identifier in the SDE transfer file is pointing to the right coordinate system identifier.
- Determine whether the correct coordinate system identifier is listed in the DB2GSE.COORD_REF_SYS catalog view. If the identifier is not in this view, let your database administrator know.
- Determine whether the SDE transfer file is corrupted. If it is, try to acquire and import an intact copy of it.

GSE2005E   Spatial Extender cannot validate the file that you want to export.

Explanation: There can be one or more reasons for this problem. For example, you might not be authorized to access the file. Or Spatial Extender might be unable to find or read it, or to recognize data types of the data within it.

User Response: Be sure to specify the file's fully-qualified path. Also be sure that the user ID under which you are running the db2gse.gse_export_shape stored procedure has both read and write access to each directory in the path. Verify that the disk that contains these directories is mounted on the same node where DB2 runs, and that it uses the same mount point that is specified in the path. Verify also that Spatial Extender recognizes the data types of the data that the file contains.

If the error recurs, try to determine whether the file is corrupted. If it is, try to acquire and export an intact copy of the file.

GSE2006E   An I/O error for a file named "<filename>" has occurred.

Explanation: An I/O error for a file named "<filename>" has occurred.

User Response: Verify that the file exists, that

you have the appropriate access to the file, and that the file is not in use by another user.

GSE2007E   Spatial Extender cannot validate the layer to which you want to import data.

Explanation: The name of the column on which this layer is defined might be specified incorrectly, or it might not follow standard naming conventions. Similarly, the name of the table to which the column belongs might be specified incorrectly, or it might not follow standard naming conventions.

User Response: Make sure that the layer is listed in the DB2GSE.GEOMETERY_COLUMNS catalog view, that the names of the column and the table it belongs to are correctly specified, and that these names follow standard naming conventions.

GSE2008E   Spatial Extender attempted to insert a null into a layer that has a NOT NULL constraint.

User Response: Either import the column that contains nulls into a layer that can accept nulls, or ask your database administrator to remove the NOT NULL constraint.

GSE2012E   Spatial Extender was unable to access the layer that you want to import data to.

Explanation: The user ID under which you want to access the layer is not authorized to change the column on which the layer is defined.

User Response: Ask your database administrator to grant you the authorization that you need (for example, you might need the INSERT or SELECT privilege on the table to which the column belongs).

GSE2014E   Spatial Extender was unable to import data to the layer that you specified.

Explanation: Spatial Extender coiuld not locate the layer that you want to import data to.

User Response: Determine whether the layer is listed in the DB2GSE.GEOMETRY_COLUMNS view. If it is not, use the db2gse.gse_register_layer stored procedure or the Create Layer window in the Control Center to register the layer. If the layer is listed in DB2GSE.GEOMETRY_COLUMNS, report the problem to your database administrator.

GSE2016E   Spatial Extender was unable to import the shape file that you requested to the layer that you specified.

Explanation: The data type of the spatial data that you want to import is incompatible with the data type of the layer for which this spatial data is intended.

User Response: Create a new layer whose data type is compatible with the data type of the spatial data that you want to import. Then import the data to this new layer. Alternatively, import a different shape file—one whose spatial data is compatible with the layer that you want to populate.

GSE2021E   Spatial Extender was unable to access the shape file that you want to import.

Explanation: There are several possible reasons for this problem. For example, Spatial Extender might not know the full path to the shape file, or it might not recognize the file's format, or the disk that contains the file might not be mounted properly.

User Response: Be sure to specify the file's complete path. If you do this, and the error recurs, then verify that the file is indeed a shape file and not another kind of file that was mistakenly specified as a shape file. If the file is a shape file, try one of the following remedies:

- Determine whether the file is corrupted. If it is, attempt to acquire and import an intact copy of the file.

- If you are accessing the file from another workstation, make sure that:

  - The disk that contains the file is mounted.

– This disk uses the same mount point as specified in the file pathname.

– The user ID that you are using at the other workstation has read access to the file.

GSE2023E   Spatial Extender was unable to import attribute data from the shape file that you specified.

Explanation: The definition of an attribute column in the shape file could not be translated into a definition for a corresponding column in the table to which you want to import data.

User Response: Make sure that the data type, maximum length, and other characteristics of this attribute column can be translated into equivalents or counterparts for the attribute column to which you are importing data.

GSE2026E   Spatial Extender was unable to create a file to contain the data that it could not import.

Explanation: When you import a shape file, Spatial Extender collects any records in this file that fail the import, so that they can be fixed and imported later. In this case, Spatial Extender did not have sufficient information or authorization to create a file to contain the rejected records.

User Response: Specify a fully-qualified path to the file that Spatial Extender is going to create for the rejected records. Be sure that a file with the same path and name does not already exist. Also be sure that the user ID under which you are running the db2gse.gse_import_shape stored procedure has both read and write access to each directory in the path. Verify that the disk that contains these directories is mounted on the same node where DB2 runs, and that it uses the same mount point that is specified in the path.

GSE2027E   Spatial Extender could not perform the import or export operation that you requested.

Explanation: There is not enough memory to complete the operation. The file that you are importing or exporting might be corrupted, causing an excessive drain on memory.

User Response: Try to import or export the file again. If the error continues to recur, try to determine whether the file is corrupted. If it is, acquire an intact copy of the file, and import or export this copy. If the problem persists, report it to your database administrator.

GSE2030   Spatial Extender was unable to import data to the column that you specified.

Explanation: The column that you specified has not been registered as a layer.

User Response: If you want to import SDE data, use the DB2 Control Center or the db2gse.gse_import_sde stored procedure to register the column as a layer and import the data. If you want to import shape data, use the Control Center or the db2gse.gse_import_shape stored procedure to register the column as a layer and import the data.

GSE2031   Spatial Extender was unable to import data to the layer that you specified.

Explanation: The table on which the layer was defined no longer exists.

User Response: If you want to import SDE data, use the DB2 Control Center or the db2gse.gse_import_sde stored procedure to recreate the table and import the data. If you want to import shape data, use the Control Center or the db2gse.gse_import_shape stored procedure to recreate the table and import the data.

GSE2032E   Spatial Extender could not import attribute data.

Explanation: One or more attribute columns specified in the import file do not have counterparts in the table to which you are importing the data.

User Response: Identify the column (or each of the columns) in the import file that has no corresponding column in the table into which the file is to be loaded. Then provide the table with

the missing column (or columns). Alternatively, you could change the target of the import to be a layer and set of attribute columns other than the ones originally intended.

GSE2033E   Spatial Extender could not read the complete file that you want to import.

Explanation: The file might be corrupted or truncated.

User Response: Try to import the file again. If the error recurs, try to acquire and import an intact copy of the file.

GSE2034E   Spatial Extender could not import the SDE transfer file that you requested.

Explanation: The data type of the spatial data that you want to import is incompatible with the data type of the layer for which this spatial data is intended.

User Response: Create a new layer whose data type is compatible with the data type of the spatial data that you want to import. Then import the data to this new layer. Alternatively, import a different SDE transfer file—one whose spatial data is compatible with the layer that you want to populate.

GSE3001E   Unknown system failure.

Explanation: An unexpected system error has occurred.

User Response: Correct the syntax, then invoke the function again. If you still encounter the problem, contact technical support.

GSE3002E   Invalid Well-Known Text string.

Explanation: An invalid Well-Known Text string was entered as input for the function that you invoked.

User Response: Correct the string, and invoke the function again. To determine the proper format for Well-Known Text strings, refer to the

DB2 Spatial Extender User's Guide and Reference.

GSE3003E   Invalid SRID.

Explanation: The spatial reference system identifier (SRID) that you attempted to pass to this function is not listed in the DB2 Spatial Extender system catalog.

User Response: Either specify an SRID that is currently recorded in the DB2GSE.SPATIAL_REF_SYS catalog view, or create a spatial reference system that has the SRID that you want to specify.

GSE3004E   Insufficient memory.

Explanation: Not enough memory was available. DB2 Spatial Extender requires up to a maximum of one megabyte of memory.

User Response: Reallocate memory to make more available to DB2 Spatial Extender. If you cannot reallocate memory, add more physical memory.

GSE3005E   Geometries' SRIDs differ.

Explanation: Geometries that are passed to a DB2 Spatial Extender function must share the same spatial reference system identifier (SRID).

User Response: Recreate one of the geometries so that its spatial reference system matches that of the other.

GSE3006E   Invalid binary string.

Explanation: An improperly constructed Well-Known Binary string or ESRI Binary string was entered as input for the function that you invoked.

User Response: Reconstruct the string with the correct format. To determine the correct format, refer to the DB2 Spatial Extender User's Guide and Reference.

GSE3007E   Valid geometry not specified.

Explanation: An valid type of geometry was not passed to the function that you invoked. Valid types are geometry, point, linestring, polygon, multipoint, multilinestring, and multipolygon.

User Response: Resubmit the SQL statement with a valid geometry type.

GSE3008E   Parentheses not balanced.

Explanation: The number of left parentheses in the Well-Known Text representation string is not the same as the number of right parentheses.

User Response: Reenter the string, providing a corresponding right parenthesis for each left parenthesis.

GSE3009E   Too many parts specified.

Explanation: The number of parts indicated in the binary or text string is greater than the actual number of parts supplied.

User Response: Reenter the string with the correct number of parts.

GSE3010E   Incorrect geometry type.

Explanation: The wrong type of geometry was passed to the function that you invoked. For example, a linestring might have been passed to a function that takes polygons as input.

User Response: Either pass to the function a type of geometry that the function can process, or use a function that accepts the type of geometry that you want to pass.

GSE3011E   Text string is too long.

Explanation: The geometry text string exceeds the maximum length of 4000 characters.

User Response: The geometry contains too much detail to be converted to text. However, you can instead convert it to either the WKB format or to the ESRI shape binary format.

GSE3012E   Invalid parameter value.

Explanation: An invalid parameter was passed to the function.

User Response: Compare the syntax of the function with that listed in the DB2 Spatial Extender User's Guide and Reference. Correct the invalid parameter, then resubmit the function.

GSE3013E   Invalid grid size.

Explanation: One of the following invalid specifications was made:

- A negative number was specified as the grid size for the first, second, or third grid level.
- A zero was specified as the grid size for the first grid level.
- The grid size specified for the second grid level is less than the grid size of the first grid level.
- The grid size specified for the third grid level is less than the grid size of the second grid level.

User Response: Use the Create Index window or the db2gse.gse_enable_idx stored procedure to specify a valid grid size. For information about valid grid sizes, refer to the DB2 Spatial Extender User's Guide and Reference.

GSE3014E   Grid size too small.

Explanation: The grid size that was specified results in more than 1000 grid cells per geometry.

User Response: Use the Create Index window or the db2gse.gse_enable_idx stored procedure to increase the grid size or to add another grid level.

GSE3015E   Invalid geometry produced.

Explanation: The parameters entered have produced an invalid geometry. For example, the parameters entered with the LineFromShape function produce an invalid geometry. An invalid geometry is one that violates a geometry property.

User Response: Correct the parameter, then resubmit the geometry.

GSE3016E   Wrong geometries submitted.

Explanation: The function expected two geometries of a certain type and did not receive them. For example, the ST_Union function expects two geometries of the same dimension and received a point and a linestring, which are of different dimensions.

User Response: Specify geometries that the function accepts as valid input. To determine what types of geometries are valid for this function, refer to the DB2 Spatial Extender User's Guide and Reference.

GSE3017E   Geometry integrity error.

Explanation: The function cannot process the geometry passed to it because one or more properties of the geometry violate an integrity constraint.

User Response: Resubmit the geometry, with its properties correctly defined. For information about geometries' properties, refer to the DB2 Spatial Extender User's Guide and Reference.

GSE3018E   Too many points.

Explanation: The construction of a geometry has exceeded the 1 MB storage limit; the geometry has too many points.

User Response: Remove unnecessary points. For performance and storage considerations, you should include only those points needed to render a geometry. All non-essential points should be excluded.

GSE3019   Geometry is too small.

Explanation: The geometry returned by the ST_Difference, ST_Intersection, ST_SymmetricDiff, or ST_Union function is too small to be represented by values of the current coordinate system.

User Response: If a result is required, use the db2gse.gse_enable_sref stored procedure to increase the xyunits parameter of the source geometry's spatial reference system. Then recreate the table in which the source geometry is stored.

GSE3020E   Buffer out of bounds.

Explanation: The buffer function has created a buffer outside the coordinate system.

User Response: Either reduce the buffer distance, or change the source geometry's coordinate system. In most cases, changing the coordinate system requires the spatial column be reloaded.

GSE3021E   Invalid scale factor.

Explanation: A scale factor (an XY unit, a Z unit, or an M unit) cannot be less than 1.

User Response: Use the db2gse.gse_enable_sref stored procedure to correct any scale factors in the DB2GSE.SPATIAL_REF_SYS catalog view that are less than 1.

GSE3022E   Coordinate out of bounds.

Explanation: A coordinate is either too large or too small to fit within the bounds of the coordinate system.

User Response: Determine whether the coordinate is correct. If it is, determine whether it fits within the bounds of the coordinate system that you are using. For information about this coordinate system, consult the DB2GSE.COORD_REF_SYS catalog view.

GSE3023E   Invalid coordinate system ID.

Explanation: Spatial Extender cannot validate the specified coordinate system identifier.

User Response: Determine whether the identifier is listed in the DB2GSE.COORD_REF_SYS catalog view. If it is not there, verify that it is correct and ask your database administrator to record it in the Spatial Extender system catalog.

GSE3024E   **Invalid annotation text.**

Explanation: The annotation text that defines the specified coordinate system cannot be converted into a valid projection.

User Response: Look up the annotation text for this coordinate system in the DB2GSE.COORD_REF_SYS catalog view. Determine whether the text defines the system properly. For information that can help you, see the chapter on coordinate systems in the DB2 Spatial Extender User's Guide and Reference.

GSE3025E   **Projection error.**

Explanation: An error occurred during an attempt to project a geometry.

User Response: Make sure that the geometry is within the legal domain of the projection.

GSE3026E   **Polygon rings overlap.**

Explanation: The rings of a polygon cannot overlap, but they can intersect at a tangent.

User Response: Correct the coordinates of the polygon, then resubmit it.

GSE3027E   **Too few points.**

Explanation: Linestrings must consist of at least two points, and polygons must consist of at least four points.

User Response: Resubmit the geometry with the correct number of points.

GSE3028E   **Polygon is not closed.**

Explanation: The start and end point coordinates of the polygon are not the same.

User Response: Edit the coordinate list of the polygon, making sure the start and end points are the same, then resubmit it.

GSE3029E   **Exterior ring is invalid.**

Explanation: The exterior ring does not enclose the interior ring. The interior ring is completely

outside the exterior ring with no overlap.

User Response: Make sure that the coordinates of the interior ring are completely inside the exterior ring. If the interior ring actually represents the exterior ring of another polygon, then enter the geometry as a multipolygon.

GSE3030E   **Polygon has no area.**

Explanation: A geometry is a polygon only if its coordinates span two dimensions in space.

User Response: Edit the coordinates of the polygon so they enclose an area and resubmit the polygon. Or, submit a linestring if appropriate.

GSE3031E   **Polygon contains a spike.**

Explanation: Only the end point and start point of a polygon can be same. All other coordinates of a polygon ring must be different and collectively enclose an area.

User Response: Look for coordinate pairs that have the same X and Y values. Edit these points so that the polygon encloses a single area, then resubmit the polygon.

GSE3032E   **Exterior rings overlap.**

Explanation: The exterior rings of a multipolygon can intersect at a tangent, but they cannot overlap.

