

IBM<sup>®</sup> Net.Data<sup>®</sup>



# Messages and Codes

*Version 7*



IBM<sup>®</sup> Net.Data<sup>®</sup>



# Messages and Codes

*Version 7*

**Note**

Be sure to read the information in “Notices” on page 53 before using this information and the product it supports.

**June 2001 Edition**

This edition applies to IBM Net.Data for OS/2, Windows NT, and UNIX, a feature of Version 7.2 of DB2 Universal Database and for OS/390, a feature of Version 7 of DB2 Universal Database Server for OS/390 (DB2 UDB for OS/390) and to all subsequent releases and modifications until otherwise indicated in new editions.

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## Preface

Thank you for selecting Net.Data<sup>®</sup>, the IBM<sup>®</sup> development tool for creating dynamic Web pages! With Net.Data, you can rapidly develop Web pages with dynamic content by incorporating data from a variety of data sources and by using the power of programming languages you already know.

---

### About This Book

This book describes the following messages and codes returned by Net.Data:

- Error and information messages returned from Net.Data
- Return codes from function calls
- Trace messages logged for debugging

This book may refer to products or features that are announced, but not yet available.

More information including sample Net.Data macros, demos, and the latest copy of this book, is available from the following World Wide Web site:

<http://www.ibm.com/software/data/net.data/>

### Who Should Read This Book

This book is intended for people involved in planning and writing Net.Data applications. To understand the concepts discussed in this book, you should be familiar with how a Web server works, understand simple SQL statements, and know HTML tags, including HTML form tags.

The Net.Data macro language, variables, and built-in functions, as well as operating system differences are described in *Net.Data Reference*.

### About Examples in This Book

Examples used in this book are kept simple to illustrate specific concepts and do not show every way Net.Data constructs can be used. Some examples are fragments that require additional code to work.

---

### 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.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.



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## Chapter 1. Error Messages

This section describes messages returned from Net.Data when there is an error.

A message and its help information are provided as follows:

---

### **DTWAnnnB** The actual text of the message

**Explanation:** A further explanation of the message numbered DTWAnnnB, where AnnnB is the number of the message, and B is an indicator of the severity of the message as described below.

**User Response:** An action you can take to correct the error.

---

Each message has a message number by which you can locate the message and additional information about why the error occurred and what you can do to resolve the error. At the end of the number, there is a letter that can be one of the following:

- E** An error message. This message indicates an error or problem that will eventually require some action on your part before your macro can successfully execute. You might be required to debug your macro, reconfigure Net.Data initialization file, call your system administrator, or call your IBM representative.
- I** An information message. This message is for your information and might not require any action on your part.

The message text accompanies the number and briefly describes the error or warning condition. This text might include file, variable, or language environment names, as well as return codes, reason codes, or SQL codes. These names and codes are not included in this document, but are substituted within the message.

An explanation and user response are provided with the message text. This information helps you to determine how to debug the problem or if you need to call an administrator.

---

**DTWA000I** Net.Data detected an internal error <error\_type>.

**Explanation:** Net.Data has detected the specified internal error.

**User Response:** Correct the specified error and try again. Contact your Net.Data administrator for assistance.

---

**DTWA001E** Net.Data detected an invalid or missing value for the variable *<variable\_name>*.

**Explanation:** Net.Data has detected an invalid or missing value for the specified variable.

**User Response:** Specify a valid value for the specified variable and try again. See the *Net.Data Reference* for more information about valid variable values.

---

**DTWA002E** Net.Data is unable to locate the function *<function\_name>*.

**Explanation:** Net.Data was unable to locate the specified function.

**User Response:** The specified function does not exist in the macro file. Specify a valid function and try again.

---

**DTWA003E** Net.Data detected a null value in parameter *<parameter\_name>*.

**Explanation:** Net.Data has detected a null value in the specified parameter.

**User Response:** Ensure that the specified parameter contains a non-null value and try again.

---

**DTWA004E** Net.Data detected an invalid number of parameters *<parameter\_names>*.

**Explanation:** Net.Data has detected an invalid number of parameters specified.

**User Response:** Ensure that the correct number of parameters are specified and try again.

---

**DTWA005I** Net.Data is unable to process the file *<file\_name>*.

**Explanation:** Net.Data was unable to process the specified file because the file does not exist or Net.Data was not able to open it.

**User Response:** Ensure the specified file exists and that Net.Data has the proper authority and try again.

---

**DTWA006I** The Net.Data evaluation license has expired.

**Explanation:** A valid license is needed to use Net.Data.

**User Response:** Purchase and install a valid Net.Data license and try again.

---

**DTWA007E** The syntax of the QUERY\_STRING variable for the URL is invalid.

**Explanation:** The syntax of the QUERY\_STRING variable for the URL is invalid.

**User Response:** Correct the QUERY\_STRING variable and try again.

---

**DTWA008E** The content type of the input data in the HTML POST method is not correct.

**Explanation:** The content type of the input data in the HTML POST method should be "application/x-www-form-urlencoded", but is not.

**User Response:** Please check your browser MIME types to correct the content type and try again.

---

**DTWA009I** Net.Data is unable to allocate memory from the operating system.

**Explanation:** The system is out of memory so that Net.Data is unable to allocate the space needed.

**User Response:** Check your operating system status, specifically the virtual memory. If the virtual memory is too low, increase the available memory space.

---

**DTWA010I** The CGI variable *<variable\_name>* has an invalid value of *<variable\_string>*.

**Explanation:** The specified CGI variable has an invalid value.

**User Response:** Check that the web server is

specifying a correct value for the specified CGI variable and try again.

---

**DTWA014E Net.Data detected an invalid number of parameters at line number <number>.**

**Explanation:** Net.Data has detected an invalid number of parameters were specified.

**User Response:** Ensure that the correct number of parameters are specified and try again.

---

**DTWA016I LicDemo: Error creating license control file.**

**Explanation:** Net.Data could not establish a try-and-buy license for the evaluation period.

**User Response:** This may be an internal Net.Data Error. Make sure you have at least 2KB free space on the hard drive where Net.Data is installed. If so, then contact IBM technical support.

---

**DTWA017I This site is using a temporary license for Net.Data. There are <days\_remaining\_value> days remaining in the evaluation period, starting from <date>.**

**Explanation:** Your trial period for Net.Data has begun. You will be able to use Net.Data for a certain number of days after which, you must enroll a production license for Net.Data or it will stop functioning.

**User Response:** A production license can be obtained from IBM or the supplier where you got this evaluation copy of Net.Data. To perform this operation please refer to the documentation in the *Installing Net.Data Licenses* section.

---

**DTWA018I This site is using a temporary license for Net.Data. There are <days\_remaining\_value> days remaining in the evaluation period.**

**Explanation:** This message will appear on the first day of your trial period and infrequently on

certain days during your trial period. You will be able to use Net.Data for the specified number of days after which, you must enroll a production license for Net.Data or it will stop functioning.

**User Response:** A production license can be obtained from IBM or the supplier where you got this evaluation copy of Net.Data. To perform this operation please refer to the documentation in the *Installing Net.Data Licenses* section.

---

**DTWA019I The trial period for Net.Data has expired. You must enroll Net.Data with a production license for it to run.**

**Explanation:** This message will appear when the trial period for Net.Data has expired.

**User Response:** A production license can be obtained from IBM or the supplier where you got this evaluation copy of Net.Data. To perform this operation please refer to the documentation in the *Installing Net.Data Licenses* section.

---

**DTWA020I No valid Net.Data license control file found. Net.Data will end.**

**Explanation:** This message will appear when Net.Data is unable to locate and verify the Net.Data license control file.

**User Response:** A production license can be obtained from IBM or the supplier where you got this evaluation copy of Net.Data. To perform this operation please refer to the documentation in the *Installing Net.Data Licenses* section.

---

**DTWA021I Net.Data is unable to open a codepage converter from <codepage1\_name> to <codepage2\_name>. Net.Data is switching to default processing.**

**Explanation:** An invalid codepage was specified for one or more of the variables DefaultNetCp, DefaultFsCp, or DefaultDBCp. The default processing is as follows:

- Between DefaultFsCp and DefaultNetCp:
  - DefaultFsCp = IBM-1047

- DefaultNetCp = ISO8859-1
- Between DefaultFsCp and DefaultDBCp:
  - no conversion takes place

**User Response:** Verify that the codepages specified in the Web server's configuration file for DefaultNetCp and DefaultFsCp, and the codepage specified in the Net.Data initialization file for DefaultDBCp are correct.

---

**DTWB000I** Net.Data is unable to load the COBOL module *<module\_name>* in function *<func\_name>*

**Explanation:** Net.Data could not load the COBOL load module for execution.

**User Response:** Ensure that the COBOL module is in a dataset specified in the LINKLIST or the Web server's STEPLIB DD statement.

---

**DTWB001I** Net.Data detected that the buffer size for the COBOL program is too small to fit all of the parameters for function *<func\_name>*

**Explanation:** Net.Data needs a memory buffer large enough to pass all of the parameters to the COBOL program.

**User Response:** Ensure that DTW\_COBOL\_PARAMETER\_BUFFER\_SIZE is defined in the macro or the initialization file to be a large enough buffer.

---

**DTWB002E** Net.Data is unable to obtain an integer for the number of rows or columns in the table parameter

**Explanation:** Net.Data could not determine the number of rows or columns of an OUT or INOUT table parameter.

**User Response:** Ensure that the COBOL module sets the row and column count to an integer for each OUT and INOUT table.

---

**DTWC000I** Live Connection Manager detected an error in its internal protocol. Live Connection Manager expected message *<expected\_message>* but received message *<received\_message>*.

**Explanation:** Live Connection Manager has detected an internal communication protocol error.

**User Response:** Report the problem to your system administrator.

---

**DTWC001I** The Live Connection internal function *<function\_name>* failed with code *<return\_code>*.

**Explanation:** Live Connection has detected an internal function failure.

**User Response:** Report the problem to your system administrator.

---

**DTWC002I** The Live Connection internal function *<function\_name>* failed with code *<return\_code\_value>*.

**Explanation:** Live Connection has detected an internal function failure.

**User Response:** Report the problem to your system administrator.

---

**DTWC003I** Live Connection unable to start all cliettes for cliette group *<cliette\_group\_name>*.

**Explanation:** Live Connection was unable to start all cliettes for the specified cliette group.

**User Response:** Report the problem to your system administrator.

---

**DTWC004I** Live Connection unable to locate a cliette to handle request for cliette group *<cliette\_group\_name>*.

**Explanation:** Live Connection was unable to find a cliette to handle request for the specified cliette group.

**User Response:** Check that the cliette group was properly configured in the Live Connection configuration file.

---

**DTWC005I Live Connection Manager could not read configuration file**  
**<file\_name>.**

**Explanation:** Live Connection Manager was unable to read the specified configuration file.

**User Response:** The specified configuration file could not be correctly read. Check that the file can be accessed and that the configuration statements inside the file are correct.

---

**DTWC006I The Live Connection cliette detected an error in its internal protocol. The cliette expected message <expected\_message> but received message <received\_message>.**

**Explanation:** The Live Connection cliette detected an internal communication protocol error.

**User Response:** Report the problem to your system administrator.

---

**DTWC007I The Live Connection internal function <function\_name> failed. The operating system returned the following error message: <system\_error>.**

**Explanation:** Live Connection has detected an internal function failure.

**User Response:** Report the problem to your system administrator.

---

**DTWF004E Net.Data detected a cyclic variable definition <var\_def\_name>.**

**Explanation:** Net.Data variable definitions cannot be self-referencing.

**User Response:** Check the specified variable definition in the defined section in your macro file and try again.

---

**DTWF005E Net.Data has detected an undefined table name**  
**<table\_name>.**

**Explanation:** A Net.Data table variable should be defined as x=Table(number).

**User Response:** Check your macro file to make sure your table variable is defined and try again.

---

**DTWF006I Net.Data has exceeded the maximum string length.**

**Explanation:** The maximum string length that Net.Data can handle is 320,000 characters.

**User Response:** Check your macro file for the length of variable name or function name, correct the length, and try again.

---

**DTWF007E Net.Data has detected an invalid form data entry.**

**Explanation:** An entry in the form data has no name and a variable name was expected. For example, the form data may look like &:=field.

**User Response:** Check the form data and provide a name in the illegal entry and try again.

---

**DTWF008E Net.Data detected a missing equal sign (=) in the form data.**

**Explanation:** Form data requires the format variable\_name=variable\_value.

**User Response:** Provide an equal sign (=) in the invalid form data and try again.

---

**DTWF010E Net.Data has encountered a missing database name in the form data.**

**Explanation:** The database language environment entry must have a database name.

**User Response:** Check the form data, provide a database name in the database language environment entry, and try again.

---

**DTWF011E** Net.Data has detected that a language environment was not specified.

**Explanation:** The language environment entry in the form data must have a language environment entry.

**User Response:** Check the form data, provide a language environment entry, and try again.

---

**DTWF012E** Net.Data has detected that a query was not specified.

**Explanation:** The form data contains a database language environment, but the query is missing.

**User Response:** Check the form data, provide a query, and try again.

---

**DTWF013E** Net.Data has detected that a function was not specified.

**Explanation:** The form data must have a function specification.

**User Response:** Check the form data and provide a function specification and try again.

---

**DTWF014E** Net.Data has detected that the form data does not define the variable <variable\_name>.

**Explanation:** The form data referenced a variable that is not defined.

**User Response:** Check the form data, define the corresponding variable, and try again.

---

**DTWF015I** The system command failed at line number <number> with return code <return\_code>

**Explanation:** After running the system command, Net.Data obtained the non-zero system error code. This usually implies the failure of the execution.

**User Response:** Check the syntax of the system command at the specified line. Try running the system command from the command line to verify there is an error.

---

**DTWF016I** Net.Data is unable to open the configuration file <file\_name>.

**Explanation:** Net.Data is unable to find or open the configuration file.

**User Response:** Make sure that the Net.Data configuration file is in the server's HTML root directory and ensure that the access permission for the file is read and write.

---

**DTWF017I** Net.Data is unable to read the configuration file <file\_name>.

**Explanation:** Net.Data is able to find the configuration file but unable to read it.

**User Response:** Ensure that the access permission for the file is read.

---

**DTWF018E** Net.Data detected an SQL statement that exceeds the maximum length.

**Explanation:** The maximum character length for an SQL statement is 32000 bytes.

**User Response:** Rewrite the SQL statement to make it shorter, such as breaking it down into shorter SQL statements and then combining the results, and try again.

---

**DTWF019I** Net.Data failed to connect to the language environment <lang\_envir\_name>.

**Explanation:** Net.Data has failed to connect to the specified language environment.

**User Response:** If Live Connection Manager is used, make sure that the Live Connection Manager is configured and running correctly. If a database language environment is used, check with your database administrator.

---

**DTWF021I** Net.Data replaced the value of the built-in variable <variable\_name>.

**Explanation:** Net.Data has overridden the user set value of the specified built-in variable.

**User Response:** Ensure that the built-in variable



is not overridden inadvertently, as built-in variables are usually designed for read-only, and try again.

---

**DTWF022E** Net.Data detected an invalid table name *<table\_name>*.

**Explanation:** The value of the variable DTW\_SAVE\_TABLE\_IN is an invalid table name.

**User Response:** Ensure that the variable DTW\_SAVE\_TABLE\_IN contains a valid table name and try again.

---

**DTWF023E** Net.Data is unable to execute the SQL statement *<SQL\_stmt>*.

**Explanation:** Net.Data was unable to execute the specified SQL statement.

**User Response:** Check the SQL statement, along with any database error messages, and try again.

---

**DTWF031I** Net.Data encountered a missing variable definition.

**Explanation:** Net.Data has attempted to delete a cycle variable from a temporary cycle table. However, this variable does not exist or has already been removed.

**User Response:** Report the problem to your system administrator.

---

**DTWF032I** Net.Data is unable to load DLL *<DLL\_name>*.

**Explanation:** Net.Data has encountered an internal failure due to a possible lack of memory. This is a Net.Data internal error.

**User Response:** Report the problem to your system administrator.

---

**DTWF033I** Net.Data is unable to find the execute process address for DLL *<DLL\_name>*.

**Explanation:** Net.Data has attempted to find address for the specified DLL to load. Either the memory is corrupted or the pointer contains an invalid address.

**User Response:** Report the problem to your system administrator.

---

**DTWF034I** Net.Data is unable to close database connection.

**Explanation:** The database might not exist or it has already been closed.

**User Response:** Report the problem to your system administrator.

---

**DTWF036I** The database ROLLBACK failed.

**Explanation:** Net.Data has encountered an internal failure. This is a Net.Data internal error. For example, the application tries to insert 10 rows in the database table and commit if success. For some reasons, it cannot fulfill to insert all and try rolling back to undo the job, and it cannot.

**User Response:** Report the problem to your system administrator.

---

**DTWF037E** Net.Data encountered an unexpected NULL command for execution.

**Explanation:** Net.Data has encountered an internal failure. This is a Net.Data internal error.

**User Response:** Report the problem to your system administrator.

---

**DTWF038I** Net.Data detected a NULL pointer in *<name>*.

**Explanation:** Net.Data has encountered an internal failure. The new operator might have returned a NULL value, or there might not be enough memory.

**User Response:** Report the problem to your system administrator.

---

**DTWF039I** Net.Data failed to fetch the next record from the database: *<error\_trace\_info>*.

**Explanation:** Net.Data has encountered an internal failure. This is a Net.Data internal error.

**User Response:** Report the problem to your system administrator.

---

**DTWF040I Net.Data failed to close the database cursor:** *<error\_trace\_info>*.

**Explanation:** Net.Data has encountered an internal failure. This is a Net.Data internal error.

**User Response:** Report the problem to your system administrator.

---

**DTWF041I Net.Data did not find the global alias table.**

**Explanation:** Net.Data has encountered an internal failure. This is a Net.Data internal error.

**User Response:** Report the problem to your system administrator.

---

**DTWF043I The Net.Data function, process\_output, did not find the RETURN\_CODE variable. A null string is used as the return code of the function.**

**Explanation:** Net.Data has encountered an internal failure. This is a Net.Data internal error.

**User Response:** Report the problem to your system administrator.

---

**DTWF045I Net.Data is unable to find the execute process address for DLL** *<DLL\_name>:<error\_info>*.

**Explanation:** Net.Data has attempted to find address for the specified DLL to load. Either memory is corrupted or the pointer contains an invalid address.

**User Response:** Report the problem to your system administrator.

---

**DTWF046E Net.Data detected an invalid language environment** *<lang\_envir\_name> at line number <number>*.

**Explanation:** Net.Data has detected an invalid language environment statement in the INI file.

**User Response:** See *Net.Data Language Environment Reference* for more information. Specify a valid language environment and try again.

---

**DTWF047E Net.Data failed to run a function in a language environment of type** *<lang\_envir\_name> at line number <number>*.

**Explanation:** Net.Data has encountered an internal failure. This is a Net.Data internal error.

**User Response:** Report the problem to your system administrator.

---

**DTWF048I Net.Data encountered a missing variable definition for variable** *<variable\_name>*.

**Explanation:** Net.Data has attempted to delete the specified cycle variable from a temporary cycle table. However, this variable does not exist or it has already been removed.

**User Response:** Report the problem to your system administrator.

---

**DTWF049E Net.Data detected an invalid input in a conditional statement.**

**Explanation:** Net.Data has determined that the input contained in a %IF or %ELSEIF conditional statement is incorrect.

**User Response:** See *Net.Data Reference* for syntax information. Correct the conditional statement and try again.

---

**DTWF050E Net.Data is unable to locate the HTML or XML block specification in the URL.**

**Explanation:** No HTML or XML block was specified in the URL.

**User Response:** Specify a valid HTML or XML block and try again.

---

**DTWF051E** Net.Data has detected an incorrect parameter passing specification in the stored procedure parameter list for the form data. The parameter passing specification *<parameter\_passing\_specification>* must be IN, OUT, or INOUT.

**Explanation:** Usage in stored procedure parameter list must be one of the key words IN, OUT, or INOUT.

**User Response:** Correct the usage specification.

---

**DTWF052E** Net.Data has encountered a missing type specification in the stored procedure parameter list in the form data

**Explanation:** Stored procedure parameter has to contain a specification of the data type.

**User Response:** Correct the stored procedure parameter, provide a data type.

---

**DTWF053E** Net.Data has encountered a missing parameter value in the stored procedure parameter list in the form data

**Explanation:** The value for a stored procedure input parameter is missing.

**User Response:** Correct the stored procedure parameter, provide the value.

---

**DTWF054E** Net.Data has encountered a missing quote at the end of a parameter value in the stored procedure parameter list in the form data

**Explanation:** The parameter value started but did not end with a quote.

**User Response:** Correct the parameter value, put a quote at its end.

---

---

**DTWF055E** Net.Data has detected an invalid parameter list in the form data.

**Explanation:** The parameter list for a function call is invalid.

**User Response:** Correct the parameter list.

---

**DTWF056E** Net.Data has detected that the SQL or FUNC entry in the form data is empty

**Explanation:** Entry FUNC or SQL must specify a function call or a SQL query.

**User Response:** Provide a function call or a SQL query for entry FUNC or SQL in the form data.

---

**DTWF057I** Net.Data failed to retrieve the next result set from the database: *<error\_trace\_info>*.

**Explanation:** Net.Data encountered an error while attempting to retrieve the next result set from the database.

**User Response:** Check the database error message. Also verify that the SQL statement returns the correct number of result sets.

---

**DTWF058I** Net.Data detected a table as a IN parameter in the parameter list of function *<function\_name>*.

**Explanation:** Net.Data tables cannot be passed into a Net.Data function if this function connects to a database language environment.

**User Response:** Change the function parameter list.

---

**DTWF059I** Net.Data is unable to execute this request because Direct Request is not available

**Explanation:** Direct Request has been disabled.

**User Response:** If the URL was not in error, set DTW\_DIRECT\_REQUEST to "yes" in the Net.Data initialization file

---

---

**DTWF060I**    **Unable to find function in shared library: <library>.**

**Explanation:** Net.Data unable to load the language environment shared library.

**User Response:** Please check the dependency that this library has on the system.

---

**DTWF061I**    **Net.Data is unable to create a file to save an uploaded file to the file system**

**Explanation:** Net.Data could not create a file in the directory specified by the configuration variable DTW\_UPLOAD\_DIR.

**User Response:** Ensure that the permissions of the directory allow for the creation of a file by the user uploading the file.

---

**DTWF062I**    **Net.Data is unable to write to a file to save an uploaded file to the file system**

**Explanation:** Net.Data could not write to a file in the directory specified by the configuration variable DTW\_UPLOAD\_DIR.

**User Response:** Ensure that the permissions of the directory allow for the creation of a file by the user uploading the file.

---

**DTWF063I**    **Net.Data is unable to save the uploaded files to the file system because DTW\_UPLOAD\_DIR is not set**

**Explanation:** Net.Data could not save the uploaded files because the configuration variable DTW\_UPLOAD\_DIR is not set to a valid directory.

**User Response:** Ensure that DTW\_UPLOAD\_DIR is set and it specifies an existing directory on the file system.

---

---

**DTWF064I**    **Net.Data is unable read the entire data stream for file uploads**

**Explanation:** Net.Data received a truncated input data stream and could not save the uploaded files.

**User Response:** Verify that the Web server can accept large file uploads.

---

**DTWF065I**    **Net.Data is unable write the entire uploaded file to the file system**

**Explanation:** Net.Data could not complete saving the uploaded file to the file system.

**User Response:** Verify that the directory specified by DTW\_UPLOAD\_DIR has enough space to store the uploaded files.

---

**DTWF066I**    **Net.Data detected that the input stream for file uploads is invalid**

**Explanation:** Net.Data received an input stream from the Web server that did not conform to file upload syntax.

**User Response:** Ensure that the application sending the file uploads is sending the stream correctly.

---

**DTWF067I**    **Net.Data encountered an error converting the text data between the file system codepage and the network codepage**

**Explanation:** Net.Data could not convert text files from the DefaultNetCp codepage setting to the DefaultFsCp codepage setting.

**User Response:** Ensure that the Web server configuration specifies the correct codepages for DefaultNetCp and DefaultNetCp.

---

**DTWF068I**    **An invalid value was specified for the DTW\_TRACE\_LOG\_LEVEL configuration variable**

**Explanation:** The DTW\_TRACE\_LOG\_LEVEL configuration variable was not specified correctly.

**User Response:** Ensure that DTW\_TRACE\_LOG\_LEVEL has a valid value in the Net.Data initialization file.

---

**DTWF069I    DTW\_TRACE\_LOG\_DIR is not specified in the Net.Data initialization file**

**Explanation:** Tracing is enabled, but no directory is specified for DTW\_TRACE\_LOG\_DIR.

**User Response:** Ensure that DTW\_TRACE\_LOG\_DIR is specified in the Net.Data initialization file.

---

**DTWF070I    Net.Data is unable to write to the trace log**

**Explanation:** Net.Data is unable to write to the trace log because it does not have permission to write to the directory specified in the DTW\_TRACE\_LOG\_DIR configuration variable.

**User Response:** Ensure that Net.Data has permission to traverse the directory structure implied by DTW\_TRACE\_LOG\_DIR as well as permission to write to this directory.

---

**DTWG001E    Net.Data is unable to locate the registry <name> in function <name>.**

**Explanation:** Net.Data was unable to locate the specified registry.

**User Response:** The specified registry does not exist or it is in use by another process. Specify a valid registry and try again.

---

**DTWG005I    Net.Data is unable to perform the requested registry operation <operation\_name> in function <function\_name>.**

**Explanation:** The registry operation failed because your user ID lacks the proper authorization to perform the requested registry operation.

**User Response:** Obtain the proper authorization and try again.

---

**DTWH000I    Net.Data detected an internal error in the cache manager interface.**

**Explanation:** Net.Data detected an internal error in the cache manager interface.

**User Response:** Report the problem to your system administrator.

---

**DTWH001E    Net.Data detected an invalid cache name <name>.**

**Explanation:** Net.Data was unable to locate the specified cache name.

**User Response:** Check the macro file and correct the cache name and try again.

---

**DTWH002E    Net.Data detected an insufficient number of parameters to the cache function.**

**Explanation:** Not enough parameters were used when calling the Net.Data cache function.

**User Response:** Check the macro file and correct the function call and try again.

---

**DTWH003E    Net.Data detected too many parameters supplied to the cache function.**

**Explanation:** Too many parameters were supplied when calling the Net.Data cache function.

**User Response:** Check the macro file and correct the function call and try again.

---

**DTWK000I    Net.Data was unable to create the Java Virtual Machine**

**Explanation:** Net.Data could not create the Java Virtual Machine to execute a Java function.

**User Response:** Check that JDK is installed and that Net.Data can find the JDK in its CLASSPATH. Try again. If the problem persists, report the problem to your system administrator.

---

**DTWK001I** Net.Data was not able to locate class *<class\_name>*

**Explanation:** When executing a function of the Java Application Language Environment, Net.Data could not find the specified class.

**User Response:** Check that the corresponding file for this class exists and that it is in a directory specified by the CLASSPATH environment variable.

---

**DTWK002I** Net.Data was not able to find method *<method\_name>* in class *<class\_name>*

**Explanation:** When executing a function of the Java Application Language Environment, Net.Data could not access the specified Java method in the specified class.