User Response: Edit the coordinates of the exterior rings so that they do not overlap, then resubmit the multipolygon.

GSE3033E   **Polygon intersects itself.**

Explanation: The ring of a polygon cannot intersect itself.

User Response: Edit the coordinates of the ring that intersects itself, then resubmit the polygon.

GSE3034E   **Invalid number of measures.**

Explanation: The *number of measures* parameter of the binary string contains a number of

measures that is different than the number of measures supplied with the string.

User Response: Edit the *number of measures* parameter so that it corresponds to the number supplied in the binary string.

GSE3035E   Invalid number of parts.

Explanation: The *number of parts* parameter of the binary string specified a number of parts that is different than the number of parts supplied with the string.

User Response: Edit the *number of parts* parameter so that it corresponds to the number supplied in the binary string.

GSE3036E   Invalid part offset.

Explanation: The *part offset* parameter of the binary string specified a part offset that is different than the part offset supplied within the string.

User Response: Edit the *part offset* parameter so that it corresponds to the part offsets supplied within the binary string.

GSE3037E   Invalid part separator.

Explanation: An illegal geometry was encountered; its part separator is invalid.

User Response: Call your IBM service representative.

GSE3038E   BLOB too small.

Explanation: The number of bytes in the specified binary large object (BLOB) is less than the number of bytes in the supplied BLOB.

User Response: Make the BLOB length equal to the number of bytes in the BLOB, then resubmit the function.

GSE3039E   Invalid entity type.

Explanation: An illegal geometry was encountered; its associated entity type is invalid.

User Response: Call your IBM service representative.

GSE3040E   Invalid byte order.

Explanation: The byte order must be 0 or 1.

User Response: Edit the byte order so that it is either 0 for little endian or 1 for big endian.

GSE3041E   Invalid part.

Explanation: A function parameter indexed a part that does not exist. For example, this error would occur if the ST_GeometryN function was passed a 3 to return the third point in a multipoint, when the multipoint contains only two points.

User Response: Edit the parameter, then resubmit the function.

GSE3042E   Empty geometry.

Explanation: An empty geometry was passed to the ST_AsBinary function, even though it is not allowed as input to this function.

User Response: Edit the SQL statement that you submitted so that only a non-empty geometry will be passed to the ST_AsBinary function. For example, you can use a WHERE clause to disqualify empty geometries with the ST_IsEmpty function.

Chapter 11. SAT Messages

This section contains the Satellite (SAT) messages. The messages are listed in numeric sequence.

SAT1000I   **The first application version for this group has been defaulted to match the value used for the Typical satellite install.**

Explanation: If you install a satellite using the Typical method, the satellite's application version will be set to a predefined value. This predefined application version is the same as the default value for the first application version that is created for a group.

User Response: If you did not install the satellites of this group using the Typical method, or you changed the application version for one or more satellites after installation, ensure that the identifier you supply to create a new application version is consistent with the satellite's application version.

SAT1001I   **Mandatory information is missing from one of the notebook pages. The notebook will return to the page that is missing information.**

Explanation: All mandatory fields must be filled in for the action to complete.

User Response: Fill in the required information and try the action again.

SAT1002I   **A test connection or attachment to the selected target was successful using the specified authentication credentials.**

Explanation: An attempt was made to connect to a target. The connection or attachment was established successfully using the specified authentication credentials.

User Response: No action is required.

SAT2000W   **Changes have not been saved. Save now?**

Explanation: You are exiting from a window or notebook without saving your changes.

User Response: To save your changes, click Yes. Otherwise, click No.

SAT2001W   **An ATTACH or CONNECT statement was found in the script.**

Explanation: The script contents appear to contain either a CONNECT or an ATTACH statement. On a satellite, the required instance-level attach or database-level connect is automatically established before a DB2 instance or DB2 database script is executed. Consequently, it is not necessary to include ATTACH or CONNECT statements in DB2 instance or database scripts, unless the script specifies more than one execution target.

User Response: If the script does not specify more than one target, remove the CONNECT or ATTACH statement from the script.

SAT2002W   **Script contents may not be consistent with the script type.**

Explanation: Either the script contents have been modified in a way that causes an inconsistency with the script type, or the script type has been modified in a way that causes an inconsistency with the script contents.

User Response: Ensure that the script type and the script contents are compatible.

SAT2003W   Implicit table space was created.

Explanation: Promotion created at least one implicit table space.

User Response: Change the table spaces in the script if the implicit table spaces that are created are not suitable for your business requirements.

SAT2014W   Are you sure that you want to promote satellite "<satellite>" ?

Explanation: Promoting a satellite causes the satellite to start executing the group's batches. Only promote a satellite when it has successfully executed the fix batch and is ready to execute group batches.

User Response: Click Yes to promote the satellite back to executing group batches. Otherwise, click No.

SAT2015W   Are you sure that you want to fix the satellite "<satellite>" ?

Explanation: Setting a satellite to fix mode will prevent the satellite from executing its group batches. The satellite will only be able to execute a fix batch until it is promoted back to executing the group batches. Only set a satellite to fix mode when the satellite requires servicing.

User Response: Click Yes to set the satellite to fix mode so it can execute a fix batch. Otherwise, click No.

SAT2016W   An object with name "<object>" already exists in the database "<database>". Are you sure you want to overwrite it ?

Explanation: Overwriting an object will cause all other objects that reference the object to be affected.

User Response: Click Yes to overwrite the object. Otherwise, click No.

SAT2017W   An object with name "<object>" already exists in the database "<database>" and is being used by another object. Are you sure that you want to change the definition of the object ?

Explanation: Changing the definition of an object will cause all other objects that reference that object to be affected.

User Response: Click Yes to change the definition of the object. Otherwise, click No.

SAT2018W   Are you sure that you want to change the definition of the object "<object>" ?

Explanation: Changing the definition of an object will cause all other objects that reference that object to be affected.

User Response: Click Yes to change the definition of the object. Otherwise, click No.

SAT2019W   An object with the name "<object>" already exists in the database "<database>". Would you like to rename "<object>" before it is created in "<database>"?

Explanation: While creating "<object>" in "<database>", another object with the same name was found to already exist. Objects must have a unique name.

User Response: Click Yes to save the object under a different name. Otherwise, click No. The object will not be created.

SAT2020W   At least one of the specified satellites is currently online. No action is taken on satellites that are online.

Explanation: When a satellite is online and synchronizing, it cannot be altered.

User Response: Determine which satellites are currently online. Wait until these satellites are offline, and try the request again.

SAT2021W   A test connection or attachment to the selected target was not successful using the specified authentication credentials.

Explanation: An attempt was made to connect or attach to a target. The connection could not be established because of an authentication error.

User Response: Verify that the authentication credentials are correct for the target, and try the request again.

SAT2022W   You will be able to make modifications to this satellite when it is a test satellite. Care should be taken to ensure the satellite's state remains consistent.

Explanation: Setting a satellite as a test satellite means that it will execute test batches. A test batch may contain batch steps that produce uncertain outcomes, and may put the satellite into an inconsistent state. A satellite should only be set as a test satellite when it is acceptable to subject it to these risks.

User Response: Click OK to set the satellite as a test satellite. Otherwise, click Cancel.

SAT2023W   Are you sure you want to change this test satellite to a production satellite? The administrative function available for this satellite will be severely restricted.

Explanation: A test satellite is used to try out configuration changes before these changes are made available to the production satellites. Consequently, a test satellite may become inconsistent when configuration changes do not succeed. To repair the test satellite, return it to a consistent state so that the configuration changes can be iteratively tested. More administrative actions can be performed against a test satellite. If the satellite is changed to a production satellite, it can no longer be used for test purposes. The administrative function available for this satellite will necessarily be severely restricted.";

User Response: Click OK to set the satellite as a production satellite. Otherwise, click Cancel.

SAT2024W   Synchronization session is in progress. Are you sure that you want to terminate it?

Explanation: A synchronization session was in progress when the terminate action was issued.

User Response: If you continue with the termination, the synchronization session will be stopped before it completes. You should cancel the termination, and allow the synchronization session to complete.

SAT2025W   If you use anything other than a noncomplete consistent-change-table in a consolidation scenario, the target table is refreshed when satellites synchronize.

Explanation: In a consolidation replication scenario, a noncomplete consistent-change-data-table does not result in a full refresh of the target table when a satellite synchronizes. Any other type of table (for example, a user copy or a point-in-time target table) results in a full refresh of the target table when a satellite synchronizes. If, when defining your replication scenario, you specified that the data capture is full refresh, the target table will be fully refreshed each time that a satellite synchronizes. If you did not specify that the data capture is full refresh, the target table is only fully refreshed the first time that the Apply program is invoked on the satellite.

User Response: If you want the target table to be refreshed when a satellite synchronizes, no action is required. If you want to change the type of the target table, you must remove the effects of the generalization of the replication subscriptions from the DB2 control server, and return to the Control Center to modify the replication scenario. Then, generalize the replication subscriptions again.

SAT2026W **The satellite should be synchronized once before the user changes user data. User data that is changed before the initial synchronization of the satellite cannot be replicated.**

Explanation: When the satellite synchronizes, the Capture and Apply programs are invoked on the satellite. Depending on how you defined the replication scenario, changes that are made to the user data in the satellite database before the first synchronization session either cannot be replicated to the corporate sources, or will be overwritten at the satellite:

- If your replication scenario is either consolidation, or update anywhere with the replication direction defined from the satellite to the corporate source, changes that are made to the user data before the first synchronization session cannot be replicated from the satellite to the corporate source. When the Capture program is invoked, it cannot capture these changes.

- If your replication scenario is either distribution, or update anywhere with the replication direction defined from the corporate source to the satellite, changes that are made to the user data before the first synchronization session will be overwritten when a full refresh occurs at the satellite.

User Response: Instruct all satellite users to synchronize before they change data on the satellite.

SAT3000N **The name "<name>" already exists.**

Explanation: The name of the object you are attempting to create, "<name>", already exists.

User Response: Specify a unique name.

SAT3001N **The target name of a copy, "<targetname>", already exists in the database "<cdb>".**

Explanation: The name provided for the copy, "<targetname>", is not unique in the target

satellite control database "<cdb>".

User Response: Specify a unique name.

SAT3002N **Application version "<application version name>" already exists for the group "<group name>".**

Explanation: The name supplied for this application version is already being used for this group.

User Response: Specify a name for the application version that is not already in use by the group "<group name>".

SAT3003N **No application versions exist for this group.**

Explanation: The requested action against the group requires at least one application version.

User Response: Create an application version for the group.

SAT3004N **The object "<name>" does not exist.**

Explanation: The specified object, "<name>", does not exist. It may have been removed after the view containing the object was filled.

User Response: Refresh the view in which the object appears.

SAT3005N **The object "<name>" cannot be deleted because it is currently referred to by another object.**

Explanation: The object "<name>" cannot be deleted because another object references it. Consistency cannot be maintained if "<name>" is deleted.

User Response: Delete all objects that are dependent on the object before deleting this object.

SAT3006N   Group "<group name>" cannot be deleted because it has at least one enabled satellite.

Explanation: Before a group can be deleted, all of its satellites be disabled so that they can be deleted along with the group. At least one satellite in the group was found to be enabled.

User Response: Disable all the satellites in this group.

SAT3007N   Group "<group name>" cannot be deleted because it has at least one application version that has either a test-level or a production-level batch.

Explanation: Production-level and test-level batches are considered to be active levels that are used by satellites. Consequently, they cannot be deleted. Therefore, the application version, and hence the group, to which they belong cannot be deleted.

User Response: Obsolete all the production-level batches and remove all the test-level batches for this group. Then try the request again.

SAT3008N   Application version "<application version name>" cannot be deleted because it has either a test-level or a production-level batch.

Explanation: Production-level and test-level batches are considered to be active levels that are used by satellites. Consequently, they cannot be deleted. Therefore, the application version to which they belong cannot be deleted.

User Response: Obsolete the production-level batches and remove the test-level batches for this application version. Then try the request again.

SAT3009N   No generalized replication subscription sets exist for the group "<group name>".

Explanation: No generalized replication subscription sets exist for the group "<group name>". The specified action requires at least one generalized replication subscription to exist.

User Response: Define one or more generalized replication subscription sets for this group.

SAT3010N   No application versions exist for the group "<group name>".

Explanation: No application versions exist for the group "<group name>". The specified action requires at least one application version to exist.

User Response: Define an application version for this group.

SAT3011N   No default replication subscription sets exist for the application version "<application version name>" in group "<group name>".

Explanation: Default replication subscription sets for application version "<application version name>", in group "<group name>", are generated by the generalize action. Such subscription sets are necessary before it is possible to customize the generalized replication subscription.

User Response: Ensure the generalized action completed successfully, and try the request again.

SAT3012N   A default replication control server for application version "<application version name>", in group "<group name>", is generated by the generalize replication subscription action. Such a control server is necessary before the generalized replication subscription can be customized.

Explanation: A default replication control server for application version "<application version name>" in group "<group name>" does not exist.

User Response: Ensure that the generalizing of the replication subscription completed successfully. Then try the request again.

SAT3013N The confirmation password does not match the specified password.

Explanation: The confirmation password must exactly match the specified password. Passwords are case sensitive.

User Response: Type the confirmation password again. Ensure that all characters typed are in the same case as the original password.

SAT3014N At least one of the specified batch steps does not have a target alias, a success code set, or both.

Explanation: When a script is imported or added as a new batch step, a target alias and a success code set must be added for the new batch step is not provided.

User Response: Identify which batch steps are missing a target alias or a success code set, and add the missing information.

SAT3015N A target alias has not been selected. You must select a target alias before you can specify the authentication credentials.

Explanation: A target alias must be specified before an authentication can be associated with it.

User Response: Specify a target alias. Then try the request again.

SAT3016N An application version has not been set for this satellite. This page will be disabled until the satellite reports its application version.

Explanation: A satellite executes the batches of an application version. This satellite has not yet reported its application version. Therefore, batch steps cannot be specified for it.

User Response: Assign the satellite an application version on the satellite itself. You cannot perform this action from the Satellite Administration Center.

SAT3017N The action cannot be performed. An application version has not been set.

Explanation: A satellite executes the batches of an application version. This satellite has not yet reported its application version. Therefore, the specified action cannot be performed.

User Response: Assign the satellite an application version on the satellite itself. You cannot perform this action from the Satellite Administration Center.

SAT3018N The type of the execution target specified is not correct for the type of the script.

Explanation: A target alias has been selected that is not correct. The script is designed to execute against a different type of target.

User Response: Choose a target alias that is of the same type as the selected script. Then try the request again.

SAT3019N The specified success code ranges are in conflict.

Explanation: A success code set cannot contain a greater than ($>$) relation that specifies a range of numbers that overlap the range of numbers that is specified by a less than ($<$) relation. For example, the following two relations are not allowed in the same success code set: $> 10, < 11$.

User Response: Either remove or correct those success relations from the success code set that cause the overlap in ranges. To specify a finite range of numbers between two numbers, a and b, an equals ($=$) relation must be specified for each number in the range. For example, to specify a finite range of numbers between 5 and 10 as success codes, the following equals relations are required: $=5,=6,=7,=8, =9$ and $=10$.

SAT3022N   Promotion failed with the following error: SQLCODE="<sqlcode>", SQLSTATE="<sqlatate>", tokens: "<token1>", "<token2>", "<token3>". The error was detected at location "<location>".

Explanation: Promotion failed in an unexpected way.

User Response: Contact the help desk or your system administrator.