**User Response:** Report the problem to your system administrator.

---

**DTWK003E** Net.Data was unable to retrieve the *<attribute>* of the function *<function\_name>*

**Explanation:** Net.Data was unable to retrieve the signature, return type, or parameter types of the function from dtw\_getsignature.class.

**User Response:** Ensure that dtw\_getsignature.java was generated properly and try again.

---

**DTWK004E** Net.Data was unable to execute the function *<function\_name>* because *<Java\_type>* is not a Java type supported by Net.Data

**Explanation:** Net.Data was unable to execute the function because the specified Java type is not supported by Net.Data.

**User Response:** Ensure that the parameter types and return type of the Java function are types supported by Net.Data.

---

**DTWK005E** Net.Data did not receive the return value of function *<function\_name>*

**Explanation:** Net.Data expected a value to be returned from the Java function, but no value was returned.

**User Response:** Check the statements in the Java function for possible abnormal termination of execution and correct against this. Also, ensure that the function does not return a null value.

---

**DTWL000E** Net.Data detected an invalid value in the parameter *<parameter\_name>* in function *<function\_name>*.

**Explanation:** Net.Data has detected an invalid data type value in the specified parameter.

**User Response:** Ensure that the specified parameter contains a valid data type and try again.

---

**DTWL001E** Net.Data detected an invalid value in the variable *<name>* in function *<name>*.

**Explanation:** Net.Data has detected an invalid value in the specified variable.

**User Response:** Ensure that the specified variable contains a valid data type and try again.

---

**DTWL002E** Net.Data detected different parameter lists for the same functions at line number *<number>*.

**Explanation:** Net.Data has detected that the specified functions have different parameter lists. The specified functions are required to have identical parameter lists.

**User Response:** Correct the specified functions parameter lists and try again.

---

**DTWL003E** Net.Data detected that a data type parameter is missing on the %FUNCTION statement <name>.

**Explanation:** Net.Data could not find a required data type parameter in a macro used to call an SQL stored procedure.

**User Response:** Check the %FUNCTION(DTW\_SQL) statements in your macro file. Ensure that each variable to be passed to an SQL stored procedure has a data type defined for it.

---

**DTWL004E** Net.Data detected that the parameter value <parameter\_name> is outside of the table bounds in function <function\_name>.

**Explanation:** One of these conditions exists: A program attempted to modify a table's row or column value, but the row or column value received was less than 0 or greater than the maximum number of rows allowed in the table. Or, A row or column value was received as input to a built-in function, but the value received was less than 0 or greater than the current number of rows or columns in the table.

**User Response:** Ensure the specified value is not less than 0 or greater than the current number of rows in the table.

---

**DTWL005E** Net.Data is unable to return all requested data in the table variable <variable\_name> in function <variable\_name>.

**Explanation:** A table was specified as an output parameter, but the number of rows of data returned by the language environment was greater than the maximum number of rows allowed for the table. Data was written to the table until it was full, and the remainder of the data was discarded.

**User Response:** You can ignore the discarded data, or increase the table size and run the function again.

---

**DTWL006E** Net.Data attempted to read a row of data that exceeded the maximum supported number of bytes in function <function\_name>.

**Explanation:** A built-in function for the flat file interface could not read a row of data into a table variable because the number of bytes in the row exceeded the maximum supported number of bytes. The table is too large for Net.Data to handle.

**User Response:** Correct the error and try again.

---

**DTWL007E** Net.Data encountered a path specified in FFI\_PATH exceeded the maximum supported number of bytes in function <function\_name>.

**Explanation:** A built-in function for the flat file interface attempted to find a file, but encountered a path in the FFI\_PATH configuration file variable that was longer than the maximum supported number of bytes of 4095.

**User Response:** Shorten the FFI\_PATH statement to only those directories Net.Data needs for the current application.

---

**DTWL008E** Net.Data detected an arithmetic overflow or underflow in function block <block\_name>.

**Explanation:** The result of an arithmetic operation had an exponent that was outside the supported range of -999,999,999 to +999,999,999.

**User Response:** Ensure that your calculated values stay within the supported range.

---

**DTWL009E** Net.Data detected an empty EXEC statement in function block <block\_name>.

**Explanation:** The string specified in the EXEC statement of a function block contains only space characters.

**User Response:** Specify a string that is not all space characters and try again.



---

**DTWL010E** Net.Data detected a missing EXEC statement in a function block <block\_name>.

**Explanation:** A EXEC statement was not specified in the function block for the function being called.

**User Response:** Add the EXEC statement in the FUNCTION block and try again.

---

**DTWL011E** Net.Data detected an invalid language environment type or DLL <DLL\_name>.

**Explanation:** The Net.Data specified language environment type or DLL name in macro file must be defined in the Net.Data configuration file.

**User Response:** Check your macro file and Net.Data configuration file db2www.ini and try again.

---

**DTWL012I** Net.Data encountered an internal failure in the function <function\_name>, failure code <failure\_code\_value>.

**Explanation:** Net.Data has encountered an internal failure in the specified function. This is a Net.Data internal error.

**User Response:** Report the problem to your system administrator.

---

**DTWL013I** Net.Data is unable to allocate memory for the function <function\_name>.

**Explanation:** The server could not process a request for storage from Net.Data.

**User Response:** This might be a temporary condition in your server. If this problem persists, you may need to purchase more memory.

---

**DTWL015E** Net.Data detected an invalid table parameter <parameter\_name> in function <function\_name>.

**Explanation:** Net.Data has detected that the specified parameter is not valid for a table.

**User Response:** See *Net.Data Reference* for more information about table parameter values. Ensure that the correct parameter type is specified and try again.

---

**DTWL016E** Net.Data detected an invalid string parameter <parameter\_name> in function <function\_name>.

**Explanation:** Net.Data has detected that the specified parameter is not a valid string.

**User Response:** Ensure that the correct string parameter is specified and try again.

---

**DTWL017E** Net.Data detected an invalid output parameter <parameter\_name> in function <function\_name>.

**Explanation:** Net.Data has detected that the specified parameter is not a valid output parameter.

**User Response:** Ensure that the correct output parameter is specified and try again.

---

**DTWL018E** Net.Data detected a null value in parameter <parameter\_name> in function <function\_name>.

**Explanation:** Net.Data has detected a null value in the specified parameter.

**User Response:** Ensure that the specified parameter contains a non-null value and try again.

---

**DTWL019E** Net.Data detected an invalid output parameter at line number <number>.

**Explanation:** Net.Data has detected that the specified parameter is not a valid output parameter.



**User Response:** Ensure that the correct output parameter is specified and try again.

---

**DTWL021I**    **Net.Data encountered an internal error in function** *<function\_name>*: *<additional\_information>*.

**Explanation:** A call to a system function failed. This is an internal error reported to Net.Data that may require user interaction or it may be a temporary system error that is not appropriate for Net.Data to handle.

**User Response:** Check your configuration and try again. If this problem persists, report the problem to your system administrator.

---

**DTWL022E**    **Net.Data is unable to process the function** *<function\_name>* **in file** *<file\_name>*.

**Explanation:** Net.Data was unable to process the specified file because the file does not exist or Net.Data was not able to open, possibly due to incorrect read permissions.

**User Response:** Ensure the specified file exists and that Net.Data has the proper authority and try again.

---

**DTWL023E**    **Net.Data detected an invalid number of parameters in function** *<function\_name>*.

**Explanation:** Net.Data has detected an invalid number of parameters specified.

**User Response:** Ensure that the correct number of parameters are specified and try again.

---

**DTWL024E**    **Net.Data is unable to return all requested data in function** *<function\_name>*.

**Explanation:** A table was specified as an output parameter, but the number of rows of data returned by the language environment was greater than the maximum number of rows allowed for the table. Data was written to the table until it was full, and the remainder of the data was discarded.

**User Response:** You can ignore the discarded data, or increase the table size and run the function again.

---

**DTWL025E**    **Net.Data detected an invalid value in function** *<function\_name>*.

**Explanation:** Net.Data has detected an invalid value in the specified function.

**User Response:** Ensure that the specified variable contains a valid data type and try again.

---

**DTWL026E**    **Net.Data detected a null value in function** *<function\_name>*.

**Explanation:** Net.Data has detected a null value in the specified function.

**User Response:** Ensure that the specified parameter contains a non-null value and try again.

---

**DTWL027E**    **Net.Data detected an invalid string parameter in function** *<function\_name>*.

**Explanation:** Net.Data has detected that the specified parameter is not a valid string.

**User Response:** Ensure that the correct string parameter is specified and try again.

---

**DTWL028E**    **Net.Data detected an invalid table parameter in function** *<function\_name>*.

**Explanation:** Net.Data has detected that the specified parameter is not a valid table.

**User Response:** Ensure that the correct table parameter is specified and try again.

---

**DTWL029E**    **Net.Data detected an invalid output parameter in function** *<function\_name>*.

**Explanation:** Net.Data has detected that parameter is not a valid output parameter.

**User Response:** Ensure that the correct output parameter is specified and try again.

---

**DTWL031E The specified SMTP server**  
**<SMTP\_server> cannot be reached.**

**Explanation:** Net.Data is unable to connect to the specified SMTP server.

**User Response:** Make sure that you have specified the correct hostname or IP number. An SMTP server must be running on port 25 on the specified host.

---

**DTWL032I While communicating with the specified SMTP server, the SMTP server returned the following error message:**  
**<SMTP\_error\_message>.**

**Explanation:** An SMTP error occurred while Net.Data tried to relay the e-mail message to the specified SMTP server.

**User Response:** Make sure that you call DTW\_SENMAIL with valid parameters.

---

**DTWL033I The connection to the specified SMTP server has been lost.**

**Explanation:** The TCP/IP connection to the specified SMTP server was lost while Net.Data tried to relay the e-mail message to the SMTP server.

**User Response:** Make sure that the specified SMTP server is up and running and try again.

---

**DTWL034E The specified SMTP server does not support the Extended Simple Mail Transfer Protocol (ESMTP), but the specified e-mail message contains non-U.S. ASCII characters.**

**Explanation:** Net.Data cannot relay e-mail messages that contain 8-bit characters to an SMTP server that supports 7-bit characters only.

**User Response:** Either specify an SMTP server that supports ESMTP (8BITMIME) or do not use non-U.S. ASCII characters in your e-mail messages.

---

**DTWL035I The Net.Data function DTW\_GETCOOKIE attempted to retrieve a nonexistent cookie:**  
**<cookie name>.**

**Explanation:** The cookie cannot be found for one of the following reasons:

- The cookie has never been set.
- The cookie has expired.
- The cookie does not have an expiration date and is not persistent; the Web browser that received the cookie exited or was killed.
- The cookie was set with a secure option, and the current HTTP request was sent over an insecure channel.
- The Web browser did not accept cookies or it did not execute JavaScript programs at the time when the set cookie request was submitted.
- The cookie has been deleted by the Web browser; the number of cookies exceeds the limitations of the browser. The limitations are described in Netscape's specification at:  
<http://home.netscape.com#46>;

**User Response:** Use a MESSAGE block to handle the cookie-not-found condition (RETURN\_CODE 8000), or make sure that the cookie name is correctly specified.

---

**DTWL036E Sendmail is unable to open the DTW\_SENMAIL attachment**  
**<file\_name>.**

**Explanation:** Net.Data was unable to open the specified attachment because it does not exist or Net.Data doesn't have authorization to open it.

**User Response:** Specify a valid attachment path and filename, ensure that Net.Data has the proper authorization, and try again.

---

**DTWL037I Net.Data attempted to read file**  
**<filename>, which is too large to hold in a Net.Data variable.**

**Explanation:** DTWF\_READFILE attempted to read a file that is too large to hold in a Net.Data

variable. See the Net.Data Reference for variable length limitations.

**User Response:** Ensure that the files are within the limits of a Net.Data variable; perhaps you can split the file into smaller pieces before reading it.

---

**DTWL040I Net.Data cannot read from file**  
**<file\_name>**

**Explanation:** Net.Data cannot read the file specified in the file parameter of DTWF\_READFILE.

**User Response:** Please ensure that the file exists and that it is spelled correctly in the function. Also, ensure that FFI\_PATH specifies the correct path.

---

**DTWL041I Net.Data is unable to complete**  
**the file upload request: <request>**

**Explanation:** The file upload from the browser to the server could not be completed by Net.Data.

**User Response:** In the Net.Data initialization file, check that the DTW\_UPLOAD\_DIR configuration variable is set to the correct path.

---

**DTWL042I Net.Data cannot open the output**  
**file named <file\_name>**

**Explanation:** Net.Data could not open the specified file used for standard output from a Perl script, REXX program or System Language Environment Program.

**User Response:** Report the problem to your system administrator.

---

**DTWL043I Net.Data cannot remove the**  
**output file named <file\_name>**

**Explanation:** Net.Data could not remove the specified file used for standard output from a Perl script, REXX program or System Language Environment Program.

**User Response:** Report the problem to your system administrator.

---

**DTWL044I Net.Data cannot open the script**  
**file named <file\_name>**

**Explanation:** Net.Data could not open the specified script used to execute a Perl script, REXX program or System Language Environment Program.

**User Response:** Report the problem to your system administrator.

---

**DTWL045I Net.Data cannot remove the script**  
**file named <file\_name>**

**Explanation:** Net.Data could not remove the specified script used to execute a Perl script, REXX program or System Language Environment Program.

**User Response:** Report the problem to your system administrator.

---

**DTWL046I Net.Data cannot open the**  
**DTWPIPE file named <file\_name>**

**Explanation:** Net.Data could not open the specified file used returning parameters from a Perl script, REXX program or System Language Environment Program.

**User Response:** Report the problem to your system administrator.

---

**DTWL047I Net.Data cannot remove the**  
**DTWPIPE file named <file\_name>**

**Explanation:** Net.Data could not remove the specified file used returning parameters from a Perl script, REXX program or System Language Environment Program.

**User Response:** Report the problem to your system administrator.

---

**DTWP000E Net.Data detected a LIST**  
**definition error <file>.**

**Explanation:** Net.Data was unable to define the specified %LIST as it was previously declared.

**User Response:** Change the specified %LIST name to a unique name and try again.

---

**DTWP001E** Net.Data is unable to locate the macro file *<macro\_name>*.

**Explanation:** Net.Data was unable to locate the specified macro file because the specified macro file does not exist or Net.Data was not able to open it.

**User Response:** Specify a valid macro path and macro file name and try again.

---

**DTWP003E** Net.Data detected a duplicate HTML or XML block name *<block\_name>* *<file>*.

**Explanation:** Net.Data was unable to continue processing as a duplicate specified HTML or XML block exists.

**User Response:** Change the specified duplicate HTML or XML block name to a unique name and try again.

---

**DTWP005E** Net.Data detected an illegal symbol *<symbol\_name>* *<file>*.

**Explanation:** Net.Data was unable to continue processing because it detected the specified illegal symbol.

**User Response:** Remove the specified illegal symbol from the macro file and try again.

---

**DTWP006E** Net.Data detected an unexpected end of macro file *<macro\_name>*.

**Explanation:** Net.Data was unable to continue processing because it detected an unexpected end of file.

**User Response:** Ensure that all Net.Data blocks end with `%}`. Correct the specified error and try again.

---

**DTWP007I** Net.Data is unable to process the %INCLUDE\_URL address *<URL\_address>*.

**Explanation:** Net.Data was unable to include the %INCLUDE\_URL address specified URL because the URL was unreachable or invalid.

**User Response:** Ensure that the specified %INCLUDE\_URL exists and that the Web server is running. Correct the specified error and try again.

---

**DTWP009E** Net.Data detected a quoted string, *<string\_name>* that crosses multiple lines.

**Explanation:** A quoted string cannot exceed more than one line.

**User Response:** Ensure that the string both begins with and ends with quotes on the same line. Correct the specified error and try again.

---

**DTWP010I** Net.Data is unable to process the %INCLUDE statement for the file *<file\_name>*.

**Explanation:** Net.Data was unable to process the %INCLUDE statement because the specified file does not exist or Net.Data was not able to open it.

**User Response:** Ensure that the specified file exists and that Net.Data has read authority. Correct the specified error and try again.

---

**DTWP011I** Net.Data is unable to process the %INCLUDE or %INCLUDE\_URL statement for the file or URL *<file\_or\_URL\_name>* because it is nested too deeply.

**Explanation:** Net.Data was unable to process the %INCLUDE or %INCLUDE\_URL statement because the file or URL because it is nested too deeply. The maximum number of nested %INCLUDE statements or blocks is 10.

**User Response:** Ensure that the specified %INCLUDE file or %INCLUDE\_URL does not include other files to a nested depth of 10 or greater. Correct the specified error and try again.

---

**DTWP013I** Net.Data encountered an exception in D2Wtable\_ErrRange, <exception\_name>

**Explanation:** Net.Data has encountered an internal failure. This is a Net.Data internal error.

**User Response:** Report the problem to your system administrator.

---

**DTWP014I** Net.Data encountered an exception in D2Wtable\_ErrNoMemory, <exception\_name>.

**Explanation:** Net.Data has encountered an internal failure. This is a Net.Data internal error.

**User Response:** Report the problem to your system administrator.

---

**DTWP015I** Net.Data encountered an exception in D2Wtable\_ErrInvalid, <exception\_name>.

**Explanation:** Net.Data has encountered an internal failure. This is a Net.Data internal error.

**User Response:** Report the problem to your system administrator.

---

**DTWP016I** Net.Data encountered an exception in D2Wtable\_ErrTooBig, <exception\_name>

**Explanation:** Net.Data has encountered an internal failure. This is a Net.Data internal error.

**User Response:** Report the problem to your system administrator.

---

**DTWP018E** Net.Data detected the invalid use of the EXEC variable in an SQL command at line number <number>.

**Explanation:** Net.Data has detected the invalid use of the specified EXEC variable and is unable to continue processing.

**User Response:** Ensure that the specified EXEC variable is not in an SQL command. Correct the

specified error and try again.

---

**DTWP019E** Net.Data detected the invalid use of the EXEC variable in a Net.Data system variable at line number <number>.

**Explanation:** Net.Data has detected the invalid use of the specified EXEC variable and is unable to continue processing.

**User Response:** Ensure that the specified EXEC variable is not in a Net.Data system variable. Correct the specified error and try again.

---

**DTWP020E** Net.Data detected the invalid use of the EXEC variable in an other EXEC variable definition at line number <number>.

**Explanation:** Net.Data has detected the invalid use of the specified EXEC variable and is unable to continue processing.

**User Response:** Ensure that the specified EXEC variable is not in another EXEC variable definition. Correct the specified error and try again.

---

**DTWP021E** Net.Data detected the invalid use of the EXEC variable in a conditional string at line number <number>.

**Explanation:** Net.Data has detected the invalid use of the specified EXEC variable and is unable to continue processing.

**User Response:** Ensure that the specified EXEC variable is not in a conditional string. Correct the specified error and try again.

---

**DTWP022E** Net.Data detected the invalid use of the EXEC variable in a List variable at line number <number>.

**Explanation:** Net.Data has detected the invalid use of the specified EXEC variable and is unable to continue processing.

**User Response:** Ensure that the specified EXEC variable is not in a list variable. Correct the

specified error and try again.

---

**DTWP023E** Net.Data detected the invalid use of the EXEC variable in an EXEC\_SQL statement at line number *<number>*.

**Explanation:** Net.Data has detected the invalid use of the specified EXEC variable and is unable to continue processing.

**User Response:** Ensure that the specified EXEC variable is not in a EXEC\_SQL statement name. Correct the specified error and try again.

---

**DTWP025E** Net.Data expected ELSEIF/ELSE/ELIF and found IF *<name>*.

**Explanation:** The nested %IF structure is invalid.

**User Response:** Check the nested IF structure in the macro file.

---

**DTWP026E** Net.Data detected IF statements nested too deeply *<name>*.

**Explanation:** No more than 1024 IF statements can be nested within each other.

**User Response:** Check the nested IF structure in the macro file.

---

**DTWP027E** Net.Data detected an unmatched ELSEIF/ELSE/ELIF *<name>*.

**Explanation:** There is an ELSEIF/ELSE/ELIF part without corresponding IF part.

**User Response:** Check the nested IF structure in the macro file.

---

**DTWP028E** Net.Data detected an unmatched ENDIF *<name>*.

**Explanation:** There is an ENDIF statement without corresponding IF statement.

**User Response:** Check the nested IF structure in the macro file.

---

**DTWP029E** Net.Data is unable to locate the HTML or XML block *<block\_name>* in file *<file>*.

**Explanation:** Either the specified HTML or XML block does not exist in the macro file or no HTML or XML block was specified.

**User Response:** Specify a valid HTML or XML block and try again.

---

**DTWP030E** Net.Data detected multiple %REPORT blocks in function *<function\_name>*.

**Explanation:** Release 2 of Net.Data supports multiple %REPORT blocks only for DB2.

**User Response:** Use only one %REPORT block in the function.

---

**DTWP031E** Net.Data detected a variable reference, *<string\_name>* that spans multiple lines.

**Explanation:** A variable reference cannot exceed more than one line.

**User Response:** Ensure that the variable reference both begins with and ends on the same line. Correct the specified error and try again.

---

**DTWQ000I** Net.Data detected an error while allocating DB2 resources to run the specified plan: *<plan\_name>* with SSID=*<subsystem\_id>*, return code=*<return\_code>*, reason=*<addition\_information>*.

**Explanation:** Net.Data has detected an error while processing an OPEN command. Please refer to the *DB2 Messages and Codes* guide for further explanation.

**User Response:** Please validate that your DB2 plan name and subsystem id are correct.



---

**DTWQ001I** Net.Data detected an error while deallocating DB2 resources: return code=<return\_code>, reason=<additional\_information>.

**Explanation:** Net.Data has detected an error while processing a CLOSE command. Please refer to the *DB2 Messages and Codes* guide for further explanation.

**User Response:** Please notify the system programmer.

---

**DTWQ002I** Net.Data is unable to allocate SQLDA in function exec\_start.

**Explanation:** Net.Data has run out of memory and is unable to allocate SQLDA in function exec\_start.

**User Response:** Free sufficient memory and try again.

---

**DTWQ003I** Net.Data is unable to allocate SQLDA host variables in function exec\_start.

**Explanation:** Net.Data has run out of memory and is unable to allocate SQLDA host variables in function exec\_start.

**User Response:** Free sufficient memory and try again.

---

**DTWQ005I** The Net.Data ODBC language environment could not allocate the environment handle.

**Explanation:** The Net.Data ODBC language environment could not allocate specified handle.

**User Response:** Verify the ODBC configuration and try again.

---

**DTWQ006I** The Net.Data ODBC language environment could not allocate the connection handle.

**Explanation:** The Net.Data ODBC language environment could not allocate specified handle.

**User Response:** Verify the ODBC configuration and try again.

---

**DTWQ007I** The Net.Data ODBC language environment could not allocate the statement handle.

**Explanation:** The Net.Data ODBC language environment could not allocate specified handle.

**User Response:** Verify the ODBC configuration and try again.

---

**DTWQ008I** The Net.Data ODBC language environment encountered an error loading the CLI initialization file: return\_code=<return\_code>, error\_code=<error\_code>, info\_code=<info\_code>

**Explanation:** An invalid data set was specified in the Net.Data configuration file for the variable DSNAOINI.

**User Response:** Verify that the data set specified is a sequential data set, or a member of a partitioned data set. Verify that it points to a valid CLI initialization file, and the user has the proper READ authority.

---

**DTWQ009I** The Net.Data ODBC language environment encountered an error running DSNAOTRC: return\_code=<return\_code>, error\_code=<error\_code>, info\_code=<info\_code>

**Explanation:** An invalid data set was specified in the Net.Data configuration file for the variable DSNAOTRC

**User Response:** Verify that the data set specified is a sequential data set, and the user has the proper UPDATE authority.

---

**DTWQ010E** Net.Data detected an invalid SQL Data Type: <sql\_tpy\_name>.

**Explanation:** Net.Data has detected an invalid SQL Data Type.

**User Response:** Specify a valid SQL Data Type

and try again. See *Appendix C. Net.Data Operating System Reference* for a list of valid SQL Data Types with respect to your operating system.

---

**DTWQ011I** Net.Data encountered an error while initializing a connection to DB2 with the SSID <ssid\_name>: return\_code=<return\_code\_name>, reason\_code=<reason\_code\_name>.

**Explanation:** Net.Data encountered an error while processing an IDENTIFY to initialize a DB2 connection. Please refer to the *DB2 Messages and Codes* guide for further explanation.

**User Response:** Please validate that your DB2 subsystem id is correct and active.

---

**DTWQ012I** Net.Data encountered an error while assigning user <user\_name> to a DB2 connection with the SSID <ssid\_name>: return\_code=<return\_code\_name>, reason\_code=<reason\_code\_name>

**Explanation:** Net.Data encountered an error while processing a SIGNON to assign a new authorization ID to a DB2 connection. Please refer to the *DB2 Messages and Codes* guide for further explanation.

**User Response:** Please validate that the user is authorized to connect to DB2.

---

**DTWQ013I** Net.Data encountered an error while allocating DB2 resources with the plan <plan\_name> and SSID <ssid\_name>: return\_code=<return\_code\_name>, reason\_code=<reason\_code\_name>

**Explanation:** Net.Data encountered an error while processing a CREATE THREAD to allocate DB2 resources which is required to issue SQL. Please refer to the *DB2 Messages and Codes* guide for further explanation.

**User Response:** Please validate that the DB2 plan name is correct and that the correct DBRM is bound into the plan.

---

**DTWQ014I** Net.Data encountered an error while updating a connection to DB2 with the SSID <ssid\_name>: return\_code=<return\_code>, reason\_code=<reason\_code>

**Explanation:** Net.Data encountered an error while attempting to switch to the specified subsystem ID.

**User Response:** Verify that the DB2 subsystem is still active.

---

**DTWQ015I** Net.Data encountered a DB2 error: SQL code = <SQL\_code>, reason code = <reason\_code>.

**Explanation:** Maybe new operator returns NULL because of not enough memory.

**User Response:** Report the problem to your system administrator.

---

**DTWQ016I** Net.Data detected an invalid SQL handle in the SQL or ODBC language environment

**Explanation:** Net.Data has detected that the SQL or ODBC language environment has an invalid SQL handle.

**User Response:** Check the database or ODBC connection.

---

**DTWQ017E** Net.Data detected an invalid stored procedure call in function <function\_name>.

**Explanation:** The stored procedure call is syntactically incorrect.

**User Response:** Verify that the stored procedure CALL statement is syntactically correct.

---

**DTWQ018E** Net.Data detected an invalid parameter list in the stored procedure call in function <function\_name>.

**Explanation:** The parameter list in the stored procedure call is syntactically incorrect.



**User Response:** Verify that parameter list in the stored procedure CALL statement is syntactically correct.

---

**DTWQ019E** Net.Data encountered an input table as stored procedure output table in function *<function\_name>*.

**Explanation:** Net.Data cannot write into an input parameter table.

**User Response:** Declare the table parameter in the function parameter list as OUT parameter.

---

**DTWQ020E** Net.Data encountered a missing stored procedure name in function *<function\_name>*.

**Explanation:** Net.Data cannot find the stored procedure name in the stored procedure call.

**User Response:** Verify that the stored procedure CALL statement has a name.

---

**DTWQ021E** Net.Data detected too many result sets in the stored procedure call in function *<function\_name>*.

**Explanation:** The number of result sets in a stored procedure call is limited to 32.

**User Response:** Modify the stored procedure call.

---

**DTWQ022E** Net.Data detected that a table is attached to more than one %REPORT block in function *<function\_name>*.

**Explanation:** Only one %REPORT block is allowed per table in a Net.Data function.

**User Response:** Use only one %REPORT block per table.

---

**DTWQ023E** Net.Data encountered a result set that was not specified in the stored procedure call in function *<function\_name>*

**Explanation:** Net.Data encountered a %REPORT block with a table name that does not match a

table listed on the stored procedure call statement.