SAT3023N   A system or internal error occured.

Explanation: The possible errors include a system error returned by the operating system, insufficient resources, or an incorrect configuration.

User Response: Verify your replication configuration, or contact your system administrator or IBM Service.

SAT3024N   A replication server is at a level that is not supported.

Explanation: The product level of a replication server is not supported.

User Response: Upgrade to a supported level.

SAT3025N   An authentication failure occurred when connecting to a replication server.

Explanation: This action requires authentication with the replication servers. Authentication with one of the servers failed.

User Response: Ensure that you supplied the correct user ID and password. Either try the request again, or contact your system administrator.

SAT3026N   The size of a generated script exceeds the available storage.

Explanation: This action generates scripts. At least one of the generated scripts is larger than

the maximum available storage.

User Response: Contact your system administrator or IBM Service.

SAT3027N   The database directory entry for a replication source server, control server, or target server does not exist at instance "<instance name>".

Explanation: This action requires the existence of a database directory entry for the replication source servers, control server, and target server at the instance "<instance name>". At least one of the directory entries could not be found.

User Response: Catalog the replication source servers, control server, and target server at "<instance name>". Or contact your system administrator or IBM Service.

SAT3028N   The fix batch "<batch>" cannot be deleted because it is being used by at least one satellite.

Explanation: A batch cannot be deleted if it is currently being used.

User Response: Wait until the batch is no longer used by any satellite. Then try the request again.

SAT3029N   The script "<script>" cannot be changed because it is being used by at least one production or obsolete batch step.

Explanation: A script can only be modified if it is not being used by a production or obsolete batch step.

User Response: Ensure that the script is not currently being used by a production or obsolete batch step. Then try the request again.

SAT3030N The specified obsolete batch step cannot be deleted because it is being used by a batch that is not obsolete.

Explanation: An obsolete batch step can only be deleted if it is not being used by any batch that is not obsolete.

User Response: If the batch that uses this batch step is no longer in use by any satellite, move it to the obsolete level. Then try the request again.

SAT3031N The batch step cannot be deleted because it is not the last step in the set of batch steps.

Explanation: A batch step cannot be deleted from the middle of a set of batch steps. All batch steps after it must first be deleted.

User Response: Delete all the batch steps that follow the batch step to be deleted. Then try the request again.

SAT3032N A production batch step cannot be deleted.

Explanation: Production batch steps are used by production satellites for synchronization and cannot be deleted. Only test, unassigned, and obsolete batch steps can be deleted.

User Response: Take the batch step out of production. Then try the request again.

SAT3033N Satellite synchronization failed because the satellite control database SATCTLDB cannot be found in the database directory.

Explanation: The satellite control database is not cataloged correctly in the database directory.

User Response: Contact the help desk or your system administrator.

SAT3034N Satellite synchronization failed because of an authentication error at the satellite control server.

Explanation: Either the user ID or the password sent to the control server is not correct.

User Response: Contact the help desk or your system administrator.

SAT3035N Satellite synchronization failed because the satellite ID could not be found locally.

Explanation: This error may result from bypassing the operating system logon.

User Response: If you are already logged on to the operating system, contact the help desk or your system administrator.

SAT3036N Satellite synchronization failed because the satellite control server does not recognize this satellite.

Explanation: Either the satellite ID is not defined correctly on the satellite or this satellite is not defined correctly at the satellite control server.

User Response: Contact the help desk or your system administrator.

SAT3037N Satellite synchronization failed because of an unknown error.

Explanation: Unknown.

User Response: Contact the help desk or your system administrator.

SAT3038N The synchronizer has detected a severe DB2 error. Synchronization cannot continue.

Explanation: The cause of this severe error is not known.

User Response: Contact the help desk or your system administrator.

SAT3039N   Satellite synchronization failed. The satellite is in fail state at the satellite control server.

Explanation: This satellite is in fail state, and must be fixed.

User Response: Contact the help desk or your system administrator.

SAT3040N   Satellite synchronization failed because the satellite control server cannot be contacted.

Explanation: Communications could not be established between the satellite and its control server. One possible reason is that the control server is not operational, or communications configuration is not correct (for example, the host name or port number for the satellite control server is not correct).

User Response: Contact the help desk or your system administrator.

SAT3041N   Satellite synchronization failed because communications with the satellite control server was lost.

Explanation: A communication link failure occurred. Either the satellite control server became inactive, or a network failure was experienced.

User Response: Contact the help desk or your system administrator.

SAT3042N   The satellite synchronization session did not complete all tasks successfully.

Explanation: An error occured during the satellite synchronization session.

User Response: Contact the help desk or your system administrator.

SAT3043N   The satellite synchronization session did not start successfully.

Explanation: An error occured during the start-up phase of the satellite synchronization session.

User Response: Contact the help desk or your system administrator.

SAT3044N   The cleanup phase of the satellite synchronization session did not complete successfully.

Explanation: An error occured during the cleanup phase of the satellite synchronization session.

User Response: Contact the help desk or your system administrator.

SAT3045N   "<control server>" is not a valid replication control server.

Explanation: The selected server is not a valid replication control server. The request cannot be completed.

User Response: Select a valid replication control server, then try the request again.

SAT3046N   No generalized replication subscription sets exist for application version "<application version name>" in group "<group name>".

Explanation: There are no generalized replication subscription sets for the application version "<application version name>" in the group "<group name>". A generalized replication subscription set must exist before it can be customized.

User Response: Generalize one or more replication subscription sets for the application version, and try the request again.

SAT3047N   The input for field "<field name>" exceeds the limit. The maximum allowable length for this field is "<maximum length>".

Explanation: The length of the input in field "<field name>" exceeds the limit "<maximum length>".

User Response: Ensure that the input is within the maximum limit, then try the request again.

SAT3048N   More than one target server is associated with apply qualifier "<apply qualifier>" at control server "<control server>".

Explanation: A target server of a replication subscription represents a satellite in the group that is executing the specified application version. Consequently, there can only be one target server for a given apply qualifier. If your replication configuration specifies a single target server, then the associated apply qualifier may not have been correctly specified. Otherwise, your replication configuration may not be acceptable for generalization to the satellite environment.

User Response: First verify that the replication configuration does not specify more than one target server. If it does, correct the replication configuration, then try the generalize replication subscription request again. If the replication configuration does not specify more than one target server, ensure that the correct apply qualifier is specified for the generalize replication subscription request. Then try the request again.

SAT3049N   The file name is not valid.

Explanation: The file name is not valid because it contains at least one of the following characters: \ / : * ? " < > |

User Response: Ensure that the file name does not contain any of the above characters. Then try the request again.

SAT3050N   One or more of the selected satellites does not have an application version.

Explanation: You cannot change the replication parameters for a satellite that does not have an application version.

User Response: Ensure that every selected satellite has an application version. Then try the request again.

SAT3051N   The generalization of the replication subscriptions failed. At least one of the generated scripts is empty.

Explanation: At least one of the scripts generated are empty.

User Response: Try the generalization again. If the problem persists, contact IBM Service.

SAT3052N   The database alias or database name "<name>" cannot be found.

Explanation: The database name or the alias that is specified in the command cannot be found. Either the database is not cataloged in the database directories, or does not exist.

User Response: Ensure that the specified database name exists in the system database directory, and verify that the database exists. Then try the request again.

SAT3053N   The satellite was unable to process a request to set or retrieve the notification values. Try the request again.

SAT3054N   The database manager configuration values on the satellite could not be retrieved or updated because of an internal API error. Restart the database instance and try the request again.

SAT3055N **This satellite's notification file,
"<instance>".nfy, or its backup,
"<instance>".nfb could not be
read or written because of an
internal system error. Try the
request again.**

SAT3056N **An invalid notification value has
been detected by the satellite. Try
the request again.**

SAT3057N **The notification logs could not be
uploaded. Either a system error
occurred, or the notification files
are missing or corrupted. Try the
request again.**

SAT4000C **"<cdb>" is not a valid satellite
control database.**

Explanation: The database named "<cdb>" is
not a valid satellite control database. Any
database that is named SATCTLDB is initially
assumed to be a satellite control database. Any
action pertaining to satellite administration that
is performed against such a database will first
verify that the database is valid. The action will
not succeed if the database is not configured
correctly. If "<cdb>" is a satellite control
database, then its configuration has been altered
such that it can no longer be used. Otherwise, a
non-control database has been given the name
SATCTLDB.

User Response: To avoid misrepresenting a
database as a satellite control database, rename
the database to anything other than SATCTLDB.
If "<cdb>" is a satellite control database, verify
its configuration with the original definition.

Chapter 12. SPM Messages

SPM0400   **Indoubt transaction resolution with DBALIAS=″<dbalias>″ shows heuristic damage - the database rolled back the UOW and the coordinator with LUNAME=″<luname>″ committed. The transaction is identified by LUWID=″<luwid>″.**

Explanation: DB2 was the DRDA2 AS for the transaction identified by ″<luwid>″. Resolution with the DB2 database shows heuristic damage occurred. The database identified by ″<dbalias>″ manually resolved the indoubt transaction. The DB2 database at ″<luname>″ rolled back the transaction. This is inconsistent with the commit decision of the DRDA2 coordinator at ″<luname>″.

- The application was told that the transaction was committed.
- Any resources updated at the participant were rolled back.

dbalias The alias name of the DB2 database.

luname
     The LU name of the coordinator.

luwid The SNA logical unit of work id of the transaction.

The XID associated with the unit of work is printed following this message.

Indoubt resolution with the participant completes.

User Response: Call the database administrator.

Database Administrator Action: Inform the database administrators at both the COORDINATOR ″<luname>″ and at the DATABASE ″<dbalias>″ that heuristic damage occurred for the transaction with ″<luwid>″. DB2 was a DRDA2 AS for the transaction. The DRDA2 AR at COORDINATOR ″<luname>″ made the decision to COMMIT the database updates made by ″<luwid>″. The ″<dbalias>″ PARTICIPANT made a heuristic decision to ROLL BACK the updates made by ″<luwid>″.

SPM0401   **Indoubt transaction resolution with DBALIAS=″<dbalias>″ shows heuristic damage - the database committed and the coordinator with LUNAME=″<luname>″ rolled back. The transaction is identified by LUWID=″<luwid>″.**

Explanation: DB2 was the DRDA2 AS for the transaction identified by ″<luwid>″. Resolution with the DB2 DATABASE shows heuristic damage occurred. The database identified by ″<dbalias>″ manually resolved the indoubt transaction. The ″<dbalias>″ committed the transaction. This is inconsistent with the roll back decision of the DRDA2 COORDINATOR at ″<luname>″.

- The application was told that the transaction was rolled back.
- Any resources updated at the participant were committed.

dbalias The alias name of the DB2 database.

luname
     The LU name of the coordinator.

luwid The SNA logical unit of work id of the transaction.

The XID associated with the unit of work is printed following this message.

Indoubt resolution with the participant completes.

User Response: Call the database administrator.

Database Administrator Action: Inform the database administrators at both the COORDINATOR ″<luname>″ and at the DATABASE ″<dbalias>″ that heuristic damage

occurred for the transaction with ″<luwid>″. DB2 was a DRDA2 AS for the transaction. The DRDA2 AR at COORDINATOR ″<luname>″ made the decision to roll back the database updates made by ″<luwid>″. At the PARTICIPANT ″<dbalias>″ a heuristic decision was made to COMMIT the updates made by ″<luwid>″.

SPM0402   **Indoubt transaction resolution with participant with LUNAME=″<luname>″ and DBALIAS=″<dbalias>″ shows heuristic damage - the participant committed and DB2 rolled back. The transaction is identified by LUWID=″<luwid>″.**

Explanation: DB2 has coordinator responsibility for the transaction identified by ″<luwid>″. Resolution with the participant shows heuristic damage occurred. The participant identified by ″<luname>″ and ″<dbalias>″ manually resolved the indoubt transaction. The action taken was to commit the transaction. This is inconsistent with the roll back decision of the coordinator.
- The application was told that the unit of work was rolled back.
- Any resources updated at the participant were committed.

dbalias   The database alias of the participant.

luname
> The LU name of the participant.

luwid   The SNA logical unit of work id of the transaction.

The XID associated with the unit of work is printed following this message.

Indoubt resolution with the participant completes.

User Response: Call the database administrator.

Database Administrator Action: Inform the local database administrator and the database administrator at ″<luname>″ that heuristic damage occurred for the transaction with ″<luwid>″. DB2 was the coordinator for the

transaction and made the decision to roll back the database updates made by ″<luwid>″. At ″<luname>″ a heuristic decision was made to COMMIT the updates made by ″<luwid>″.

SPM0403   **Indoubt transaction resolution with participant with LUNAME=″<luname>″ and DBALIAS=″<dbalias>″, shows heuristic damage - the participant rolled back and DB2 committed. The transaction is identified by LUWID=″<luwid>″.**

Explanation: DB2 has coordinator responsibility for the transaction identified by ″<luwid>″. Resolution with the participant shows heuristic damage occurred. The participant identified by ″<luname>″ and ″<dbalias>″ manually resolved the indoubt transaction. The action taken was to roll back the UOW. This is inconsistent with the commit decision of the coordinator.
- The application was told that the transaction committed.
- Any resources updated at the participant were rolled back.

luname
> The LU name of the participant.

dbalias   The data base alias of the participant.

luwid   The SNA logical unit of work id of the transaction.

The XID associated with the unit of work is printed following this message.

Indoubt resolution with the participant completes.

User Response: Call the database administrator.

Database Administrator Action: Inform the local database administrator and the database administrator at ″<luname>″ that heuristic damage occurred for the transaction with ″<luwid>″. DB2 was the coordinator for the transaction and made the decision to COMMIT the database updates made by ″<luwid>″. At ″<luname>″ a heuristic decision was made to ROLL BACK the updates made by ″<luwid>″.

SPM0404   **Protocol error during indoubt transaction resolution with coordinator with LUNAME=″<luname1>″ - the DB2 database with LUNAME=″<luname2>″ has an indoubt transaction which is identified by LUWID=″<luwid>″.**

Explanation: DB2 was the DRDA2 AS for the transaction identified by ″<luwid>″. The DB2 transaction associated at the database with LUNAME=″<luname2>″ is indoubt. A protocol error occurred during indoubt resolution with the coordinator identified by ″<luname1>″.

luname1
> The LU name of the partner acting as the coordinator.

luname2
> The LU name of the database where the transaction is indoubt.

luwid   The SNA logical unit of work id of the transaction.

The XID associated with the unit of work is printed following this message.

The indoubt transaction remains indoubt. A Resync Protocol Violation trace record is written.

User Response: Call the database administrator.

Database Administrator Action: DB2 does not attempt to automatically resolve the indoubt transaction. The transaction must be manually resolved. The commit or abort decision made at the coordinator must be determined so that the same decision can be made at this participant DB2.

Contact the database administrator at the coordinator with ″<luname>″ and ″<dbalias>″, to determine whether the transaction committed or aborted.

Use the LIST INDOUBT TRANSACTIONS command at this (the participant) dbalias to resolve the indoubt transaction.

SPM0405   **A transaction with LUWID=″<luwid>″ at the DB2 database with LUNAME=″<luname1>″ is indoubt because of a communicaiton failure with the coordinator with LUNAME=″<luname2>″.**

Explanation: During execution of the two phase commit protocol with the coordinator at ″<luname2>″, a communication failure occured. Phase 1 of the protocol completed and the transaction at the database with ″<luname1>″ is indoubt.

The transaction is placed in the indoubt state and appears in the LIST DRDA INDOUBTS TRANSACTIONS report. Periodic attempts are made to reestablish communication with the coordinator for automatic resolution.

luname1
> The LU name of the database where the transaction is indoubt.

luname2
> The LU name of the coordinator.

luwid   The SNA logical unit of work id of the transaction.

The XID associated with the indoubt unit of work is printed following this message.

Periodic attempts will be made to automatically resolve the indoubt transaction.

User Response: Determine the cause of the communication failure and have the problem corrected. DB2 periodically attempts to establish communication for automatic resolution. If automatic resolution does not occur in a reasonable amount of time, call the database administrator. Manual resolution of the indoubt transaction might be necessary to release locked resources.

Database Administrator Action: If manual resolution is necessary:

• Determine the commit or abort decision made at the coordinator so that the same decision

can be made at the DB2 database. Contact the database administrator at the coordinator with "<luname>" to determine whether the transaction committed or aborted.

- Use the LIST INDOUBTS TRANSACTION command at this (the participant) dbalias to resolve the indoubt transaction.

SPM0406   **A transaction with LUWID=″<luwid>″ at the participant with LUNAME=″<luname>″ and DBALIAS=″<dbalias>″ may be indoubt because of a communication failure. DB2 committed.**

Explanation: During execution of the two phase commit protocol with the participant at "<luname>", a communication failure occured. Phase 1 of the protocol completed and the transaction is prepared for either commit or abort. The decison to commit the transaction was made, but cannot be communicated to the participant at this time. The participant is indoubt.

DB2 becomes responsible for indoubt resolution with the participant. This responsibility appears in the LIST DRDA INDOUBTS TRANSACTION report. Periodic attempts are made to reestablish communication with the participant for automatic resolution.

luname
     The LU unit name of the participant.

dbalias   The database alias name of the participant.

luwid   The SNA logical unit of work id of the transaction.

The XID associated with the unit of work is printed following this message.

Periodic attempts will be made to automatically resolve the indoubt transaction at the participant.

User Response: Determine the cause of the communication failure and have the problem corrected. DB2 periodically attempts to

reestablish communication for automatic resolution. If automatic resolution does not occur in a reasonable amount of time, call the database administrator. Manual resolution of the transaction might be necessary at the participant to release locked resources.

Database Administrator Action: If manual resolution is necessary, inform the database administrator at the participant that the decision is commit.

SPM0407   **Automatic resolution of the transaction with LUWID=″<luwid>″ with the coordinator at LUNAME=″<luname>″ resulted in commit. The DB2 Universal Database is = ″<dbname>″.**

Explanation: The indoubt transaction at the database identified by ″<dbname>″ was automatically resolved by communication with the coordinator identified by ″<luname>″. The transaction was committed.

luname1
     The LU name of the coordinator.

luwid   The SNA logical unit of work id of the transaction.

luname2
     The LU name of the database where the changes were made.

The XID associated with the unit of work is printed following this message.

Processing continues normally.

SPM0408 **A communication failure occured during automatic resolution with LUNAME=″<luname>″. Communication protocol being used=″<protocol>″. Communication API being used=″<api>″. Communication function detecting the error=″<function>″. Protocol specific error codes=″<rc1>″,″<rc2>″,″<rc3>″.**

Explanation: One or more indoubt transactions exist with ″<luname>″. DB2 attempted to automatically resolve the indoubt transaction but a communication error occured.

protocol

The communication protocol being used. Only ″APPC″ is supported.

api   The communication api being used. Either ″CM2 APPC″ or ″SNA/6000 OS Subroutines″ may be specified.

codes For ″CM2 APPC″ api, the rc1, rc2, and rc3 contain the primary return code, secondary return code and possibly an SNA sense code. For ″SNA/6000 OS Subroutines″ api, rc1 contains the errno global variable.

User Response: Determine the cause of the communication failure and have the problem corrected. DB2 periodically attempts to reestablish communication for automatic resolution. If automatic resolution does not occur in a reasonable amount of time, call the database administrator. Manual resolution of the transaction might be necessary at the participant to release locked resources.

Database Administrator Action: If manual resolution is necessary, inform the database administrator at the participant that the decision is commit.

SPM0409 **A transaction with LUWID=″<luwid>″ cannot be resolved due to cold start with LUNAME=″<luname>″. DB2 transaction status=″<status>″. DB2 responsibility=″<responsibility>″.**

Explanation: An indoubt transaction exists with the partner at ″<luname>″. DB2 is unable to resolve the indoubt transaction because the partner has lost all knowledge of indoubt transactions due to a previous cold start.

luwid The SNA logical unit of work id of the transaction.

status The commit status of the transaction as known by DB2. The commit status may be indoubt, committed, or rolled back.

responsibility

DB2 transaction responsibility. DB2 may be the coordinator or may be the participant.

User Response: There is probably inconsistent data at the coordinator and participant. Inform database administrator of the status of the transaction.

Database Administrator Action: Manual resolution is necessary. The heuristic decision (that is, to commit or roll back the transaction) should be coordinated with any other participants and/or the coordinator. The existence of other participants might not be easy to determine. The information might be available in the coordinators recovery log even though the coordinator performed a cold start.

The commit or abort decision provided using the LIST INDOUBT TRANSACTIONS command for the transaction are propagated to all downstream participants, if any.

SPM0410   **Warm start connection by partner with LUNAME=″<luname>″ rejected. Partner changed at least 1 of - our log name ″<oldourname>″″<(newourname)>″, their log name ″<oldtheirname>″″<(newtheirname)>″, sync point protocol ″<oldpa(newpa)>″, flag byte sent ″<oldfb(newfb)>″, cclluname sent ″<oldccls(newccls)>″, and indoubt transactions require resolution.**

Explanation: An attempt to make a warm start connection with a partner was rejected because the partner specified a different set of sync point parameters than the ones that were in use when communications were lost. DB2 has knowledge of indoubt transactions that involve the partner as either the coordinator or a participant. This error might be a recoverable error if the partner can restart with the original sync point parameters. If this is not possible, then the partner must perform a cold start connection with DB2.

luname
> The LU name of the partner.

oldourname
> The log name for this DB2 subsystem. This value is null if the partner did not initiate the log name exchange.

newourname
> The log name for this DB2 subsystem, as remembered by our partner and sent to us in the attempted warm start connection. This value is null if the partner did not initiate the log name exchange.

oldtheirname
> The log name used by the partner during the last connection, as remembered by DB2.

newtheirname
> The log name used by the partner in the attempted warm start connection.

oldpa   The sync point protocol used during the last connection, as remembered by the DB2 (PA - Presumed Abort, PN - Presumed Nothing).

newpa   The sync point protocol used during the last connection, as remembered by the partner (PA - Presumed Abort, PN - Presumed Nothing).

oldfb   The use of the PS header byte 2 during the last connection, as remembered by DB2 (F - used as flag byte, N - not used as flag byte).

newfb   The use of the PS header byte 2 during the last connection, as remembered by the partner (F - used as flag byte, N - not used as flag byte).

oldccls   Whether the luname of the conversation correlator was exchanged as part of the sync point protocol during the last connection, as remembered by DB2. (E - was exchanged, N - was not exchanged).

newccls
> Whether the luname of the conversation correlator was exchanged as part of the sync point protocol during the last connection, as remembered by the partner (E - was exchanged, N - was not exchanged).

The connection with the partner is rejected. DB2 retains indoubt knowledge.

User Response: Call the database administrator.

Database Administrator Action: Contact the database administrator at the partner ″<luname>″ and determine if it is possible for the partner to perform a warm start with same sync point parameters as ours ('oldourname', 'oldtheirname', 'oldpa', 'oldfb', 'oldccls'). If this is possible, the next attempt to connect will succeed.

If this cannot be done, then there are two other possible solutions:
- Have the partner ″<luname>″ perform a cold start connection with this DB2 subsystem.

- Force the next connection with the partner to be a cold start connection.

SPM0411　　**Cold start connection by coordinator with LUNAME="<luname>" accepted. Indoubt transactions need manual resolution.**

Explanation: DB2 was the DRDA2 AS and has participant responsibility for indoubt transactions. The coordinator informed DB2 that it performed a cold start operation and lost all knowledge of indoubt transactions. The indoubt transactions at this DB2 must be manually resolved with the LIST INDOUBT TRANSACTIONS command.

dbalias　The database alias name of the coordinator.

The connection with the partner is accepted. A trace record is written.

User Response: Call the database administrator.

Database Administrator Action: DB2 is a participant with one or more indoubt transactions where the coordinator is "<luname>". The DBMS at "<luname>" performed a cold start. The DB2 participant assumes that the coordinator recovery log was lost or damaged and indoubt transaction resolution cannot be achieved. There is probably inconsistent data at the coordinator.

The heuristic decision (that is, to commit or abort the transaction should be coordinated with any other participants. The existence of other participants might not be easy to determine. The information might be available in the coordinators recovery log even though the coordinator performed a cold start.

The commit or abort decision provided using the LIST INDOUBT TRANSACTIONS command for the transaction are propagated to all downstream participants, if any.

SPM0412　　**Protocol error detected in sync point communications with coordinator with LUNAME="<luname1>". The transaction with LUWID="<luwid>" at the DB2 database with LUNAME="<luname2>" may be indoubt.**

Explanation: DB2 is a participant in the transaction. A protocol error occurred during the SNA sync point exchange with the coordinator identified by "<luname>". The protocol error fits into one of the following categories:

- An unknown SNA PS header was received.
- An SNA PS header was received in the wrong sequence.
- An invalid LU6.2 verb sequence was used to deliver the SNA PS header.
- A DEALLOCATE TYPE(ABEND_SVC) was received from the coordinator, indicating that the coordinator detected a protocol violation in the PS headers transmitted by DB2.

luname1
　　The LU name of the coordinator.

luname2
　　The LU name of the database where the transaction is indoubt.

luwid　The SNA logical unit of work id of the transaction.

The XID associated with the unit of work is printed following this message.

If the protocol error was detected before the commit decision, the transaction at the database with LU name="<luname2>" may be indoubt. DB2 does not automatically resolve such an indoubt transaction because of the protocol error.

If the protocol error was detected after the commit decision, the transaction either completed commit or abort processing.

A Syncpoint Protocol Violation trace is written.

User Response: The database administrator

might need to manually resolve the indoubt transaction.

Database Administrator Action: Determine if the transaction is indoubt. If it is indoubt, it must be manually resolved using the LIST INDOUBT TRANSACTIONS command. The commit or abort decision made at the coordinator must be determined so that the same decision can be made at DB2.

Contact the database administrator at the coordinator dbalias to determine whether the transaction with LUWID="<luwid>" committed or aborted.

If the coordinator system is another DB2, then the following steps can be taken at the DB2 coordinator to determine the commit or abort decision.

SPM0413   **Protocol error detected in sync point communications with participant with LUNAME="<luname>" and DBALIAS="<dbalias>". The transaction with LUWID="<luwid>" may be indoubt at the participant. DB2 committed.**

Explanation: DB2 is the coordinator of the transaction. A protocol error occurred during the SNA sync point exchange with the participant identified by "<luname>" and "<dbalias>". The protocol error fits into one of the following categories:

- An unknown SNA PS header was received.
- An SNA PS header was received in the wrong sequence.
- An invalid LU6.2 verb sequence was used to deliver the SNA PS header.
- A DEALLOCATE TYPE(ABEND_SVC) was received from the participant, indicating that the participant detected a protocol violation in the PS headers transmitted by DB2.

luname
       The LU name of the participant.

dbalias The database alias name of the participant.

luwid   The SNA logical unit of work id of the transaction.

The XID associated with the unit of work is printed following this message.

If application was told that the transaction committed.

There may be an indoubt transaction at the participant and if so, the indoubt transaction must be manually resolved. DB2 does not automatically resolve the indoubt transaction because of the protocol error.

A Syncpoint Protocol Violation trace record is written.

User Response: Call the database administrator. The participant might need to manually resolve the indoubt transaction.

SPM0414   **Protocol error during indoubt transaction resolution with participant with LUNAME="<luname>" and DBALIAS="<dbalias>". The transaction with LUWID="<luwid>" may be indoubt at the participant. DB2 rolled back.**

Explanation: DB2 has coordinator responsibility for the transaction which was rolled back. A protocol error occurred during indoubt resolution with the participant identified by "<luname>" and "<dbalias>".

The transaction at the participant remains indoubt. DB2 will not attempt to automatically resolve the indoubt transaction because of the protocol violation.

luname
       The LU name of the participant.

dbalias The database alias name of the participant.

luwid The SNA logical unit of work id of the transaction.

The XID associated with the unit of work is printed following this message.

A Resync Protocol Violation trace record is written.

User Response: Call the database administrator. The participant might need to manually resolve the indoubt transaction.

Database Administrator Action: If the transaction is indoubt at the participant, it must be manually (heuristically) resolved.

SPM0415 **Automatic resolution of the transaction with LUWID=″<luwid>″ with the coordinator at LUNAME=″<luname>″ resulted in roll back. The DB2 Universal Database is = ″<dbname>″.**

Explanation: The indoubt transaction at the database identified by ″<dbname>″ was automatically resolved by communication with the coordinator identified by ″<luname>″. The transaction was rolled back.

luname1
     The LU name of the coordinator.

luwid The SNA logical unit of work id of the transaction.

luname2
     The LU name of the database where the changes were made.

The XID associated with the unit of work is printed following this message.

Processing continues normally.

SPM0416 **Cold start connection rejected by partner with LUNAME ″<luname>″.**

Explanation: DB2 attempted to make a cold-start connection with a partner dbalias. The

partner rejected this attempted connection.

luname
     The LU name of the coordinator.

The connection was not made.

User Response: Call the database administrator.

Database Administrator Action: DB2 is not able to connect the partner ″<luname>″ until the partner ″<luname>″ allows a cold-start connection with DB2. Contact the database administrator at the partner ″<luname>″.

Contact your IBM Support Center for further assistance.

SPM0417 **Protocol error detected in sync point communications with participant with LUNAME=″<luname>″ and DBALIAS=″<dbalias>″. The transaction with LUWID=″<luwid>″ may be indoubt at the participant. DB2 rolled back.**

Explanation: DB2 is the coordinator of the transaction. A protocol error occurred during the SNA sync point exchange with the participant identified by ″<luname>″ and ″<dbalias>″. The protocol error fits into one of the following categories:

- An unknown SNA PS header was received.
- An SNA PS header was received in the wrong sequence.
- An invalid LU6.2 verb sequence was used to deliver the SNA PS header.
- A DEALLOCATE TYPE(ABEND_SVC) was received from the participant, indicating that the participant detected a protocol violation in the PS headers transmitted by DB2.

luname
     The LU name of the participant.

dbalias The database alias name of the participant.

luwid The SNA logical unit of work id of the transaction.

The XID associated with the unit of work is printed following this message.

If application was told that the transaction rolled back.

There may be an indoubt transaction at the participant and if so, the indoubt transaction must be manually resolved. DB2 does not automatically resolve the indoubt transaction because of the protocol error.

A Syncpoint Protocol Violation trace record is written.

User Response: Call the database administrator. The participant might need to manually resolve the indoubt transaction.

SPM0420   Cold start connection by participant LUNAME=″<luname>″ accepted. Possible damage.

Explanation: DB2 has coordinator responsibility for indoubt transactions at a participant and just connected with the participant, which lost all knowledge of indoubt transactions because of a previous cold start. There might be damage at the participant.

luname
        The LU name of the participant where there might be damage.

The connection with the partner is accepted.

User Response: Call the database administrator.