**User Response:** Verify the table name on the %REPORT block with the tables listed on the stored procedure call statement.

---

**DTWQ024E** Net.Data encountered multiple %REPORT blocks in function *<function\_name>* where at least one %REPORT block specified a table name and another did not

**Explanation:** For multiple %REPORT blocks, if the first %REPORT block specifies a table name, then the rest must also. If the first %REPORT block does not specify a table name, then none of the blocks should specify a table name.

**User Response:** Verify that all of the %REPORT blocks in the function have table names, or that none do

---

**DTWQ025I** Net.Data is unable to create a temporary file for a LOB.

**Explanation:** Net.Data failed to create a temporary file in the tmplobs subdirectory of the directory specified by HTML\_PATH.

**User Response:** Ensure that HTML\_PATH is set in the Net.Data initialization file, and ensure there is a tmplobs directory in HTML\_PATH and that Net.Data has authorization to create files in that directory.

---

**DTWQ026I** Net.Data is unable to open a temporary file for a LOB.

**Explanation:** Net.Data failed to open a temporary file in the tmplobs subdirectory of the directory specified by HTML\_PATH.

**User Response:** Ensure that HTML\_PATH is set in the Net.Data initialization file, and ensure there is a tmplobs directory in HTML\_PATH and that Net.Data has authorization to create files in that directory.

---

**DTWQ027I Net.Data is unable to get data from the LOB**

**Explanation:** The GetData call from the database server failed to return the data for this LOB column.

**User Response:** Please check the access to the database for this particular LOB column.

---

**DTWQ028I Net.Data detected that the maximum number of result sets has been exceeded.**

**Explanation:** The maximum number of result sets that the macro can process at one time is 32.

**User Response:** Rewrite the macro so that it processes no more than 32 result sets at a time.

---

**DTWQ029I Net.Data encountered an empty result set.**

**Explanation:** An empty result set was returned

**User Response:** No action necessary. To suppress this message, use the MESSAGE block to capture SQLCODE 100 and return nothing.

---

**DTWQ030I Net.Data needs data for execution.**

**Explanation:** This is an internal error.

**User Response:** Please contact Net.Data service and report this error.

---

**DTWQ031I Net.Data encountered an error storing a Web page in the cache; SQLCODE='<sqlcode>', SQLSTATE='<sqlstate>'**

**Explanation:** Net.Data failed to store a cached Web page into DB2 with the specified SQLCODE and SQLSTATE.

**User Response:** Reference the given SQLCODE and SQLSTATE with the DB2 Messages book and correct the problem.

---

**DTWQ032I Net.Data encountered an error retrieving a Web page from the cache; SQLCODE='<sqlcode>', SQLSTATE='<sqlstate>'**

**Explanation:** Net.Data failed to retrieve a cached Web page from DB2 with the specified SQLCODE and SQLSTATE.

**User Response:** Reference the given SQLCODE and SQLSTATE with the DB2 Messages book and correct the problem.

---

**DTWQ033I Net.Data encountered an error attempting automatic cache management; SQLCODE='<sqlcode>', SQLSTATE='<sqlstate>'**

**Explanation:** Net.Data failed to perform automatic cache management, encountering the specified SQLCODE and SQLSTATE.

**User Response:** Reference the given SQLCODE and SQLSTATE with the DB2 Messages book and correct the problem, or remove the DTW\_CACHE\_MANAGEMENT\_INTERVAL configuration variable from the initialization file.

---

**DTWR000I Net.Data is unable to access the Oracle message for SQL code <sql\_code\_value>, <additional\_information>.**

**Explanation:** Net.Data was unable to access the specified Oracle message. The Oracle environment may not be set correctly or the error message file cannot be accessed.

**User Response:** Correct the specified error and try again. Contact your Oracle administrator for assistance.

---

**DTWR001E The DTW\_ORA language environment does not support multiple result sets**

**Explanation:** The DTW\_ORA language environment does not support multiple result sets.

**User Response:** Remove any SQL statements

from DTW\_ORA language environment function blocks that generate multiple result sets.

---

**DTWU000E Net.Data is unable to get the environment variable from the server through the API:**  
*<variable\_name>.*

**Explanation:** Net.Data is unable to get the environment variable from the server through the API. Check your server's configuration file to make sure that you enabled the Net.Data API plug-in correctly.

**User Response:** When you run Net.Data in the API plug-in mode, you must specify it correctly in server's configuration file. Please refer to the "Administration and Programming Guide" and try again.

---

**DTWU001I Net.Data is unable to allocate the memory space from the Netscape Server through the NSAPI.**

**Explanation:** When you run Net.Data in the NSAPI plug-in mode, Net.Data allocates the memory through the memory management routine of the NSAPI from the Netscape server. The server is unable to allocate more memory space to Net.Data.

**User Response:** Stop the server and restart it.

---

**DTWU003E Net.Data is unable to get the environment variable from the server through the API.**

**Explanation:** Net.Data is unable to get the environment variable from the server through the API. Check your server's configuration file to make sure that you enabled the Net.Data API plug-in correctly.

**User Response:** When you run Net.Data in the API plug-in mode, you must specify it correctly in server's configuration file. Please refer to the "Administration and Programming Guide" and try again.

---

**DTWV000E The Net.Data macro servlet detected an invalid macro name.**

**Explanation:** The Net.Data macro servlet macro name specified is either null, blank, or missing. The Net.Data macro servlet requires that a valid, fully qualified Net.Data macro name be specified.

**User Response:** Specify a valid macro name using the *<MACRO>* parameter and try again.

---

**DTWV001E The Net.Data macro servlet detected an invalid HTML or XML block name.**

**Explanation:** The HTML or XML block name specified in the Net.Data macro servlet is either null or blank. The Net.Data macro servlet requires a valid HTML or XML block name to execute in the specified Net.Data macro.

**User Response:** Specify a valid HTML or XML block name in the specified Net.Data macro using the *<BLOCK>* parameter and try again.

---

**DTWV007E The Net.Data function servlet detected an invalid language environment.**

**Explanation:** The Net.Data function servlet language environment specified is either null, blank, or missing. The Net.Data function servlet requires that a valid Net.Data language environment be specified.

**User Response:** Specify a valid language environment using the *<LANGENV>* parameter and try again.

---

**DTWV008E The Net.Data function servlet detected an invalid function name or SQL statement or stored procedure name.**

**Explanation:** The Net.Data function servlet function name or SQL statement or stored procedure name specified is either null, blank, or missing. The Net.Data function servlet requires that a valid function name or SQL statement or stored procedure name be specified.

**User Response:** Specify either a valid function

name using the `<FUNC>` parameter or a valid SQL statement/stored procedure name using the `<SQL>` parameter and try again.

---

**DTWV011E The Net.Data servlet detected an invalid HTML path.**

**Explanation:** The Net.Data servlet HTML path specified is either null, blank, or missing. The Net.Data servlet requires that a valid, fully-qualified Web server HTML path be specified (such as: "e:\ibmwww\html").

**User Response:** Specify a valid HTML path using the `<HTMLPATH>` parameter and try again.

---

**DTWV012E The output buffer passed to Net.Data by Net.Commerce or the Net.Data macro servlet native method is too small. Pass in a bigger buffer.**

**Explanation:** Net.Data has encountered an internal failure. This is a Net.Data internal error.

**User Response:** Report the problem to your system administrator.

---

**DTWX000E The Net.Data REXX language environment encountered an error executing the REXX statement**

**Explanation:** An invalid REXX statement was found in the DTW\_REXX inline function or in the external REXX script.

**User Response:** Verify that all REXX statement in the DTW\_REXX inline function or in the external REXX script are valid.

---

**DTWX001E The Net.Data REXX language environment encountered an error processing the result file.**

**Explanation:** Net.Data detected an unexpected token in the result file, which was generated by DTWGENOU module.

**User Response:** Please report this error to your system administrator.

---

**DTWX002I The Net.Data REXX language environment encountered an error when establishing an OpenEdition MVS REXX environment.**

**Explanation:** Net.Data could not fetch the module BPXWRBLD to create an OE MVS REXX environment.

**User Response:** Verify that the module BPXWRBLD is available in your environment.

---

**DTWX003I The Net.Data REXX language environment encountered an error when creating an OpenEdition MVS REXX environment: return\_code=<return\_code>.**

**Explanation:** Net.Data could not create an OpenEdition MVS REXX environment.

**User Response:** Please report this error to your system administrator.

---

**DTWX004I The Net.Data REXX language environment was unable to allocate memory for the function.**

**Explanation:** Net.Data could not allocate memory for all REXX variables. There are too many variables in the DTW\_REXX inline function or in the external REXX script.

**User Response:** Please report this error to your system administrator.

---

**DTWY000I Net.Data is unable to access the Sybase message for SQL code <sql\_code\_value>, <additional\_information>.**

**Explanation:** Net.Data was unable to access the specified Sybase message. The Sybase environment may not be set correctly or the error message file cannot be accessed.

**User Response:** Correct the specified error and try again. Contact your Sybase administrator for assistance.

---

**DTWY001E The DTW\_SYB language environment does not support multiple result sets**

**Explanation:** The DTW\_SYB language environment does not support multiple result sets.

**User Response:** Remove any SQL statements from DTW\_SYB language environment function blocks that generate multiple result sets.

---

**DTWZ000I Access to the macro file has been forbidden because it does not appear in the ACL file.**

**Explanation:** The macro file is not listed in the ACL file and therefore access has been forbidden.

**User Response:** Add the file to ACL file and try again.

---

**DTWZ001I Authentication has failed for user <user\_name>.**

**Explanation:** Authentication has failed for the specified user because the user ID or password are incorrect.

**User Response:** Specify a valid user ID and password and try again.

---

**DTWZ002I ACL file does not grant the necessary rights to access the macro file: ACL file: <ACL\_name>, macro file: <macro\_name>, user ID: <user\_ID>, host IP address: <ip\_address>, host name: <host\_name>, HTTP-method: <method>, HTML or XML block name: <block\_name>.**

**Explanation:** Authentication has failed for the specified macro file, section, and user.

**User Response:** Correct the error and try again.

---

**DTWZ003I Net.Data is unable to process the ACL file <file\_name>.**

**Explanation:** Net.Data was unable to process the specified file because the file does not appear

to be in the correct format.

**User Response:** Ensure the specified file exists and that it is in the correct format.

---

**DTWZ004I Net.Data has detected an invalid MACRO\_PATH.**

**Explanation:** The Net.Data db2www.ini file contains an invalid or missing MACRO\_PATH statement.

**User Response:** Specify a valid MACRO\_PATH and try again.



---

# Chapter 2. Return Codes

This section describes the codes returned from Net.Data functions. The return code and its help information is provided as follows:

---

[**-**]nnnn

**Explanation:** Text explaining what occurred.

**User Response:** The action you can take to appropriately handle the return code.

---

A return code can be positive or negative:

**Positive return codes**

Indicates an error within the function, such as syntax, invalid values, or a system error.

**Negative return codes**

Indicates an internal Net.Data error.

---

**-1002**

**Explanation:** A call to an internal function failed. This is a Net.Data internal error.

**User Response:** Report the problem to your software service representative.

---

**-1001**

**Explanation:** The server could not process a Net.Data request to allocate memory.

**User Response:** Ensure the server has enough memory available.

---

**1000**

**Explanation:** The function requested on a function call is not a supported Net.Data built-in function.

**User Response:** Ensure the specified call to the built-in function doesn't have any typographical errors. Refer to the *Net.Data Reference* for a list of the supported built-in functions.

---

**1001**

**Explanation:** An input parameter contained a NULL value.

**User Response:** Ensure the parameters are defined and not NULL before they are passed to the function.

---

**1002**

**Explanation:** An input parameter contained a string value which consisted of the null-terminating character.

**User Response:** Ensure the specified parameter does not contain a NULL value.

---

**1003**

**Explanation:** An incorrect number of parameters were passed on a function call.

**User Response:** Check the function syntax and ensure you pass all the required parameters and no more than the maximum specified.

---

**1004**

**Explanation:** A parameter passed on a function call, required to be a Net.Data macro table variable, was of a different variable type.

**User Response:** Ensure the variable is defined as a TABLE variable in a DEFINE statement or block.

---

**1005**

**Explanation:** A parameter passed on a function call, required to be a string variable, was of a different variable type.

**User Response:** Ensure the variable is defined as a string variable in a DEFINE statement or block.

---

**1006**

**Explanation:** A literal string was passed on a function call for a parameter which was required to be an output parameter.

**User Response:** Do not specify any input values for output parameters. The parameter type might need to be changed to INOUT.

---

**1007**

**Explanation:** A parameter contains a value which is not valid. One of these conditions exists:

- A value was passed which exceeded the maximum supported value.
- A value was passed which was less than the minimum supported value.
- A value was passed which was not one of the supported choices.
- A table row or column value was passed which was less than or equal to zero.

**User Response:** Ensure that the value is not out of range or invalid.

---

**1008**

**Explanation:** A parameter is outside of table bounds. One of these conditions exists:

- A program attempted to modify a table's row or column value, but the row or column value received was less than 0 or greater than the maximum number of rows allowed in the table.
- A row or column value was received as input to a built-in function, but the value received was less than 0 or greater than the current number of rows or columns in the table.

**User Response:** Ensure the specified value is not less than 0 or greater than the current number of rows in the table.

---

**1009**

**Explanation:** The syntax of the data returned by a System or Perl program is not in the correct Net.Data string format. One of these conditions exists:

- An equal sign was not found.
- A beginning quote was not found.
- An ending quote was not found.
- A space separator between values was not found.