Database Administrator Action: DB2 is the coordinator with indoubt transaction resolution responsibility for one or more indoubt units of work at ″<luname>″. The DBMS at ″<luname>″ performed a cold start. DB2 assumes that the participant recovery log was lost or damaged and indoubt transaction resolution cannot be achieved. There is probably inconsistent data at the participant. Minimally, the participant might not completely reflect the final outcome of the transactions that were indoubt at the time the failure occurred.

SPM0421   SNA XLN protocol violation by partner with LUNAME=″<luname>″

Explanation: DB2 detected a protocol violation in the SNA Exchange Log Names (XLN) exchange with the partner at the specified ″<luname>″.

luname
        The LU name of the partner that sent the invalid XLN message.

The attempt to connect with the remote site fails. An XLN Protocol Violation trace record is written.

User Response: Contact the system programmer for the remote site. The invalid XLN message is recorded in the trace record. The system logic error that causes the invalid XLN message must be corrected at the remote site.

SPM0422   Warm start connection by partner LUNAME=″<luname>″ rejected because the partner remembers our log name incorrectly. Our log name is ″<name1>″ and the partner remembers is as ″<name2>″.

Explanation: An attempt to make a warm start connection with a partner was rejected because the partner specified our log name as name2. Our log name is name1, which is the luname of the local DB2. This error might be a recoverable error if the partner can restart with our log name as name1. If this is not possible, then the partner must perform a cold start connection with DB2.

luname
        The LU name of the partner with which the connection failed.

name1   Our log name, as remembered by us.

name2   Our log name, as remembered by our partner and sent to us in the attempted warm start connection.

The connection with the partner is rejected.

User Response: Call the database administrator.

Database Administrator Action: Contact the database administrator at the partner ″<luname>″ and determine if it is possible for the partner to perform a warm start with our log name specified as the luname of this DB2. If this is possible, the next attempt to connect will succeed. Or have the partner ″<luname>″ perform a cold start connection with DB2.

SPM0423	**Automatic resolution of the transaction with LUWID=″<luwid>″ with the partner at LUNAME=″<luname>″ and DBALIAS=″<dbalias>″ resulted in commit.**

Explanation: The indoubt unit of work was automatically resolved by communication with the participant. The participant has been notified of the commit decision.

luname
> The LU name of the participant.

dbalias The database alias name of the participant.

luwid The SNA logical unit of work id of the transaction.

The XID associated with the unit of work is printed following this message.

Processing continues normally.

SPM0424	**Automatic resolution of the transaction with LUWID=″<luwid>″ with the participant at LUNAME=″<luname>″ and DBALIAS=″<dbalias>″ resulted in roll back.**

Explanation: The indoubt unit of work was automatically resolved by communication with the participant. The participant has been notified of the roll back decision.

luname
> The LU name of the participant.

dbalias The database alias name of the participant.

luwid The SNA logical unit of work id of the transaction.

The XID associated with the unit of work is printed following this message.

Processing continues normally.

SPM0425	**A transaction with LUWID=″<luwid>″ at the participant with LUNAME=″<luname>″ and DBALIAS=″<dbalias>″ may be indoubt because of a communication failure. DB2 rolled back.**

Explanation: During execution of the two phase commit protocol with the participant at ″<luname>″, a communication failure occured. Phase 1 of the protocol completed and the transaction is prepared for either commit or abort. The decison to roll back the transaction was made, but cannot be communicated to the participant at this time. The participant is indoubt.

DB2 becomes responsible for indoubt resolution with the participant. This responsibility appears in the LIST DRDA INDOUBTS TRANSACTION report. Periodic attempts are made to reestablish communication with the participant for automatic resolution.

luname
> The LU unit name of the participant.

dbalias The database alias name of the participant.

luwid The SNA logical unit of work id of the transaction.

The XID associated with the unit of work is printed following this message.

Periodic attempts will be made to automatically resolve the indoubt transaction at the participant.

User Response: Determine the cause of the communication failure and have the problem corrected. DB2 periodically attempts to reestablish communication for automatic resolution. If automatic resolution does not occur in a reasonable amount of time, call the database administrator. Manual resolution of the transaction might be necessary at the participant to release locked resources.

Database Administrator Action: If manual resolution is necessary, inform the database administrator at the participant that the decision is roll back.

SPM0426   Protocol error detected during indoubt transaction resolution with participant at LUNAME=″<luname>″ and DBALIAS=″<dbalias>″. The transaction with LUWID=″<luwid>″ may be indoubt at the participant. DB2 committed.

Explanation: DB2 has coordinator responsibility for the transaction which was committed. A protocol error occurred during indoubt resolution with the participant identified by ″<luname>″ and ″<dbalias>″.

The transaction at the participant remains indoubt. DB2 will not attempt to automatically resolve the indoubt transaction because of the protocol violation.

luname
    The LU name of the participant.

dbalias The database alias name of the participant.

luwid The SNA logical unit of work id of the transaction.

The XID associated with the unit of work is printed following this message.

A Resync Protocol Violation trace record is written.

User Response: Call the database administrator.

The participant might need to manually resolve the indoubt transaction.

Database Administrator Action: If the transaction is indoubt at the participant, it must be manually (heuristically) resolved.

SPM0434   Sync point manager not available - incorrect communications level.

Explanation: The local communications release level is older than the minimum release level or the communication manager is incorrectly configured to support APPC SYNCLEVEL(SYNC) conversations.

The attempt to create a protected conversation fails.

User Response: Install and configure the correct communications level required to support SYNCLEVEL(SYNC) conversations.

SPM0438   Sync point manager recovery log is bad.

Explanation: The sync point manager recovery log is inconsistent and cannot be used to perform recovery during DB2 start up processing.

User Response: Indoubt transactions may exist at DRDA2 application servers. These indoubt transactions must be recovered manually.

Call the database administrator.

Database Administrator Action: To start the sync point manager, erase the spmlog directory and start DB2. This will cause DB2 to create new sync point log files and to establish cold start connections with all DRDA2 application servers.

SPM0439   Sync point manager unrecoverable error while attempting to write to the SPM recovery log.

Explanation: The sync point manager log is inconsistent and cannot be used. An unrecoverable error has been detected while attempting to write to the SPM log during DB2 processing.

User Response: The sync point manager will

not allow any new synclevel(twophase) connections. Issue the LIST DRDA INDOUBT TRANSACTIONS command to determine the status of any indoubt transactions.

Call the database administrator.

Database Administrator Action: To start the sync point manager, erase the spmlog directory and start DB2. This will cause DB2 to create new sync point log files and to establish cold start connections with all DRDA2 application servers.

SPM0440E Error encountered while trying to start ″<protocol>″ protocol support. Return code from ″<function>″ was ″<rc>″. The most probable cause for this error is that SNA has not been started. Please stop DB2, start SNA, and restart DB2.

SPM0441 The sync point manager is not available for the sync point manager LU. The sync point manager LU is ″<lu-name>″ and the LU profile is ″<lu-profile>″.

Explanation: The sync point support could not be enabled by DB2. The most likely causes of this are:
1. The AIX SNA communications level is invalid. For sync point support AIX SNA V2 or greater is required.
2. For AIX SNA V2, the Recovery Resource Manager (RRM) is not enabled. This parameter can be found in SNA System Defaults. Enable this parameter, verify the SNA profile, then stop and restart both AIX SNA and DB2.
3. For AIX SNA V3, the Recovery Resource Manager (RRM) is not enabled for the sync point manager LU ″<lu-name>″. This parameter can be found in the LU definition for LU ″<lu-name>″. Enable this parameter, verify the SNA profile, then stop and restart both AIX SNA and DB2.

User Response: Determine the reason based on the previously described possibilities. Correct and retry.

SPM0442 Sync point manager not available. The most probable cause for the failure is that a CPIC Side information profile with the name ″<name>″ does not exist.

Explanation: The sync point manager requires a CPIC Side Information Profile with the name "<name>". This profile cannot be found or contains incorrect information.

User Response: Please correct the profile, verify the SNA profile, and stop and restart both DB2 and SNA. Refer to the DB2 Connect Quick Beginnings for information on how to configure sync point manager support.

SPM0443 Sync point manager not available. The most probable cause for the failure is that the instance starting the sync point manager does not belong to one of the Trusted Group Names for AIX SNA.

Explanation: In order for the sync point manager to initialise itself the instance in which DB2 is started needs certain authorities in order to interact with the SNA support. AIX SNA requires that the Trusted Group Names includes any userID that will issue these commands.

User Response: In the SNA System Defaults dialog, add the instance starting the sync point manager to one of the defined groups under Trusted Group Names. Stop and restart AIX SNA. Log off of the AIX Term, log back on to the instance ID, and restart DB2.

If this does not enable you to start the sync point manager, apply the most recent PTF for AIX SNA and retry the previous instructions.

SPM0444 Sync point manager not available. The most probable cause for the failure is that a Transaction Program profile with the name ″<name>″ does not exist.

Explanation: The sync point manager requires a Transaction Program Profile of the name "<name>". This profile cannot be found or

contains incorrect information.

User Response: Please correct the profile, verify the SNA profile, and stop and restart both DB2 and SNA. Refer to the DB2 Connect Quick Beginnings for information on how to configure sync point manager support.

SPM0445 **The Transaction Program "<tp-name>" will not be listened for by DB2. This is not a severe error but if you require this Transaction Program then you must ensure it is NOT defined in the Transaction Profile of the AIX SNA configuration.**

Explanation: When the sync point manager initialises itself it registers Transaction Programs for which it will listen. In order for the sync point manager to listen for the named TP, it isnecessary that no other Transaction Program Profile have this TP defined else there will be a conflict between the sync point manager and AIX SNA. If such a conflict exists then AIX SNA will listen and the sync point manager will not.

User Response: If you require the sync point manager to listen for the named TP then you must ensure that no other TP Profile references this transaction program. The sync point manager has started succesfully regardless of this error.

SPM0446E **The Transaction Program "<tp-name>" will not be listened for by DB2. This is a severe error. The sync point manager has failed to start. Most probable cause is either that another instance has started the sync point manager using the same SPM_NAME in their database manager configuration OR the Encina Peer to Peer Gateway exists on this same machine and the Transaction Program named is defined in an AIX SNA Transaction Profile.**

Explanation: The sync point manager tried to register this TP but could not.

User Response: Remove the TP Profile from AIX SNA. Stop and restart both DB2 and AIX SNA.

SPM0447E **Error encountered while trying to start "<protocol>" protocol support. Return code from "<function>" was "<rc>". The most probable cause for this error is that the LU "<lu-name>" is already in use for sync point management. Ensure the Encina Peer to Peer Gateway or another sync point manager is not using this LU.**

Explanation: An LU can be registered with AIX SNA as supporting sync point by at most one application. In this case, the requested sync point manager LU is already registered. The most likely cause is that the Encina Peer to Peer Gateway is using this LU as a sync point manager or another DB2 instance is using this as a sync point manager.

User Response: Change the SPM_NAME in the database manager configuration such that a unique LU is used. Stop and restart DB2.

SPM0448E **Error encountered while trying to start the sync point manager protocol support. The sync point manager failed to register LUNAME "<luname>" for sync point support since this LU has been configured for SNA API client use. Either choose a different LU for the sync point manager or disable the SNA API client use in the Local LU 6.2 definition for this LU.**

Explanation: This error occurs when the customer is trying the start the sync point manager using CS/NT V5.01 and is using a Local LU 6.2 definition where the SNA API client use flag has been set.

User Response: Either choose a different local LU 6.2 (without the SNA API client use configured) or disable the SNA API client use

flag for the Local LU 6.2 definition.

SPM0449E **Connection attempt failed. The most probable cause for the failure is that the LU specified in the CPIC Side information profile ″<profile1>″ does not match the sync point manager LU specified in the CPIC Side information profile ″<profile2>″.**

Explanation: In order to have proper communications with the host system, any CPIC Side information profile defined for communication must specifiy the same LU as defined for the configured sync point manager.

User Response: Update SNA CPIC Side information profile ″<profile1>″ with the proper LU, verify the SNA profile, stop and restart both SNA and DB2, and try the connection again.

SPM0450E **Library could not be loaded. Access Permissions denied.**

Explanation: The most probable cause for this problem is a result of a bug in Windows NT.

User Response: Ensure that all network drives in your System and local PATH statement are at the end of the PATH statement. Select Start/Settings/Control Panel/System/Environment/System/Path and move all network drives to the end of the path statement. Then shutdown and restart the system.

SPM0451E **MS SNA Server not started.**

Explanation: The SNA server is not started.

User Response: Please start SNA Server and restart DB2.

SPM0452I **Ensure that the SPM_NAME specified in the database manager configuration is not the same as the Control Point name "<name>". The SPM_NAME has been temporarily replaced with "<temp-name>".**

Explanation: The SPM_NAME cannot be the same as the Control Point name. The SPM_NAME has been temporarily replaced with an alternate name, but the database manager configuration file has not been changed.

User Response: Update the SPM_NAME in the database manager configuration file. Specify a name that is not the Control Point name.

SPM0453C **Sync point manager did not start because Microsoft SNA Server has not been started.**

Explanation: This DB2 instance has been configured to start the sync point manager. However, the underlying SNA stack, Microsoft SNA Server, has not been started. Therefore the sync point manager support cannot be started.

User Response: Microsoft SNA Server must be started. Please stop DB2 by issuing the command DB2STOP FORCE. Then perform the following steps:

1. Start
2. Settings
3. Control Panel
4. Double click Services
5. Click SnaServer
6. Click Start

Once Microsoft SNA Server has started, restart DB2 by issuing the command DB2START.

SPM0454C Sync point manager was not started because it requires exclusive use of the Logical Unit (LU) represented by the LU Alias "<lualias>".

Explanation: The sync point manager requires exclusive use of a Logical Unit (LU). The LU currently being used by the sync point manager is identified as part of the default outgoing Local APPC LU Pool. Therefore this LU is identified as being available for any application. The LU has also been identified as the LU to be used by the sync point manager via the SPM_NAME Database Manager Configuration parameter. Since the sync point manager requires exclusive use of this LU, the LU cannot be a member of the default outgoing Local APPC LU Pool.

User Response: Modify the LU definition so that the LU is not a member of the default outgoing Local APPC LU Pool, or change the SPM_NAME value to an LU which is not a member of this default pool. Stop and restart SNA Server. Then stop and restart DB2.

Please refer to the DB2 Connect Quick Beginnings Manual or the DB2 Universal Database Quick Beginnings Manual for instructions on defining an LU within Microsoft SNA Server to be used by the sync point manager.

SPM0455C Sync point manager was not started. The Logical Unit (LU) represented by the LU Alias "<lualias>" is not properly configured to be used by the sync point manager.

Explanation: To use sync point manager, you must configure the LU to be sync point enabled.

User Response: Modify the LU definition so that the LU is sync point enabled and the Client field contains the name of the SNA Server. Restart SNA Server and then restart DB2.

Please refer to the DB2 Connect Quick Beginnings Manual or the DB2 Universal Database Quick Beginnings Manual for instructions on defining an LU within Microsoft

SNA Server to be used by the sync point manager.

SPM0456C Sync point manager was not started. Ensure the Client field of the Logical Unit (LU) represented by the LU Alias "<lualias>" contains the name of this SNA Server.

Explanation: To start sync point manager, the LU must be sync point enabled. To sync point enable the LU, ensure that the "Enable Syncpoint Support" checkbox is checked and that the Client field contains the name of this SNA Server.

In this situation the "Enable Syncpoint Support" checkbox is checked but the Client field is not filled in.