**User Response:** Check the data returned by the function for syntax errors and modify the script accordingly.

---

**1010**

**Explanation:** Not all of the requested data could be returned. A table was specified as an output parameter, but the number of rows of data returned by the language environment was greater than the maximum number of rows allowed for the table. Data was written to the table until it was full, and the remainder of the data was discarded.

**User Response:** You can ignore the discarded data, or increase the table size and run the function again.

---

**2000**

**Explanation:** A flat file interface built-in function could not find the specified file.



**User Response:** Ensure the file is in a path specified by the FFI\_PATH statement in the initialization file.

---

2001

**Explanation:** A flat file interface built-in function could not open the specified file because it was in use by this or another process, and could not be shared in the specified mode.

**User Response:** Ensure another process has not locked the file.

---

2002

**Explanation:** A flat file interface built-in function could not close the specified file because it was not opened by this macro invocation.

**User Response:** The file must be closed by the macro that opened it. Changes made could be lost.

---

2003

**Explanation:** A flat file interface built-in function could not read a row of data into a table variable because the number of bytes in the row exceeded the maximum supported number of bytes.

**User Response:** The table is too large for Net.Data to handle.

---

2004

**Explanation:** A flat file interface built-in function was attempting to find a file, but encountered a path in the FFI\_PATH configuration file variable that was longer than the maximum supported number of bytes, which is 4095.

**User Response:** Shorten the FFI\_PATH statement to only those directories Net.Data needs for the current application.

---

2005

**Explanation:** A call to a system function failed. This is an internal error reported to Net.Data that

may require user interaction or it may be a temporary system error that is not appropriate for Net.Data to handle. If this problem persists, report the problem to your software service representative.

**User Response:** Check your configuration and try again. If problems persist, report the problem to your software service representative.

---

2006

**Explanation:** A flat file interface built-in function could not access the specified file because it was in use by this or another process and could not be shared in the specified mode.

**User Response:** End the process using the file and try again. Consider specifying a RETRY value to automatically retry if the file is in use when the function is called.

---

3001

**Explanation:** A Web registry built-in function could not create a Web registry because the specified registry already exists.

**User Response:** Use another name for the Web registry.

---

3002

**Explanation:** A Web registry built-in function could not delete the specified registry. One of these conditions exists:

- The registry was in use by another process.
- The registry could not be found.

**User Response:** If the registry is in use by another process, try after the process has closed.

---

3003

**Explanation:** A Web registry built-in function could not add an entry to the specified registry because the specified entry already exists.

**User Response:** Duplicate entries cannot be made in a Web registry. Modify the entry and resubmit the function, or use the existing entry.

---

**3004**

**Explanation:** A Web registry built-in function could not remove or retrieve an entry from the specified registry because the specified entry does not exist.

**User Response:** Net.Data cannot find the requested registry entry.

---

**3005**

**Explanation:** A Web registry built-in function could not use the specified registry because it cannot be found.

**User Response:** Create the registry if it does not already exist.

---

**3006**

**Explanation:** A Web registry built-in function could not create the specified registry because a path in the registry name does not exist.

**User Response:** Specify a path when you create the registry.

---

**3007**

**Explanation:** A Web registry built-in function could not complete the specified operation because the requestor does not have the proper authority to the specified registry.

**User Response:** Change the security parameter in your Web registry functions to authorize the operation.

---

**3008**

**Explanation:** A Web registry built-in function could not create the specified registry for unknown reasons.

**User Response:** Check your configuration and try again.

---

---

**4000**

**Explanation:** A parameter contains an invalid whole number value. One of these conditions exists:

- An input parameter contained a value which was not a whole number.
- An input parameter contained a value which was greater than the supported maximum of 999,999,999.
- An output cannot be expressed as a whole number.

**User Response:** Ensure that the value is not out of range or invalid.

---

**4001**

**Explanation:** A parameter contains an invalid number value. One of these conditions exists:

- An input parameter contained a value which was not a valid format for a number.
- An input parameter contained a value which specified an exponent outside the supported range of -999,999,999 to +999,999,999.

**User Response:** Ensure that the value is not out of range or invalid.

---

**4002**

**Explanation:** The result of an arithmetic operation had an exponent that was outside the supported range of -999,999,999 to +999,999,999.

**User Response:** Ensure that the value is within the supported range.

---

**5000**

**Explanation:** The string specified in the EXEC statement of a function block contained only space characters.

**User Response:** Specify a string that is not all space characters.

---

---

**6000**

**Explanation:** A EXEC statement was not specified in the function block for the function being called.

**User Response:** Add the EXEC statement in the FUNCTION block.

---

**6100**

**Explanation:** The path in EXEC block not valid or the EXEC block is missing.

**User Response:** Ensure that an EXEC block is specified and that the path specified in the EXEC block references a program object.

---

**6101**

**Explanation:** Incorrect attributes for the data type were specified or Net.Data does not support the data type.

**User Response:** Correct the parameter that is in error by using one of the following methods:

- If precision and scale were specified, ensure that scale is less or equal to precision.
  - If precision or scale was specified, ensure that the precision or scale is allowed for the data type and that the specified value is within the allowed range.
  - If data type is DTWTABLE, ensure that the parameter value is a Net.Data table.
  - Ensure that the specified data type is one that is supported.
- 

**6102**

**Explanation:** A data conversion error occurred when data was converted from displayable format to internal format or from internal format to displayable format.

**User Response:** Ensure that the data specified is compatible with the data type of the parameter.

---

**7000**

**Explanation:** Net.Data is unable to connect to the specified SMTP server.

**User Response:** Make sure that you have specified the correct hostname or IP number. An SMTP server must be running on port 25 on the specified host.

---

**7001**

**Explanation:** An SMTP error occurred while Net.Data tried to relay the e-mail message to the specified SMTP server.

**User Response:** Make sure that you call DTW\_SENMAIL with valid parameters.

---

**7002**

**Explanation:** The specified SMTP server does not support the Extended Simple Mail Transfer Protocol (ESMTP). Net.Data cannot relay e-mail messages that contain 8-bit characters (such as non-U.S. ASCII characters) to an SMTP server that supports only 7-bit characters (such as U.S. ASCII).

**User Response:** Either specify an SMTP server that supports ESMTP (8BITMIME) or do not use 8-bit characters in your e-mail messages.

---

**8000**

**Explanation:** The cookie cannot be found. One of the following conditions exists:

- The cookie has never been set.
- The cookie has expired.
- The cookie does not have an expiration date and is not persistent; the Web browser that received the cookie exited or was killed.
- The cookie was set with a secure option, and the current HTTP request was sent over an insecure channel.
- The Web browser did not accept cookies or it did not execute JavaScript programs at the time when the set cookie request was submitted.
- The cookie has been deleted by the Web browser; the number of cookies exceeds the limitations of the browser. The limitations are described in Netscape's specification at:

[http://search.netscape.com/newsref/std/cookie\\_spec.html](http://search.netscape.com/newsref/std/cookie_spec.html).

**User Response:** Determine the reason why the cookie cannot be found and correct the situation.

---

#### 8201

**Explanation:** A persistent built-in function was called out of sequence.

**User Response:** Ensure that the persistent built-in functions are correct and in sequence. For example, you cannot have a call to DTW\_ACCEPT() followed by a call to DTW\_TERMINATE(). To learn about the proper sequence of persistent built-in functions, see the persistent macro chapter in the *Net.Data Administration and Programming Guide for OS/400*.

---

#### 8202

**Explanation:** Persistence could not be enabled. The attempt to define a static variable failed because text prior to the variable has been written to stdout.

**User Response:** Ensure that persistence is enabled by defining the static variable before writing text to stdout.

---

#### 8200

**Explanation:** Macro persistence is not enabled. A call was made to a built-in function that requires macro persistence to be enabled.

**User Response:** Enable persistence within the macro or remove the function call. Refer to the *Net.Data Administration and Programming Guide for OS/400* for information on enabling persistent macros.

---

## Chapter 3. Trace Messages

If your version of Net.Data provides logging facilities, you can trace Net.Data's activities. Tracing is useful for debugging your macro applications. For more information about configuring Net.Data for tracing see the *Net.Data Administration and Programming Guide*.

This section describes the messages that can be logged when the trace facility is turned on.

---

**DTWB500I**    **Function <func\_name>: the size of all IN/INOUT parameters is <size>, and the number of OUT/INOUT parameters is <num>**

**Explanation:** Net.Data counted the specified number of parameters, totaling up the allocation size in the specified function.

**User Response:** None

---

**DTWB501I**    **Function <func\_name>: allocating the parameter buffer with the size <size>**

**Explanation:** Internal message for IBM use.

**User Response:** None

---

**DTWB502I**    **Function <func\_name>: COBOL program set return code as <return\_code>**

**Explanation:** Internal message for IBM use.

**User Response:** None

---

**DTWF500I**    **Net.Data invoked using CGI**

**Explanation:** Net.Data was invoked as a CGI application.

**User Response:** None

---

---

**DTWF501I**    **Net.Data invoked using ICAPI or GWAPI**

**Explanation:** Net.Data was invoked as an ICAPI or GWAPI application.

**User Response:** None

---

**DTWF502I**    **Net.Data invoked as a servlet**

**Explanation:** Net.Data was invoked as a servlet.

**User Response:** None

---

**DTWF503I**    **Net.Data invoked using Net.Commerce**

**Explanation:** Net.Data was invoked through Net.Commerce.

**User Response:** None

---

**DTWF504I**    **Searching <path\_config\_var> for <file\_name> and found file <fully\_qualified\_filename>**

**Explanation:** Net.Data is searching the specified path configuration variable for the specified file, and found the resulting file.

**User Response:** None

---

**DTWF505I**    **The number of open files: <num>**

**Explanation:** Net.Data currently has the specified number of files open.

**User Response:** None

---

---

**DTWF506I**    **Number of days before expiration:**  
                  <days>

**Explanation:** This version of Net.Data will expire in the specified number of days.

**User Response:** None

---

**DTWF507I**    **PATH\_TRANSLATED:**  
                  <path\_name>

**Explanation:** Internal message for IBM use.

**User Response:** None

---

**DTWF508I**    **PATH\_INFO:** <path\_name>

**Explanation:** Internal message for IBM use.

**User Response:** None

---

**DTWF509I**    **SCRIPT\_NAME:** <name>

**Explanation:** Internal message for IBM use.

**User Response:** None

---

**DTWF510I**    **CONTENT\_TYPE:** <type>

**Explanation:** Internal message for IBM use.

**User Response:** None

---

**DTWF511I**    **CONTENT\_LENGTH:** <length>

**Explanation:** Internal message for IBM use.

**User Response:** None

---

**DTWF512I**    **QUERY\_STRING:** <string>

**Explanation:** Internal message for IBM use.

**User Response:** None

---

**DTWF513I**    **SERVER\_PORT:** <port\_num>

**Explanation:** Internal message for IBM use.

**User Response:** None

---

---

**DTWF514I**    **REQUEST\_METHOD:** <method>

**Explanation:** Internal message for IBM use.

**User Response:** None

---

**DTWF515I**    **Initializing language environment**  
                  <LE\_name>

**Explanation:** Net.Data is setting up the specified language environment.

**User Response:** None

---

**DTWF516I**    **Cleaning up language**  
                  **environment** <LE\_name>

**Explanation:** Net.Data is cleaning up the specified language environment.

**User Response:** None

---

**DTWF517I**    **Invoking language environment**  
                  <LE\_name>, **for function**  
                  <func\_name>

**Explanation:** Net.Data is invoking the specified language environment for the specified function.

**User Response:** None

---

**DTWF518I**    **Returning from processing**  
                  **language environment** <LE\_name>

**Explanation:** Net.Data has returned from the specified language environment after processing the function call.

**User Response:** None

---

**DTWF519I**    **Creating Language Environment**  
                  <LE\_name>: **DLLname=**<dll\_name>,  
                  **parameters=**<parm\_list>

**Explanation:** Net.Data is creating the specified language environment using the specified DLL name and parameter list.

**User Response:** None

---

---

**DTWF520I**    **Creating new function,**  
                  **name=<func\_name>**

**Explanation:** Net.Data is creating a function with the specified name.

**User Response:** None

---

**DTWF521I**    **Creating new table variable,**  
                  **name=<var\_name>**

**Explanation:** Net.Data is adding a table variable with the specified name.

**User Response:** None

---

**DTWF522I**    **Creating new variable,**  
                  **name=<var\_name>**

**Explanation:** Net.Data is adding a new variable with the specified name.

**User Response:** None

---

**DTWF523I**    **Looking up <name>**

**Explanation:** Net.Data is attempting to look up a variable or function with the specified name.

**User Response:** None

---

**DTWF524I**    **Found variable <var\_name>**

**Explanation:** Net.Data found a variable with the specified name.

**User Response:** None

---

**DTWF525I**    **Found table variable <var\_name>**

**Explanation:** Net.Data found a table variable with the specified name.

**User Response:** None

---

**DTWF526I**    **Found function <var\_name>**

**Explanation:** Net.Data found a function with the specified name.

**User Response:** None

---

---

**DTWF527I**    **Setting up parameter list with**  
                  **<num> parameters**

**Explanation:** Net.Data is setting up the parameter list for a function call with the specified number of parameters.

**User Response:** None

---

**DTWF528I**    **Adding parameter,**  
                  **name=<parm\_name>,**  
                  **value=<parm\_value>**

**Explanation:** Net.Data is adding a parameter to the function call parameter list with the specified name and value.

**User Response:** None

---

**DTWF529I**    **Adding table parameter,**  
                  **name=<parm\_name>**

**Explanation:** Net.Data is adding a table parameter to the function call parameter list with the specified name.

**User Response:** None

---

**DTWF530I**    **Adding parameter,**  
                  **value=<parm\_value>**

**Explanation:** Net.Data is adding a parameter to the function call parameter list with the specified value.

**User Response:** None

---

**DTWF531I**    **Adding OUT parameter,**  
                  **name=<parm\_name>**

**Explanation:** Net.Data is adding an output parameter to the function call parameter list with the specified name.

**User Response:** None

---

**DTWF532I**    **Updating output parameter**  
                  **<parm\_name>, with new value**  
                  **<parm\_value>**

**Explanation:** Net.Data is setting the specified output parameter to the new specified value.

User Response: None

---

**DTWF533I Searching MESSAGE block for**  
*<message\_code>*

**Explanation:** Net.Data is searching a MESSAGE block for the specified return code or SQLSTATE.

User Response: None

---

**DTWF534I Found an exact SQLSTATE**  
**MESSAGE block match**

**Explanation:** Net.Data found a matching SQLSTATE in the MESSAGE block.

User Response: None

---

**DTWF535I Found an exact MESSAGE block**  
**match**

**Explanation:** Net.Data found a matching return code in the MESSAGE block.

User Response: None

---

**DTWF536I Found a default MESSAGE block**  
**message"**

**Explanation:** Net.Data did not find a match in the message block and is using the default MESSAGE block message instead.