User Response: Modify the LU definition so that the LU is sync point enabled and the Client field contains the name of the SNA Server. Stop and restart SNA Server and then stop and restart DB2.

Please refer to the DB2 Connect Quick Beginnings Manual or the DB2 Universal Database Quick Beginnings Manual for instructions on defining an LU within Microsoft SNA Server to be used by the sync point manager.

SPM0457W Another DB2 instance is already listening for transaction program DB2DRDA. This is not a fatal error. However, this instance will not listen for transaction program DB2DRDA.

Explanation: Unless the sync point manager is enabled, only a single DB2 instance can listen for Transaction Program DB2DRDA.

User Response: Define DB2 registry value DB2SERVICETPINSTANCE at a global level to define which instance listens for transaction program DB2DRDA. Then restart all affected instances.

To define the DB2 registry value DB2SERVICETPINSTANCE at a global level,

issue the following command:

db2set -g DB2SERVICETPINSTANCE=<instance-name>

where <instance-name> represents the name of the instance.

SPM0458W   Another DB2 instance is already listening for transaction program x'07'6DB (hex 07F6C4C2). This is not a fatal error. However, this instance will not listen for transaction program x'07'6DB.

Explanation: Only a single DB2 instance can listen for transaction program x'07'6DB unless the sync point manager is enabled.

User Response: Define DB2 registry value DB2SERVICETPINSTANCE at a global level to define which instance listens for transaction program x'07'6DB (hex 07F6C4C2). Then restart all affected instances.

To define the DB2 registry value DB2SERVICETPINSTANCE at a global level, issue the following command:

db2set -g DB2SERVICETPINSTANCE=<instance-name>

where <instance-name> represents the name of the instance.

SPM0459W   The version of SNA you have installed is incompatible with this version of DB2.

Explanation: DB2 Connect for AIX and DB2 Universal Database for AIX V6.1 and greater require IBM eNetwork Communication Server for AIX V5.0.3 or higher for SNA connectivity.

The required version of IBM Communication Server is not installed on this machine.

User Response: You must upgrade to the IBM eNetwork Communications Server for AIX V5.0.3. The PTF can be downloaded from:

http://service.software.ibm.com/cgi-bin/support/rs6000.support/downloads.

Select AIX General Software Fixes, AIX Fix

Distribution Service, AIX Version 4, and Search By PTF Number. Enter the search string sna.rte. Select Find Fix. Once the PTF is listed, select the PTF, then click Get Fix Package and follow the instructions.

SPM0460W   The version of Microsoft SNA Server installed on this machine does not support the sync point manager.

Explanation: This instance is configured to use the DB2 SNA sync point manager with Microsoft SNA Server. The version of Microsoft SNA Server installed on this machine does not support the sync point manager.

User Response: To support the sync point manager, DB2 requires Microsoft SNA Server V4 Service Pack 3 or above.

To perform multisite update with DB2 Universal Database for OS/390, OS/400, or VM/VSE, you must install Microsoft SNA Server V4 Service Pack 3 or above. Once you have installed the correct version of Microsoft SNA Server, stop and restart DB2 Connect or DB2 Universal Database.

Chapter 13. SQJ Messages

This section contains the DB2 Embedded SQLJ in Java (SQLJ) messages. The messages are listed in numeric sequence.

SQJ0001W   **Customizing profile ″<profile-name>″.**

Explanation: This message is written to the standard output device when the precompiler begins processing. The token ″<profile-name>″ refers to the particular profile being customized.

Processing continues.

User Response: No action is required.

SQJ0100E   **Invalid option specified ″<option>″.**

Explanation: The specified option is invalid.

User Response: Check the syntax and resubmit the command with the valid option and parameter. The format is -<option>=<parameter>.

SQJ0101E   **Unknown option ″<option>″.**

Explanation: The option is unknown or unsupported.

User Response: Execute the command alone without specifying options for usage help. Resubmit the command with a valid option.

SQJ0102E   **No <option> specified.**

Explanation: An option is missing.

User Response: Resubmit the command specifying the required option.

SQJ0103E   **No profile specified.**

Explanation: The profile name is required but missing.

User Response: Resubmit the command with the profile name.

SQJ0104E   **Unable to load profile ″<profile>″.**

Explanation: The specified profile cannot be found or does not exist.

User Response: Make sure the profile exists or the profile name is correctly specified.

SQJ0105E   **Unable to customize profile ″<profile>″.**

Explanation: The profile cannot be customized due to system or internal error.

User Response: Contact IBM service for assistance.

SQJ0106E   **Invalid syntax ″<command-syntax>″.**

Explanation: The syntax of the specified option is invalid.

User Response: Resubmit the command with the correct syntax.

SQJ0200E   **An internal error has occured.**

Explanation: An unexpected internal error has occurred.

User Response: Turn trace on and retry the steps that caused the error. If the problem reoccurs, save the trace information to a file and contact IBM Support with the following information:
- Problem description
- Message number
- Trace file

SQJ0201E   **An internal error has occurred during profile customization. Reason code "<reason-code>".**

Explanation: An unexpected internal error has occurred when customizing a profile.

User Response: Turn DB2 and CLI trace on and retry the steps that caused the error. If the problem reoccurs, save the trace information to a file and contact IBM Support with the following information:
- Problem description
- Message number
- Reason code
- Trace file

SQJ0202E   **An internal error has occurred during precompilation. Reason code "<reason-code>".**

Explanation: An unexpected internal error has occurred when precompiling.

User Response: Turn trace on and retry the steps that caused the error. If the problem reoccurs, save the trace information to a file and contact IBM Support with the following information:
- Problem description
- Message number
- Reason code
- Trace file

SQJ0203E   **An internal error has occurred when processing the command. Reason code "<reason-code>".**

Explanation: An unexpected internal error has occurred when processing the command.

User Response: Turn trace on and retry the steps that caused the error. If the problem reoccurs, save the trace information to a file and contact IBM Support with the following information:
- Problem description
- Message number
- Reason code
- Trace file

SQJ0204E   **A FOR UPDATE clause was found from a SELECT statement.**

Explanation: A syntax error in the SQL statement was detected when the update-clause appears in a SELECT statement.

User Response: Correct the syntax error in the SELECT statement and specify the update-clause through the iterator-declaration-clause.

SQJ4011E   **Invalid SQL sub-statement in a Compound SQL statement.**

Explanation: This error is returned when an invalid sub-statement is detected in a Compound SQL statement. Valid statements are:
- ALTER TABLE
- COMMENT ON
- CREATE INDEX
- CREATE TABLE
- CREATE VIEW
- Searched DELETE
- DROP
- GRANT
- INSERT
- LOCK TABLE
- REVOKE
- SELECT INTO
- Searched UPDATE
- COMMIT; only when specified as the last sub-statement.

User Response: Resubmit the command without the invalid sub-statement.

Appendix A. SPM Protocol Violation Records

This section shows the Protocol Violation records generated by the sync point manager. These records will be directed to the first failure service log (db2diag.log) and will follow the corresponding message.

Resync Protocol Violation Record

```
/******************************************************************************
* SQLCSPM_RESYNC_PROTOCOL_VIOLATION_206 - Resync Protocol error.             *
*                                                                            *
* This trace is produced when a protocol error occurs during a Resync Compare *
* States (CS) exchange with a remote LU. The following are examples of SNA   *
* Compare States protocol errors:                                           *
*    * an unknown STATE was found in the SNA CS message                     *
*    * an invalid data message was received from the remote site           *
*    * an invalid LU6.2 verb sequence was detected                         *
*                                                                            *
******************************************************************************/
#define SQLCSPM_RPV_206_T "SQLCSPM_RESYNC_PROTOCOL_VIOLATION_206"  /* Title.*/
typedef struct sqlcspm_resync_protocol_violation_206
{                                    /*                                    */
  SQLCSPM_LUNAME  luname;            /*  Site involved in violation.       */
  SQLCSPM_LUWID   luwid;             /*  LUWID for the unit of work.       */
  SQLXA_XID       xid;               /*  XID of the thread.                */
  char            role;              /*  Role of DB2 in LUW  -- C or P.    */
                                     /*   C for coordinator.               */
                                     /*   P for participant.               */
  char            status;            /*  Local thread status -- C, A or I  */
                                     /*   C for COMMIT.                    */
                                     /*   A for ABORT.     .               */
                                     /*   I for INDOUBT.                   */
  SQLCSPS_TRACE   comm_trace;        /*  Communication trace of violation. */
} SQLCSPM_RESYNC_PROTOCOL_VIOLATION_206;
```

Syncpoint Protocol Violation Record

```
/******************************************************************************
* SQLCSPM_2PHASE_PROTOCOL_VIOLATION_208  - SNA syncpoint protocol error.     *
*                                                                            *
* This trace is produced when a protocol error occurs during the SNA        *
* syncpoint process with a remote LU.   The following are examples of SNA   *
* syncpoint protocol errors:                                                *
*    * an unknown SNA PS header was received.                               *
*    * an SNA PS header was received in the wrong sequence.                 *
*    * an invalid LU6.2 verb sequence was detected.                         *
*    * the remote site issued DEALLOCATE TYPE(ABEND_SVC).                   *
******************************************************************************/
#define SQLCSPM_2PPV_208_T "SQLCSPM_2PHASE_PROTOCOL_VIOLATION_208" /* Title.*/
```

```
typedef struct sqlcspm_2phase_protocol_violation_208
{                                       /*                                      */
  SQLCSPM_LUNAME  luname;               /*  Site involved in violation.         */
  SQLCSPM_LUWID   luwid;                /*  LUWID for the unit of work.         */
  SQLXA_XID       xid;                  /*  XID of the thread.                  */
  char            role;                 /*  Role of DB2 in LUW  -- C or P.      */
                                        /*   C for coordinator.                 */
                                        /*   P for participant.                 */
  char            local_status;         /*  Local thread status -- C, A or I    */
                                        /*   C for COMMIT.                      */
                                        /*   A for ABORT.     .                 */
                                        /*   I for INDOUBT.                     */
  char            partner_status;       /*  Partner thread status -- C, A or I  */
                                        /*   C for COMMIT.                      */
                                        /*   A for ABORT.     .                 */
                                        /*   I for INDOUBT.                     */
  SQLCSPS_TRACE   comm_trace;           /*  Communication trace of violation.   */
} SQLCSPM_2PHASE_PROTOCOL_VIOLATION_208;
```

XLN Protocol Violation Record

```
/*******************************************************************************
* SQLCSPM_XLN_PROTOCOL_VIOLATION_236   - SNA XLN protocol error.               *
*                                                                             *
* This trace is produced when a protocol error occurs during the SNA          *
* syncpoint process with a remote LU.   The following are examples of SNA     *
* syncpoint protocol errors:                                                  *
*    * an unknown SNA PS header was received.                                 *
*    * an SNA PS header was received in the wrong sequence.                   *
*    * an invalid LU6.2 verb sequence was detected.                          *
*    * the remote site issued DEALLOCATE TYPE(ABEND_SVC).                     *
*******************************************************************************/
#define SQLCSPM_XPV_236_T "SQLCSPM_XLN_PROTOCOL_VIOLATION_236"    /* Title.*/
typedef struct sqlcspm_xln_protocol_violation_236
{                                       /*                                      */
  SQLCSPM_LUNAME  luname;               /*  Site involved in violation.         */
  SQLCSPX_XLN_INF xln_inf;              /*  Current XLN information
                                            in LUB.    */
  SQLCSPX_XLN_INF txln_inf;             /*  Temporary XLN information
                                            in LUB.    */
  SQLCSPM_GDSAREA xln;                  /*  Current XLN GDS being
                                             processed. */
  SQLCSPS_TRACE   comm_trace;           /*  Communication trace of violation.   */
} SQLCSPM_XLN_PROTOCOL_VIOLATION_236;
```

Appendix B. Using the DB2 Library

The DB2 Universal Database library consists of online help, books (PDF and HTML), and sample programs in HTML format. This section describes the information that is provided, and how you can access it.

To access product information online, you can use the Information Center. For more information, see "Accessing Information with the Information Center" on page 489. You can view task information, DB2 books, troubleshooting information, sample programs, and DB2 information on the Web.

DB2 PDF Files and Printed Books

DB2 Information

The following table divides the DB2 books into four categories:

DB2 Guide and Reference Information
These books contain the common DB2 information for all platforms.

DB2 Installation and Configuration Information
These books are for DB2 on a specific platform. For example, there are separate *Quick Beginnings* books for DB2 on OS/2, Windows, and UNIX-based platforms.

Cross-platform sample programs in HTML
These samples are the HTML version of the sample programs that are installed with the Application Development Client. The samples are for informational purposes and do not replace the actual programs.

Release notes
These files contain late-breaking information that could not be included in the DB2 books.

The installation manuals, release notes, and tutorials are viewable in HTML directly from the product CD-ROM. Most books are available in HTML on the product CD-ROM for viewing and in Adobe Acrobat (PDF) format on the DB2 publications CD-ROM for viewing and printing. You can also order a printed copy from IBM; see "Ordering the Printed Books" on page 485. The following table lists books that can be ordered.

On OS/2 and Windows platforms, you can install the HTML files under the sqllib\doc\html directory. DB2 information is translated into different

475

languages; however, all the information is not translated into every language. Whenever information is not available in a specific language, the English information is provided

On UNIX platforms, you can install multiple language versions of the HTML files under the doc/%L/html directories, where %L represents the locale. For more information, refer to the appropriate *Quick Beginnings* book.