User Response: None

---

**DTWF537I No MESSAGE block matches**

**Explanation:** Net.Data did not find any message in the MESSAGE block to match the return code or SQLSTATE.

User Response: None

---

**DTWF538I Adding MESSAGE block entry**  
**for <return\_code>**

**Explanation:** Net.Data is adding a MESSAGE block entry for the specified return code.

User Response: None

---

**DTWF539I Adding SQLSTATE MESSAGE**  
**block entry for <sqlstate>**

**Explanation:** Net.Data is adding a MESSAGE block entry for the specified SQLSTATE.

User Response: None

---

**DTWF540I Adding default MESSAGE block**  
**entry**

**Explanation:** Net.Data is adding a default MESSAGE block entry.

User Response: None

---

**DTWF541I Resolving a <var\_type> variable**  
**reference**

**Explanation:** Net.Data is resolving a variable reference of the specified variable type.

User Response: None

---

**DTWF542I Variable resolved to value**  
*<var\_value>*

**Explanation:** Net.Data resolved the variable to the specified value.

User Response: None

---

**DTWF543I Creating a <var\_type> variable**

**Explanation:** Net.Data is creating a variable of the specified type.

User Response: None

---

**DTWF544I Processing REPORT block header**

**Explanation:** Net.Data is processing the header of the REPORT block.

User Response: None

---

**DTWF545I Processing REPORT block footer**

**Explanation:** Net.Data is processing the footer of the REPORT block.

User Response: None



---

**DTWF546I    Processing row *<row\_num>* of ROW block**

**Explanation:** Net.Data is processing the specified row number of the ROW block.

**User Response:** None

---

**DTWF547I    Setting up report processing variables**

**Explanation:** Internal message for IBM use.

**User Response:** None

---

**DTWF548I    Printing a default report**

**Explanation:** Net.Data is printing a default report.

**User Response:** None

---

**DTWF549I    Beginning execution for function *<func\_name>***

**Explanation:** Net.Data is starting the function call for the specified function.

**User Response:** None

---

**DTWF550I    Enabling default reporting**

**Explanation:** Net.Data detected that DTW\_DEFAULT\_REPORT is set to YES and no REPORT block exists, so default reporting is enabled.

**User Response:** None

---

**DTWF551I    Limiting result sets to *<num>* rows**

**Explanation:** Net.Data has detected a limit on the current table variable, or RPT\_MAX\_ROWS is set to a value greater than zero, and is limiting the number of rows returned to the specified number.

**User Response:** None

---

---

**DTWF552I    Function call ended for *<func\_name>*, return value is *<return\_val>***

**Explanation:** Net.Data has finished processing the specified function call and is returning the specified value.

**User Response:** None

---

**DTWF553I    Retrieving next row from the language environment**

**Explanation:** Net.Data is retrieving the next row from the language environment.

**User Response:** None

---

**DTWF554I    *<number>* rows returned from the language environment**

**Explanation:** Net.Data has returned the specified number of rows from the language environment

**User Response:** None

---

**DTWF555I    Defining function *<func\_name>***

**Explanation:** Net.Data is defining the specified function.

**User Response:** None

---

**DTWF556I    Defining MACRO\_FUNCTION *<func\_name>***

**Explanation:** Net.Data is defining the specified MACRO\_FUNCTION.

**User Response:** None

---

**DTWF557I    Function call *<func\_name>* is a built-in function**

**Explanation:** The current function call is for a built-in function.

**User Response:** None

---

---

**DTWF558I**    **Function call <func\_name> is a  
MACRO\_FUNCTION**

**Explanation:** The current function call is for a  
MACRO\_FUNCTION function.

**User Response:** None

---

**DTWF559I**    **Caching macro <macro\_name>**

**Explanation:** Net.Data will be caching the  
specified macro.

**User Response:** None

---

**DTWF560I**    **Using pre-processed macro  
<macro\_name>**

**Explanation:** Net.Data found the specified  
macro in the cache and is using the  
pre-processed version.

**User Response:** None

---

**DTWF561I**    **Adding macro <macro\_name> to  
the cache**

**Explanation:** Net.Data is adding the  
pre-processed version of the specified macro to  
the cache.

**User Response:** None

---

**DTWF562I**    **Caching Web page for macro  
<macro\_name>**

**Explanation:** Net.Data will cache the Web page  
for the specified macro.

**User Response:** None

---

**DTWF563I**    **Using cached Web page for macro  
<macro\_name>**

**Explanation:** Net.Data has found the Web page  
for the specified macro in the cache and is  
sending the cached page.

**User Response:** None

---

---

**DTWF564I**    **Adding Web page for macro  
<macro\_name> to the cache**

**Explanation:** Net.Data is adding the Web page  
for the specified macro to the cache.

**User Response:** None

---

**DTWF565I**    **Processing <config\_var\_name>  
configuration variable: path  
<path\_value>**

**Explanation:** Net.Data is processing the  
specified path for either DTW\_CACHE\_MACRO  
or DTW\_DO\_NOT\_CACHE\_MACRO.

**User Response:** None

---

**DTWF566I**    **Processing DTW\_CACHE\_PAGE  
directive: key <key>, age <age>  
seconds, and usage scope <scope>**

**Explanation:** Net.Data has detected a  
DTW\_CACHE\_PAGE directive with the specified  
key, age, and usage scope.

**User Response:** None

---

**DTWF567I**    **Unable to locate the SQL  
Language Environment; Web page  
caching disabled**

**Explanation:** Net.Data cannot find the SQL  
Language Environment and is unable to perform  
any Web page caching.

**User Response:** None

---

**DTWF568I**    **Configuration variable <var\_name>  
set with value <var\_value>**

**Explanation:** Net.Data has detected the  
specified configuration variable and is setting it  
to the specified value.

**User Response:** None

---

---

**DTWF569I**    The number of characters read from input stream was  
                  <num\_chars>

**Explanation:** Internal message for IBM use.

**User Response:** None

---

**DTWF570I**    Form-data boundary is  
                  '<boundary\_string>'

**Explanation:** Internal message for IBM use.

**User Response:** None

---

**DTWF571I**    Line <line\_num>, found the boundary, saving file '<filename>'

**Explanation:** Internal message for IBM use.

**User Response:** None

---

**DTWF572I**    Line <line\_num>, the content-type is '<content\_type>'

**Explanation:** Internal message for IBM use.

**User Response:** None

---

**DTWF573I**    Line <line\_num>, the content-disposition is  
                  '<content\_disposition>'

**Explanation:** Internal message for IBM use.

**User Response:** None

---

**DTWF574I**    Processing of the file upload input stream completed

**Explanation:** Internal message for IBM use.

**User Response:** None

---

**DTWF575I**    Found form variable, the name is  
                  '<form\_name>' and its value is  
                  '<form\_value>'

**Explanation:** Internal message for IBM use.

**User Response:** None

---

---

**DTWF576I**    The unique id of the request is  
                  <unique\_id>

**Explanation:** Internal message for IBM use.

**User Response:** None

---

**DTWF577I**    Parsing of the Net.Data initialization file db2www.ini completed

**Explanation:** Net.Data has completed processing of the initialization file.

**User Response:** None

---

**DTWF578I**    Updating table variable  
                  '<table\_name>' <in\_scope>

**Explanation:** Net.Data is replacing the given table variable in the specified scope.

**User Response:** None

---

**DTWF579I**    Updating variable '<var\_name>'  
                  <in\_scope>

**Explanation:** Net.Data is replacing the given variable in the specified scope.

**User Response:** None

---

**DTWF580I**    Reference is a <var\_type> variable

**Explanation:** Net.Data is referencing a variable of the given type

**User Response:** None

---

**DTWF581I**    Flushing buffer: <output buffer>

**Explanation:** Net.Data is sending the specified contents to the Web server.

**User Response:** None

---

**DTWF582I**    Modified the SQL statement with  
                  <num\_params> parameter markers

**Explanation:** Net.Data replaced all variable references and function calls within the SQL

statement with parameter markers for using host variables.

**User Response:** None

---

**DTWF583I MESSAGE block action specified**  
**'<action>'**

**Explanation:** Net.Data will perform the action specified based on the MESSAGE block processing of the return code.

**User Response:** None

---

**DTWF584I Net.Data invoked using FastCGI**

**Explanation:** Net.Data was invoked through the FastCGI interface.

**User Response:** None

---

**DTWF585I Creating new variable <in\_scope>,  
name='<var\_name>'  
value='<var\_value>'**

**Explanation:** Net.Data is adding a new variable with the specified name using the specified scope, with the value listed.

**User Response:** None

---

**DTWF586I Updating variable '<var\_name>'  
<in\_scope>, with the value  
'<var\_value>'**

**Explanation:** Net.Data is replacing the given variable with the specified value, in the specified scope.

**User Response:** None

---

**DTWF587I Net.Data invoked using NSAPI**

**Explanation:** Net.Data was invoked as a NSAPI application.

**User Response:** None.

---

**DTWF588I Net.Data invoked using ISAPI**

**Explanation:** Net.Data was invoked as an ISAPI application.

**User Response:** None.

---

**DTWF589I Net.Data invoked using ASAPI**

**Explanation:** Net.Data was invoked as an ASAPI application.

**User Response:** None.

---

**DTWI500I Function <func\_name>: importing  
flat file data into Net.Data table**

**Explanation:** Net.Data is importing the contents of a flat file into a Net.Data table variable.

**User Response:** None

---

**DTWI501I Function <func\_name>: exporting  
Net.Data table data to flat file**

**Explanation:** Net.Data is exporting the contents of a Net.Data table to a flat file.

**User Response:** None

---

**DTWI503I Function <func\_name>: deleting  
entries in the open file handle  
table**

**Explanation:** Internal message for IBM use.

**User Response:** None

---

**DTWI504I Function <func\_name>: splitting  
the file name into path and file  
name**

**Explanation:** Internal message for IBM use.

**User Response:** None

---

**DTWI505I Function <func\_name>: parsing  
FFI\_PATH**

**Explanation:** Internal message for IBM use.

**User Response:** None

---

**DTWI506I**    **Function** *<func\_name>*: deleting  
file *<file\_name>*

**Explanation:** Internal message for IBM use.

**User Response:** None

---

**DTWI507I**    **Function** DTWF\_READFILE: the  
size of the file '*<filename>*' is  
*<filesize>*

**Explanation:** Internal message for IBM use.

**User Response:** None

---

**DTWJ500I**    **Function** *<func\_name>*: applet  
name is *<applet\_name>*

**Explanation:** The Java Applet Language  
Environment detected the specified applet name.

**User Response:** None

---

**DTWJ501I**    **Function** *<func\_name>*: applet tag  
attribute *<attribute\_name>* found  
with value *<attribute\_value>*

**Explanation:** The Java Applet Language  
Environment detected an applet tag attribute  
with the specified name and value

**User Response:** None

---

**DTWJ502I**    **Function** *<func\_name>*:  
DTW\_APPLET\_ALTTEXT found  
with value *<alt\_text>*

**Explanation:** The Java Applet Language  
Environment detected the variable  
DTW\_APPLET\_ALTTEXT with the specified  
alternate text.