You can obtain DB2 books and access information in a variety of ways:

- "Viewing Information Online" on page 488
- "Searching Information Online" on page 492
- "Ordering the Printed Books" on page 485
- "Printing the PDF Books" on page 484

Table 1. DB2 Information

Name	Description	Form Number / PDF File Name	HTML Directory
DB2 Guide and Reference Information			
Administration Guide	*Administration Guide: Planning* provides an overview of database concepts, information about design issues (such as logical and physical database design), and a discussion of high availability.	SC09-2946 db2d1x70	db2d0
	Administration Guide: Implementation provides information on implementation issues such as implementing your design, accessing databases, auditing, backup and recovery.	SC09-2944 db2d2x70	
	Administration Guide: Performance provides information on database environment and application performance evaluation and tuning.	SC09-2945 db2d3x70	
	You can order the three volumes of the *Administration Guide* in the English language in North America using the form number SBOF-8934.		
Administrative API Reference	Describes the DB2 application programming interfaces (APIs) and data structures that you can use to manage your databases. This book also explains how to call APIs from your applications.	SC09-2947 db2b0x70	db2b0

Table 1. DB2 Information (continued)

Name	Description	Form Number PDF File Name	HTML Directory
Application Building Guide	Provides environment setup information and step-by-step instructions about how to compile, link, and run DB2 applications on Windows, OS/2, and UNIX-based platforms.	SC09-2948 db2axx70	db2ax
APPC, CPI-C, and SNA Sense Codes	Provides general information about APPC, CPI-C, and SNA sense codes that you may encounter when using DB2 Universal Database products. Available in HTML format only.	No form number db2apx70	db2ap
Application Development Guide	Explains how to develop applications that access DB2 databases using embedded SQL or Java (JDBC and SQLJ). Discussion topics include writing stored procedures, writing user-defined functions, creating user-defined types, using triggers, and developing applications in partitioned environments or with federated systems.	SC09-2949 db2a0x70	db2a0
CLI Guide and Reference	Explains how to develop applications that access DB2 databases using the DB2 Call Level Interface, a callable SQL interface that is compatible with the Microsoft ODBC specification.	SC09-2950 db2l0x70	db2l0
Command Reference	Explains how to use the Command Line Processor and describes the DB2 commands that you can use to manage your database.	SC09-2951 db2n0x70	db2n0
Connectivity Supplement	Provides setup and reference information on how to use DB2 for AS/400, DB2 for OS/390, DB2 for MVS, or DB2 for VM as DRDA application requesters with DB2 Universal Database servers. This book also details how to use DRDA application servers with DB2 Connect application requesters. Available in HTML and PDF only.	No form number db2h1x70	db2h1

Table 1. DB2 Information (continued)

Name	Description	Form Number PDF File Name	HTML Directory
Data Movement Utilities Guide and Reference	Explains how to use DB2 utilities, such as import, export, load, AutoLoader, and DPROP, that facilitate the movement of data.	SC09-2955 db2dmx70	db2dm
Data Warehouse Center Administration Guide	Provides information on how to build and maintain a data warehouse using the Data Warehouse Center.	SC26-9993 db2ddx70	db2dd
Data Warehouse Center Application Integration Guide	Provides information to help programmers integrate applications with the Data Warehouse Center and with the Information Catalog Manager.	SC26-9994 db2adx70	db2ad
DB2 Connect User's Guide	Provides concepts, programming, and general usage information for the DB2 Connect products.	SC09-2954 db2c0x70	db2c0
DB2 Query Patroller Administration Guide	Provides an operational overview of the DB2 Query Patroller system, specific operational and administrative information, and task information for the administrative graphical user interface utilities.	SC09-2958 db2dwx70	db2dw
DB2 Query Patroller User's Guide	Describes how to use the tools and functions of the DB2 Query Patroller.	SC09-2960 db2wwx70	db2ww
Glossary	Provides definitions for terms used in DB2 and its components. Available in HTML format and in the *SQL Reference*.	No form number db2t0x70	db2t0
Image, Audio, and Video Extenders Administration and Programming	Provides general information about DB2 extenders, and information on the administration and configuration of the image, audio, and video (IAV) extenders and on programming using the IAV extenders. It includes reference information, diagnostic information (with messages), and samples.	SC26-9929 dmbu7x70	dmbu7
Information Catalog Manager Administration Guide	Provides guidance on managing information catalogs.	SC26-9995 db2dix70	db2di

Table 1. DB2 Information (continued)

Name	Description	Form Number PDF File Name	HTML Directory
Information Catalog Manager Programming Guide and Reference	Provides definitions for the architected interfaces for the Information Catalog Manager.	SC26-9997 db2bix70	db2bi
Information Catalog Manager User's Guide	Provides information on using the Information Catalog Manager user interface.	SC26-9996 db2aix70	db2ai
Installation and Configuration Supplement	Guides you through the planning, installation, and setup of platform-specific DB2 clients. This supplement also contains information on binding, setting up client and server communications, DB2 GUI tools, DRDA AS, distributed installation, the configuration of distributed requests, and accessing heterogeneous data sources.	GC09-2957 db2iyx70	db2iy
Message Reference	Lists messages and codes issued by DB2, the Information Catalog Manager, and the Data Warehouse Center, and describes the actions you should take. You can order both volumes of the Message Reference in the English language in North America with the form number SBOF-8932.	Volume 1 SC09-2978 db2m1x70 Volume 2 SC09-2979 db2m2x70	db2m0
OLAP Integration Server Administration Guide	Explains how to use the Administration Manager component of the OLAP Integration Server.	SC27-0782 db2dpx70	n/a
OLAP Integration Server Metaoutline User's Guide	Explains how to create and populate OLAP metaoutlines using the standard OLAP Metaoutline interface (not by using the Metaoutline Assistant).	SC27-0784 db2upx70	n/a
OLAP Integration Server Model User's Guide	Explains how to create OLAP models using the standard OLAP Model Interface (not by using the Model Assistant).	SC27-0783 db2lpx70	n/a
OLAP Setup and User's Guide	Provides configuration and setup information for the OLAP Starter Kit.	SC27-0702 db2ipx70	db2ip
OLAP Spreadsheet Add-in User's Guide for Excel	Describes how to use the Excel spreadsheet program to analyze OLAP data.	SC27-0786 db2epx70	db2ep

Table 1. DB2 Information (continued)

Name	Description	Form Number PDF File Name	HTML Directory
OLAP Spreadsheet Add-in User's Guide for Lotus 1-2-3	Describes how to use the Lotus 1-2-3 spreadsheet program to analyze OLAP data.	SC27-0785 db2tpx70	db2tp
Replication Guide and Reference	Provides planning, configuration, administration, and usage information for the IBM Replication tools supplied with DB2.	SC26-9920 db2e0x70	db2e0
Spatial Extender User's Guide and Reference	Provides information about installing, configuring, administering, programming, and troubleshooting the Spatial Extender. Also provides significant descriptions of spatial data concepts and provides reference information (messages and SQL) specific to the Spatial Extender.	SC27-0701 db2sbx70	db2sb
SQL Getting Started	Introduces SQL concepts and provides examples for many constructs and tasks.	SC09-2973 db2y0x70	db2y0
SQL Reference, Volume 1 and Volume 2	Describes SQL syntax, semantics, and the rules of the language. This book also includes information about release-to-release incompatibilities, product limits, and catalog views. You can order both volumes of the *SQL Reference* in the English language in North America with the form number SBOF-8933.	Volume 1 SC09-2974 db2s1x70 Volume 2 SC09-2975 db2s2x70	db2s0
System Monitor Guide and Reference	Describes how to collect different kinds of information about databases and the database manager. This book explains how to use the information to understand database activity, improve performance, and determine the cause of problems.	SC09-2956 db2f0x70	db2f0
Text Extender Administration and Programming	Provides general information about DB2 extenders and information on the administration and configuring of the text extender and on programming using the text extenders. It includes reference information, diagnostic information (with messages) and samples.	SC26-9930 desu9x70	desu9

Table 1. DB2 Information (continued)

Name	Description	Form Number PDF File Name	HTML Directory
Troubleshooting Guide	Helps you determine the source of errors, recover from problems, and use diagnostic tools in consultation with DB2 Customer Service.	GC09-2850 db2p0x70	db2p0
What's New	Describes the new features, functions, and enhancements in DB2 Universal Database, Version 7.	SC09-2976 db2q0x70	db2q0
DB2 Installation and Configuration Information			
DB2 Connect Enterprise Edition for OS/2 and Windows Quick Beginnings	Provides planning, migration, installation, and configuration information for DB2 Connect Enterprise Edition on the OS/2 and Windows 32-bit operating systems. This book also contains installation and setup information for many supported clients.	GC09-2953 db2c6x70	db2c6
DB2 Connect Enterprise Edition for UNIX Quick Beginnings	Provides planning, migration, installation, configuration, and task information for DB2 Connect Enterprise Edition on UNIX-based platforms. This book also contains installation and setup information for many supported clients.	GC09-2952 db2cyx70	db2cy
DB2 Connect Personal Edition Quick Beginnings	Provides planning, migration, installation, configuration, and task information for DB2 Connect Personal Edition on the OS/2 and Windows 32-bit operating systems. This book also contains installation and setup information for all supported clients.	GC09-2967 db2c1x70	db2c1
DB2 Connect Personal Edition Quick Beginnings for Linux	Provides planning, installation, migration, and configuration information for DB2 Connect Personal Edition on all supported Linux distributions.	GC09-2962 db2c4x70	db2c4
DB2 Data Links Manager Quick Beginnings	Provides planning, installation, configuration, and task information for DB2 Data Links Manager for AIX and Windows 32-bit operating systems.	GC09-2966 db2z6x70	db2z6

Table 1. DB2 Information (continued)

Name	Description	Form Number PDF File Name	HTML Directory
DB2 Enterprise - Extended Edition for UNIX Quick Beginnings	Provides planning, installation, and configuration information for DB2 Enterprise - Extended Edition on UNIX-based platforms. This book also contains installation and setup information for many supported clients.	GC09-2964 db2v3x70	db2v3
DB2 Enterprise - Extended Edition for Windows Quick Beginnings	Provides planning, installation, and configuration information for DB2 Enterprise - Extended Edition for Windows 32-bit operating systems. This book also contains installation and setup information for many supported clients.	GC09-2963 db2v6x70	db2v6
DB2 for OS/2 Quick Beginnings	Provides planning, installation, migration, and configuration information for DB2 Universal Database on the OS/2 operating system. This book also contains installation and setup information for many supported clients.	GC09-2968 db2i2x70	db2i2
DB2 for UNIX Quick Beginnings	Provides planning, installation, migration, and configuration information for DB2 Universal Database on UNIX-based platforms. This book also contains installation and setup information for many supported clients.	GC09-2970 db2ixx70	db2ix
DB2 for Windows Quick Beginnings	Provides planning, installation, migration, and configuration information for DB2 Universal Database on Windows 32-bit operating systems. This book also contains installation and setup information for many supported clients.	GC09-2971 db2i6x70	db2i6
DB2 Personal Edition Quick Beginnings	Provides planning, installation, migration, and configuration information for DB2 Universal Database Personal Edition on the OS/2 and Windows 32-bit operating systems.	GC09-2969 db2i1x70	db2i1
DB2 Personal Edition Quick Beginnings for Linux	Provides planning, installation, migration, and configuration information for DB2 Universal Database Personal Edition on all supported Linux distributions.	GC09-2972 db2i4x70	db2i4

Table 1. DB2 Information (continued)

Name	Description	Form Number PDF File Name	HTML Directory
DB2 Query Patroller Installation Guide	Provides installation information about DB2 Query Patroller.	GC09-2959 db2iwx70	db2iw
DB2 Warehouse Manager Installation Guide	Provides installation information for warehouse agents, warehouse transformers, and the Information Catalog Manager.	GC26-9998 db2idx70	db2id
Cross-Platform Sample Programs in HTML			
Sample programs in HTML	Provides the sample programs in HTML format for the programming languages on all platforms supported by DB2. The sample programs are provided for informational purposes only. Not all samples are available in all programming languages. The HTML samples are only available when the DB2 Application Development Client is installed. For more information on the programs, refer to the *Application Building Guide*.	No form number	db2hs
Release Notes			
DB2 Connect Release Notes	Provides late-breaking information that could not be included in the DB2 Connect books.	See note #2.	db2cr
DB2 Installation Notes	Provides late-breaking installation-specific information that could not be included in the DB2 books.	Available on product CD-ROM only.	
DB2 Release Notes	Provides late-breaking information about all DB2 products and features that could not be included in the DB2 books.	See note #2.	db2ir

Notes:

1. The character *x* in the sixth position of the file name indicates the language version of a book. For example, the file name db2d0e70 identifies the English version of the *Administration Guide* and the file name db2d0f70 identifies the French version of the same book. The following letters are used in the sixth position of the file name to indicate the language version:

Language	Identifier
Brazilian Portuguese	b

Bulgarian	u
Czech	x
Danish	d
Dutch	q
English	e
Finnish	y
French	f
German	g
Greek	a
Hungarian	h
Italian	i
Japanese	j
Korean	k
Norwegian	n
Polish	p
Portuguese	v
Russian	r
Simp. Chinese	c
Slovenian	l
Spanish	z
Swedish	s
Trad. Chinese	t
Turkish	m

2. Late breaking information that could not be included in the DB2 books is available in the Release Notes in HTML format and as an ASCII file. The HTML version is available from the Information Center and on the product CD-ROMs. To view the ASCII file:

- On UNIX-based platforms, see the Release.Notes file. This file is located in the DB2DIR/Readme/*%L* directory, where *%L* represents the locale name and `DB2DIR` represents:

    – /usr/lpp/db2_07_01 on AIX
    – /opt/IBMdb2/V7.1 on HP-UX, PTX, Solaris, and Silicon Graphics IRIX
    – /usr/IBMdb2/V7.1 on Linux.

- On other platforms, see the RELEASE.TXT file. This file is located in the directory where the product is installed. On OS/2 platforms, you can also double-click the **IBM DB2** folder and then double-click the **Release Notes** icon.

Printing the PDF Books

If you prefer to have printed copies of the books, you can print the PDF files found on the DB2 publications CD-ROM. Using the Adobe Acrobat Reader, you can print either the entire book or a specific range of pages. For the file name of each book in the library, see Table 1 on page 476.

You can obtain the latest version of the Adobe Acrobat Reader from the Adobe Web site at http://www.adobe.com.

The PDF files are included on the DB2 publications CD-ROM with a file extension of PDF. To access the PDF files:

1. Insert the DB2 publications CD-ROM. On UNIX-based platforms, mount the DB2 publications CD-ROM. Refer to your *Quick Beginnings* book for the mounting procedures.
2. Start the Acrobat Reader.
3. Open the desired PDF file from one of the following locations:
   - On OS/2 and Windows platforms:

     x:\doc*language* directory, where *x* represents the CD-ROM drive and *language* represent the two-character country code that represents your language (for example, EN for English).
   - On UNIX-based platforms:

     /cdrom/doc/*%L* directory on the CD-ROM, where */cdrom* represents the mount point of the CD-ROM and *%L* represents the name of the desired locale.

You can also copy the PDF files from the CD-ROM to a local or network drive and read them from there.

Ordering the Printed Books

You can order the printed DB2 books either individually or as a set (in North America only) by using a sold bill of forms (SBOF) number. To order books, contact your IBM authorized dealer or marketing representative, or phone 1-800-879-2755 in the United States or 1-800-IBM-4YOU in Canada. You can also order the books from the Publications Web page at http://www.elink.ibmlink.ibm.com/pbl/pbl.

Two sets of books are available. SBOF-8935 provides reference and usage information for the DB2 Warehouse Manager. SBOF-8931 provides reference and usage information for all other DB2 Universal Database products and features. The contents of each SBOF are listed in the following table:

Table 2. Ordering the printed books

SBOF Number	Books Included	
SBOF-8931	• Administration Guide: Planning • Administration Guide: Implementation • Administration Guide: Performance • Administrative API Reference • Application Building Guide • Application Development Guide • CLI Guide and Reference • Command Reference • Data Movement Utilities Guide and Reference • Data Warehouse Center Administration Guide • Data Warehouse Center Application Integration Guide • DB2 Connect User's Guide • Installation and Configuration Supplement • Image, Audio, and Video Extenders Administration and Programming • Message Reference, Volumes 1 and 2	• OLAP Integration Server Administration Guide • OLAP Integration Server Metaoutline User's Guide • OLAP Integration Server Model User's Guide • OLAP Integration Server User's Guide • OLAP Setup and User's Guide • OLAP Spreadsheet Add-in User's Guide for Excel • OLAP Spreadsheet Add-in User's Guide for Lotus 1-2-3 • Replication Guide and Reference • Spatial Extender Administration and Programming Guide • SQL Getting Started • SQL Reference, Volumes 1 and 2 • System Monitor Guide and Reference • Text Extender Administration and Programming • Troubleshooting Guide • What's New
SBOF-8935	• Information Catalog Manager Administration Guide • Information Catalog Manager User's Guide • Information Catalog Manager Programming Guide and Reference	• Query Patroller Administration Guide • Query Patroller User's Guide

DB2 Online Documentation

Accessing Online Help

Online help is available with all DB2 components. The following table describes the various types of help.

Type of Help	Contents	How to Access...
Command Help	Explains the syntax of commands in the command line processor.	From the command line processor in interactive mode, enter: `? command` where *command* represents a keyword or the entire command. For example, `?` `catalog` displays help for all the CATALOG commands, while `?` `catalog database` displays help for the CATALOG DATABASE command.
Client Configuration Assistant Help *Command Center Help* *Control Center Help* *Data Warehouse Center Help* *Event Analyzer Help* *Information Catalog Manager Help* *Satellite Administration Center Help* *Script Center Help*	Explains the tasks you can perform in a window or notebook. The help includes overview and prerequisite information you need to know, and it describes how to use the window or notebook controls.	From a window or notebook, click the **Help** push button or press the **F1** key.
Message Help	Describes the cause of a message and any action you should take.	From the command line processor in interactive mode, enter: `? XXXnnnnn` where *XXXnnnnn* represents a valid message identifier. For example, `?` `SQL30081` displays help about the SQL30081 message. To view message help one screen at a time, enter: `? XXXnnnnn	more`  To save message help in a file, enter:      `? XXXnnnnn > filename.ext` where *filename.ext* represents the file where you want to save the message help.

Type of Help	Contents	How to Access...
SQL Help	Explains the syntax of SQL statements.	From the command line processor in interactive mode, enter: help *statement* where *statement* represents an SQL statement. For example, help SELECT displays help about the SELECT statement. **Note:** SQL help is not available on UNIX-based platforms.
SQLSTATE Help	Explains SQL states and class codes.	From the command line processor in interactive mode, enter: ? *sqlstate* or ? *class code* where *sqlstate* represents a valid five-digit SQL state and *class code* represents the first two digits of the SQL state. For example, ? 08003 displays help for the 08003 SQL state, while ? 08 displays help for the 08 class code.

Viewing Information Online

The books included with this product are in Hypertext Markup Language (HTML) softcopy format. Softcopy format enables you to search or browse the information and provides hypertext links to related information. It also makes it easier to share the library across your site.

You can view the online books or sample programs with any browser that conforms to HTML Version 3.2 specifications.

To view online books or sample programs:
- If you are running DB2 administration tools, use the Information Center.
- From a browser, click **File —>Open Page**. The page you open contains descriptions of and links to DB2 information:
  - On UNIX-based platforms, open the following page:
      INSTHOME/sqllib/doc/%L/html/index.htm

    where *%L* represents the locale name.
  - On other platforms, open the following page:
      sqllib\doc\html\index.htm

    The path is located on the drive where DB2 is installed.

If you have not installed the Information Center, you can open the page by double-clicking the **DB2 Information** icon. Depending on the system you are using, the icon is in the main product folder or the Windows Start menu.

Installing the Netscape Browser

If you do not already have a Web browser installed, you can install Netscape from the Netscape CD-ROM found in the product boxes. For detailed instructions on how to install it, perform the following:

1. Insert the Netscape CD-ROM.

2. On UNIX-based platforms only, mount the CD-ROM. Refer to your *Quick Beginnings* book for the mounting procedures.

3. For installation instructions, refer to the CDNAV*nn*.txt file, where *nn* represents your two character language identifier. The file is located at the root directory of the CD-ROM.

Accessing Information with the Information Center

The Information Center provides quick access to DB2 product information. The Information Center is available on all platforms on which the DB2 administration tools are available.

You can open the Information Center by double-clicking the Information Center icon. Depending on the system you are using, the icon is in the Information folder in the main product folder or the Windows **Start** menu.

You can also access the Information Center by using the toolbar and the **Help** menu on the DB2 Windows platform.

The Information Center provides six types of information. Click the appropriate tab to look at the topics provided for that type.

Tasks	Key tasks you can perform using DB2.
Reference	DB2 reference information, such as keywords, commands, and APIs.
Books	DB2 books.
Troubleshooting	Categories of error messages and their recovery actions.
Sample Programs	Sample programs that come with the DB2 Application Development Client. If you did not install the DB2 Application Development Client, this tab is not displayed.
Web	DB2 information on the World Wide Web. To access this information, you must have a connection to the Web from your system.

When you select an item in one of the lists, the Information Center launches a viewer to display the information. The viewer might be the system help viewer, an editor, or a Web browser, depending on the kind of information you select.

The Information Center provides a find feature, so you can look for a specific topic without browsing the lists.

For a full text search, follow the hypertext link in the Information Center to the **Search DB2 Online Information** search form.

The HTML search server is usually started automatically. If a search in the HTML information does not work, you may have to start the search server using one of the following methods:

On Windows
> Click **Start** and select **Programs —> IBM DB2 —> Information —> Start HTML Search Server**.

On OS/2
> Double-click the **DB2 for OS/2** folder, and then double-click the **Start HTML Search Server** icon.

Refer to the release notes if you experience any other problems when searching the HTML information.

Note: The Search function is not available in the Linux, PTX, and Silicon Graphics IRIX environments.

Using DB2 Wizards

Wizards help you complete specific administration tasks by taking you through each task one step at a time. Wizards are available through the Control Center and the Client Configuration Assistant. The following table lists the wizards and describes their purpose.

Note: The Create Database, Create Index, Configure Multisite Update, and Performance Configuration wizards are available for the partitioned database environment.

Wizard	Helps You to...	How to Access...
Add Database	Catalog a database on a client workstation.	From the Client Configuration Assistant, click **Add**.
Back up Database	Determine, create, and schedule a backup plan.	From the Control Center, right-click the database you want to back up and select **Backup —> Database Using Wizard**.

Wizard	Helps You to...	How to Access...
Configure Multisite Update	Configure a multisite update, a distributed transaction, or a two-phase commit.	From the Control Center, right-click the **Databases** folder and select **Multisite Update**.
Create Database	Create a database, and perform some basic configuration tasks.	From the Control Center, right-click the **Databases** folder and select **Create —> Database Using Wizard**.
Create Table	Select basic data types, and create a primary key for the table.	From the Control Center, right-click the **Tables** icon and select **Create —> Table Using Wizard**.
Create Table Space	Create a new table space.	From the Control Center, right-click the **Table Spaces** icon and select **Create —> Table Space Using Wizard**.
Create Index	Advise which indexes to create and drop for all your queries.	From the Control Center, right-click the **Index** icon and select **Create —> Index Using Wizard**.
Performance Configuration	Tune the performance of a database by updating configuration parameters to match your business requirements.	From the Control Center, right-click the database you want to tune and select **Configure Performance Using Wizard**. For the partitioned database environment, from the Database Partitions view, right-click the first database partition you want to tune and select **Configure Performance Using Wizard**.
Restore Database	Recover a database after a failure. It helps you understand which backup to use, and which logs to replay.	From the Control Center, right-click the database you want to restore and select **Restore —> Database Using Wizard**.

Setting Up a Document Server

By default, the DB2 information is installed on your local system. This means that each person who needs access to the DB2 information must install the same files. To have the DB2 information stored in a single location, perform the following steps:

1. Copy all files and subdirectories from \sqllib\doc\html on your local system to a Web server. Each book has its own subdirectory that contains all the necessary HTML and GIF files that make up the book. Ensure that the directory structure remains the same.

2. Configure the Web server to look for the files in the new location. For information, refer to the NetQuestion Appendix in the *Installation and Configuration Supplement*.

3. If you are using the Java version of the Information Center, you can specify a base URL for all HTML files. You should use the URL for the list of books.

4. When you are able to view the book files, you can bookmark commonly viewed topics. You will probably want to bookmark the following pages:
   - List of books
   - Tables of contents of frequently used books
   - Frequently referenced articles, such as the ALTER TABLE topic
   - The Search form

For information about how you can serve the DB2 Universal Database online documentation files from a central machine, refer to the NetQuestion Appendix in the *Installation and Configuration Supplement*.

Searching Information Online

To find information in the HTML files, use one of the following methods:
- Click **Search** in the top frame. Use the search form to find a specific topic. This function is not available in the Linux, PTX, or Silicon Graphics IRIX environments.
- Click **Index** in the top frame. Use the index to find a specific topic in the book.
- Display the table of contents or index of the help or the HTML book, and then use the find function of the Web browser to find a specific topic in the book.
- Use the bookmark function of the Web browser to quickly return to a specific topic.
- Use the search function of the Information Center to find specific topics. See "Accessing Information with the Information Center" on page 489 for details.

Appendix C. Notices

IBM may not offer the products, services, or features discussed in this document in all countries. Consult your local IBM representative for information on the products and services currently available in your area. Any reference to an IBM product, program, or service is not intended to state or imply that only that IBM product, program, or service may be used. Any functionally equivalent product, program, or service that does not infringe any IBM intellectual property right may be used instead. However, it is the user's responsibility to evaluate and verify the operation of any non-IBM product, program, or service.

IBM may have patents or pending patent applications covering subject matter described in this document. The furnishing of this document does not give you any license to these patents. You can send license inquiries, in writing, to:

IBM Director of Licensing
IBM Corporation
North Castle Drive
Armonk, NY 10504-1785
U.S.A.

For license inquiries regarding double-byte (DBCS) information, contact the IBM Intellectual Property Department in your country or send inquiries, in writing, to:

IBM World Trade Asia Corporation
Licensing
2-31 Roppongi 3-chome, Minato-ku
Tokyo 106, Japan

The following paragraph does not apply to the United Kingdom or any other country where such provisions are inconsistent with local law: INTERNATIONAL BUSINESS MACHINES CORPORATION PROVIDES THIS PUBLICATION "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Some states do not allow disclaimer of express or implied warranties in certain transactions, therefore, this statement may not apply to you.

This information could include technical inaccuracies or typographical errors. Changes are periodically made to the information herein; these changes will be incorporated in new editions of the publication. IBM may make

improvements and/or changes in the product(s) and/or the program(s) described in this publication at any time without notice.

Any references in this information to non-IBM Web sites are provided for convenience only and do not in any manner serve as an endorsement of those Web sites. The materials at those Web sites are not part of the materials for this IBM product and use of those Web sites is at your own risk.

IBM may use or distribute any of the information you supply in any way it believes appropriate without incurring any obligation to you.

Licensees of this program who wish to have information about it for the purpose of enabling: (i) the exchange of information between independently created programs and other programs (including this one) and (ii) the mutual use of the information which has been exchanged, should contact:

IBM Canada Limited
Office of the Lab Director
1150 Eglinton Ave. East
North York, Ontario
M3C 1H7
CANADA

Such information may be available, subject to appropriate terms and conditions, including in some cases, payment of a fee.

The licensed program described in this information and all licensed material available for it are provided by IBM under terms of the IBM Customer Agreement, IBM International Program License Agreement, or any equivalent agreement between us.

Any performance data contained herein was determined in a controlled environment. Therefore, the results obtained in other operating environments may vary significantly. Some measurements may have been made on development-level systems and there is no guarantee that these measurements will be the same on generally available systems. Furthermore, some measurements may have been estimated through extrapolation. Actual results may vary. Users of this document should verify the applicable data for their specific environment.

Information concerning non-IBM products was obtained from the suppliers of those products, their published announcements or other publicly available sources. IBM has not tested those products and cannot confirm the accuracy of performance, compatibility or any other claims related to non-IBM products. Questions on the capabilities of non-IBM products should be addressed to the suppliers of those products.

All statements regarding IBM's future direction or intent are subject to change or withdrawal without notice, and represent goals and objectives only.

This information may contain examples of data and reports used in daily business operations. To illustrate them as completely as possible, the examples include the names of individuals, companies, brands, and products. All of these names are fictitious and any similarity to the names and addresses used by an actual business enterprise is entirely coincidental.

COPYRIGHT LICENSE:

This information may contain sample application programs in source language, which illustrates programming techniques on various operating platforms. You may copy, modify, and distribute these sample programs in any form without payment to IBM, for the purposes of developing, using, marketing or distributing application programs conforming to the application programming interface for the operating platform for which the sample programs are written. These examples have not been thoroughly tested under all conditions. IBM, therefore, cannot guarantee or imply reliability, serviceability, or function of these programs.

Each copy or any portion of these sample programs or any derivative work must include a copyright notice as follows:

© (your company name) (year). Portions of this code are derived from IBM Corp. Sample Programs. © Copyright IBM Corp. _enter the year or years_. All rights reserved.

Trademarks

The following terms, which may be denoted by an asterisk(*), are trademarks of International Business Machines Corporation in the United States, other countries, or both.

ACF/VTAM	IBM
AISPO	IMS
AIX	IMS/ESA
AIX/6000	LAN DistanceMVS
AIXwindows	MVS/ESA
AnyNet	MVS/XA
APPN	Net.Data
AS/400	OS/2
BookManager	OS/390
CICS	OS/400
C Set++	PowerPC
C/370	QBIC
DATABASE 2	QMF
DataHub	RACF
DataJoiner	RISC System/6000
DataPropagator	RS/6000
DataRefresher	S/370
DB2	SP
DB2 Connect	SQL/DS
DB2 Extenders	SQL/400
DB2 OLAP Server	System/370
DB2 Universal Database	System/390
Distributed Relational	SystemView
Database Architecture	VisualAge
DRDA	VM/ESA
eNetwork	VSE/ESA
Extended Services	VTAM
FFST	WebExplorer
First Failure Support Technology	WIN-OS/2

The following terms are trademarks or registered trademarks of other companies:

Microsoft, Windows, and Windows NT are trademarks or registered trademarks of Microsoft Corporation.

Java or all Java-based trademarks and logos, and Solaris are trademarks of Sun Microsystems, Inc. in the United States, other countries, or both.

Tivoli and NetView are trademarks of Tivoli Systems Inc. in the United States, other countries, or both.

UNIX is a registered trademark in the United States, other countries or both and is licensed exclusively through X/Open Company Limited.

Other company, product, or service names, which may be denoted by a double asterisk(**) may be trademarks or service marks of others.

Index

Contacting IBM

If you have a technical problem, please review and carry out the actions suggested by the *Troubleshooting Guide* before contacting DB2 Customer Support. This guide suggests information that you can gather to help DB2 Customer Support to serve you better.

For information or to order any of the DB2 Universal Database products contact an IBM representative at a local branch office or contact any authorized IBM software remarketer.

If you live in the U.S.A., then you can call one of the following numbers:
- 1-800-237-5511 for customer support
- 1-888-426-4343 to learn about available service options

Product Information

If you live in the U.S.A., then you can call one of the following numbers:
- 1-800-IBM-CALL (1-800-426-2255) or 1-800-3IBM-OS2 (1-800-342-6672) to order products or get general information.
- 1-800-879-2755 to order publications.

http://www.ibm.com/software/data/
> The DB2 World Wide Web pages provide current DB2 information about news, product descriptions, education schedules, and more.

http://www.ibm.com/software/data/db2/library/
> The DB2 Product and Service Technical Library provides access to frequently asked questions, fixes, books, and up-to-date DB2 technical information.
>
> **Note:** This information may be in English only.

http://www.elink.ibmlink.ibm.com/pbl/pbl/
> The International Publications ordering Web site provides information on how to order books.

http://www.ibm.com/education/certify/
> The Professional Certification Program from the IBM Web site provides certification test information for a variety of IBM products, including DB2.

ftp.software.ibm.com
> Log on as anonymous. In the directory `/ps/products/db2`, you can find demos, fixes, information, and tools relating to DB2 and many other products.

comp.databases.ibm-db2, bit.listserv.db2-l
> These Internet newsgroups are available for users to discuss their experiences with DB2 products.

On Compuserve: GO IBMDB2
> Enter this command to access the IBM DB2 Family forums. All DB2 products are supported through these forums.

For information on how to contact IBM outside of the United States, refer to Appendix A of the *IBM Software Support Handbook*. To access this document, go to the following Web page: http://www.ibm.com/support/, and then select the IBM Software Support Handbook link near the bottom of the page.

Note: In some countries, IBM-authorized dealers should contact their dealer support structure instead of the IBM Support Center.

IBM ®