**User Response:** None

---

**DTWL500I**    **Function** *<func\_name>* called in  
the *<LE>* Language Environment

**Explanation:** A function has been called in the  
specified language environment.

**User Response:** None

---

---

**DTWL501I**    **Function** *<func\_name>*: parameter  
*<parm\_num>*, **name=***<parm\_name>*,  
**value=***<parm\_value>*

**Explanation:** In the specified function, the  
current parameter has the specified name and  
value.

**User Response:** None

---

**DTWL502I**    **Function** *<func\_name>*: parameter  
*<parm\_num>* is a table variable  
named *<parm\_name>*

**Explanation:** In the specified function, the  
current parameter is a table variable with the  
specified name.

**User Response:** None

---

**DTWL503I**    **Function** *<func\_name>*: parameter  
*<parm\_num>* is an *<usage>*  
parameter

**Explanation:** In the specified function, the  
current parameter has the specified usage type  
(IN, OUT, or INOUT).

**User Response:** None

---

**DTWL504I**    **Function** *<func\_name>*: output  
parameter *<parm\_name>* now set to  
value *<parm\_value>*

**Explanation:** In the specified function, the  
current output parameter has been set to the new  
specified value.

**User Response:** None

---

**DTWL505I**    **Function** *<func\_name>* was  
successful

**Explanation:** The current function call was  
successful

**User Response:** None

---

---

**DTWL506I**    **Function** *<func\_name>* **failed with return code** *<return\_code>*

**Explanation:** The current function call failed with the specified return code.

**User Response:** None

---

**DTWL507I**    **Function** *<func\_name>*: **executing inline** *<language>*  
**statements:** *\n<statements>*

**Explanation:** Net.Data is invoking the specified interpreter with the specified inline language statements.

**User Response:** None

---

**DTWL508I**    **Function** *<func\_name>*: **table parameter has** *<num\_rows>* **rows and** *<num\_cols>* **columns**

**Explanation:** Internal message for IBM use.

**User Response:** None

---

**DTWL509I**    **Function** *<func\_name>*: **name of column** *<colnum>* **is** '*<colname>*'

**Explanation:** Internal message for IBM use.

**User Response:** None

---

**DTWL510I**    **Function** *<func\_name>*: **the field value at row** *<rownum>*, **column** *<colnum>* **is** '*<field\_value>*'

**Explanation:** Internal message for IBM use.

**User Response:** None

---

**DTWL511I**    **Function** *<func\_name>*: **the number of rows returned from the program is** *<num\_rows>*

**Explanation:** Internal message for IBM use.

**User Response:** None

---

---

**DTWL512I**    **Function** *<func\_name>*: **the number of columns returned from the program is** *<num\_cols>*

**Explanation:** Internal message for IBM use.

**User Response:** None

---

**DTWL513I**    **Function** *<func\_name>*: **table column name was set to an empty value**

**Explanation:** Internal message for IBM use.

**User Response:** None

---

**DTWL514I**    **Function** *<func\_name>*: **table field value was set to an empty value**

**Explanation:** Internal message for IBM use.

**User Response:** None

---

**DTWL515I**    **Function** *<func\_name>*: **the field value at row** *<row\_num>*, **column** *<col\_num>*, **now set to value** '*<table\_value>*'

**Explanation:** Internal message for IBM use.

**User Response:** None

---

**DTWL516I**    **Built-in function** '*%s*' **called**

**Explanation:** The specified built-in function was invoked.

**User Response:** None

---

**DTWL517I**    **Function** DTW\_SENDMAIL: **sendmail command failed with return code** *<return\_code>*

**Explanation:** Net.Data executed the UNIX sendmail command and it failed with the specified return code.

**User Response:** None

---

---

**DTWL518I**    **Function DTW\_SENDMAIL:**  
                 contents of the sendmail input  
                 file: <file\_contents>

**Explanation:** Internal message for IBM use.

**User Response:** None

---

**DTWP500I**    **Parsing macro** <macro\_name>

**Explanation:** Net.Data is beginning to parse the specified macro.

**User Response:** None

---

**DTWP501I**    **Parsing of macro** <macro\_name>  
                 completed

**Explanation:** Net.Data has completed parsing the specified macro.

**User Response:** None

---

**DTWP502I**    **Parsing query string or form data**

**Explanation:** Net.Data is parsing either the query string or form data.

**User Response:** None

---

**DTWP503I**    **Parsing pre-processed macro**  
                 <macro\_name>

**Explanation:** Net.Data is parsing a pre-processed (cached) version of the specified macro.

**User Response:** None

---

**DTWP506I**    **In function yyparse(), the token**  
                 **ID** <num> **with token value**  
                 <value> **returned from lexxy**

**Explanation:** Internal message for IBM use.

**User Response:** None

---

---

**DTWP507I**    **Calling function**  
                 **add\_to\_alias\_table** to add a  
                 **string\_var\_list** to the alias table

**Explanation:** Internal message for IBM use.

**User Response:** None

---

**DTWP508I**    **Calling function**  
                 **add\_to\_alias\_table** to add a  
                 **D2W\_Table** object to the alias  
                 table

**Explanation:** Internal message for IBM use.

**User Response:** None

---

**DTWP509I**    **Calling function**  
                 **add\_to\_alias\_table** to add a  
                 **function object** to the alias table

**Explanation:** Internal message for IBM use.

**User Response:** None

---

**DTWP510I**    **Calling function**  
                 **add\_to\_alias\_table** to add an  
                 **environment variable object** to the  
                 alias table

**Explanation:** Internal message for IBM use.

**User Response:** None

---

**DTWP511I**    **Pre-processing macro**  
                 <macro\_name> **and saving the**  
                 results

**Explanation:** Net.Data is pre-processing the specified macro for the macro cache.

**User Response:** None

---

**DTWP512I**    **Parsing and pre-processing the**  
                 **INCLUDE file** <name> **in macro**  
                 <macro\_name>

**Explanation:** Net.Data is pre-processing the specified INCLUDE for the macro cache, while parsing the specified macro.

**User Response:** None

---

---

**DTWP513I Parsing and pre-processing the INCLUDE file <name> completed**

---

**Explanation:** Net.Data has completed pre-processing and parsing the specified INCLUDE file and is storing it to the macro cache.

**User Response:** None

---

**DTWP514I Parsing the INCLUDE\_URL file <name> in macro <macro\_name>**

---

**Explanation:** Net.Data is parsing the specified INCLUDE\_URL directive from the specified macro.

**User Response:** None

---

**DTWP515I Parsing the INCLUDE\_URL file <name> completed**

---

**Explanation:** Net.Data has completed parsing the specified INCLUDE\_URL directive.

**User Response:** None

---

**DTWP516I Calling function add\_token to add token ID <num> and token value <value>**

---

**Explanation:** Internal message for IBM use.

**User Response:** None

---

**DTWP517I Parsing INCLUDE\_URL file <name> from the remote server <server\_name>**

---

**Explanation:** Net.Data is retrieving the specified INCLUDE\_URL file from a remote Web server.

**User Response:** None

---

**DTWP518I Parsing INCLUDE\_URL file <name> from the local server**

---

**Explanation:** Net.Data is retrieving the specified INCLUDE\_URL file from the local Web server.

**User Response:** None

---

**DTWP519I Parsing Direct Request with query string <name>**

---

**Explanation:** Net.Data is parsing a Direct Request in the specified query string.

**User Response:** None

---

**DTWP520I Executing Direct Request**

---

**Explanation:** Net.Data is executing a Direct Request.

**User Response:** None

---

**DTWQ500I Function <func\_name>: returning result set starting at row <num>**

---

**Explanation:** Net.Data detected START\_ROW\_NUM, and is returning result sets starting at the specified row number.

**User Response:** None

---

**DTWQ501I Function <func\_name>: calculating TOTAL\_ROWS**

---

**Explanation:** DTW\_SET\_TOTAL\_ROWS is set to YES and Net.Data is calculating the value of the TOTAL\_ROWS table processing variable.

**User Response:** None

---

**DTWQ502I Function <func\_name>: TOTAL\_ROWS is <number>**

---

**Explanation:** Net.Data has set the table processing variable, TOTAL\_ROWS, to the specified number.

**User Response:** None

---

**DTWQ503I Establishing a connection to the database**

---

**Explanation:** Net.Data is connecting to the database.

**User Response:** None



---

**DTWQ504I Reusing an existing connection to the database**

**Explanation:** Net.Data detected that a connection exists and is reusing the connection.

**User Response:** None

---

**DTWQ505I Connection established with  
SSID=<subsystem\_id>,  
plan=<planname>, and  
userID=<userid>**

**Explanation:** Net.Data established a connection to the database using the specified subsystem ID, plan name, and user ID.

**User Response:** None

---

**DTWQ506I Connection established with  
SSID=<subsystem\_id> and  
userID=<userid>**

**Explanation:** Net.Data established a connection to an ODBC database with the specified subsystem ID and user ID.

**User Response:** None

---

**DTWQ507I Function <func\_name>: calling  
stored procedure <proc\_name>**

**Explanation:** Net.Data is calling the specified stored procedure

**User Response:** None

---

**DTWQ508I Function <func\_name>: executing  
SQL statement <SQL\_statement>**

**Explanation:** Net.Data is executing the specified SQL statement.

**User Response:** None

---

**DTWQ509I Function <func\_name>: no result  
sets returned**

**Explanation:** Net.Data detected that no result sets were returned from the query or stored procedure call.

**User Response:** None

---

**DTWQ510I Function <func\_name>: <num>  
result sets returned**

**Explanation:** Net.Data received specified number of result sets from stored procedure call.

**User Response:** None

---

**DTWQ511I Function <func\_name>: one or  
more result sets returned**

**Explanation:** Net.Data detected that at least one result set was returned from the query or stored procedure call.

**User Response:** None

---

**DTWQ512I Function <func\_name>: request for  
result set <set\_name> (result set  
<set\_num>)**

**Explanation:** Net.Data detected a request for the result set identified by the specified set name (which is in the specified position).

**User Response:** None

---

**DTWQ513I Function <func\_name>: request for  
result set <set\_num>**

**Explanation:** Net.Data detected a request for the result set in the position specified.

**User Response:** None

---

**DTWQ514I Function <func\_name>: storing  
result set <set\_num> for later**

**Explanation:** Internal message for IBM use.

**User Response:** None

---

**DTWQ515I Function <func\_name>: fetching  
next row from result set**

**Explanation:** Net.Data is fetching the next row from the current result set.

**User Response:** None

---

**DTWQ516I Function <func\_name>: issuing a COMMIT**

**Explanation:** Net.Data is issuing a COMMIT to the database.

**User Response:** None

---

**DTWQ517I Function <func\_name>: issuing a ROLLBACK**

**Explanation:** Net.Data is issuing a ROLLBACK to the database.

**User Response:** None

---

**DTWQ518I Disconnecting from the database**

**Explanation:** Net.Data is disconnecting from the database.

**User Response:** None

---

**DTWQ519I Function <func\_name>: created LOB file <file\_name>**

**Explanation:** Net.Data retrieved a large object from the database and stored it in the specified file.

**User Response:** None

---

**DTWQ520I Function <func\_name>: retrieved row with values:\n<row>**

**Explanation:** Net.Data retrieved the specified row from the database.

**User Response:** None

---

**DTWQ521I An error occurred storing a Web page in the cache; SQLCODE=<sqlcode>, SQLSTATE=<sqlstate>**

**Explanation:** Net.Data encountered an error with the resulting SQLCODE and SQLSTATE, while attempting to store a Web page in the cache.

**User Response:** None

---

---

**DTWQ522I An error occurred retrieving a Web page from the cache; SQLCODE=<sqlcode>, SQLSTATE=<sqlstate>**

**Explanation:** Net.Data encountered an error with the resulting SQLCODE and SQLSTATE, while attempting to retrieve a Web page from the cache.

**User Response:** None

---

**DTWQ523I An error occurred attempting automatic cache management; SQLCODE=<sqlcode>, SQLSTATE=<sqlstate>**

**Explanation:** Net.Data encountered an error with the resulting SQLCODE and SQLSTATE, while attempting automatic cache management.

**User Response:** None

---

**DTWQ524I Function <func\_name>: connection reuse returned with return code <return\_code>, action code 0x<action\_code>, connection handle at 0x<con\_addr>, for subsystem <subsystem\_id>, plan <planname>, using user ID <userid>**

**Explanation:** Internal message for IBM use.

**User Response:** None

---

**DTWQ525I Function <func\_name>: SQLCA at 0x<sqlca\_addr> contains SQLCODE <sqlcode>**

**Explanation:** Internal message for IBM use.

**User Response:** None

---

**DTWQ526I Loading CLI initialization file <file\_name>**

**Explanation:** Net.Data is loading the specified CLI initialization file.

**User Response:** None

---

---

**DTWQ527I Using the default CLI  
initialization file**

**Explanation:** Net.Data did not see that DSNAOINI defined and is connecting to the database through the default CLI initialization file

**User Response:** None

---

**DTWQ528I Using SQL LE built with DB2  
Version 5**

**Explanation:** Net.Data is using the SQL Language Environment that was built for

**User Response:** None

---

**DTWQ529I Using SQL LE built with DB2  
Version 6**

**Explanation:** Net.Data is using the SQL Language Environment that was built for

**User Response:** None

---

**DTWQ530I Function <func\_name>: binding  
<num\_parms> as input to the SQL  
statement**

**Explanation:** Net.Data is assigning the specified number of host variables to the SQL statment.

**User Response:** None

---

**DTWQ531I Function <func\_name>: SQL CLI  
context contains SQLCODE  
'<sqlcode>' after calling '<CLI  
function>'**

**Explanation:** Internal message for IBM use.

**User Response:** None.

---

**DTWS500I Function <func\_name>: executing  
external program <program\_name>**

**Explanation:** The System or Perl Language Environment is invoking the specified external program.

**User Response:** None

---

---

**DTWS501I Function <func\_name>: name of  
file containing output parameters  
from the program to the <LE>  
Language Environment:  
<file\_name>**

**Explanation:** Internal message for IBM use.

**User Response:** None

---

**DTWS502I Function <func\_name>: contents of  
the output parameters  
file:\n<output>**

**Explanation:** Internal message for IBM use.

**User Response:** None

---

**DTWS503I Function <func\_name>: name of  
file containing the standard  
output: <file\_name>**

**Explanation:** Internal message for IBM use.

**User Response:** None

---

**DTWS504I Function <func\_name>: contents of  
the standard output:\n<output>**

**Explanation:** Internal message for IBM use.

**User Response:** None

---

**DTWS505I Function <func\_name>: name of  
script file that invokes the  
program: <file\_name>**

**Explanation:** Internal message for IBM use.

**User Response:** None

---

**DTWS506I Function <func\_name>: contents of  
the invoking script:\n<script>**

**Explanation:** Internal message for IBM use.

**User Response:** None

---

---

**DTWS507I**    **Function <func\_name>: setting environment variable for input parameter**

**Explanation:** Internal message for IBM use.

**User Response:** None

---

**DTWS508I**    **Function <func\_name>: getting an output parameter name: <parm\_name>**

**Explanation:** Internal message for IBM use.

**User Response:** None

---

**DTWS509I**    **Function <func\_name>: getting an output parameter value: <parm\_value>**

**Explanation:** Internal message for IBM use.

**User Response:** None

---

**DTWX500I**    **Function <func\_name>: executing external REXX exec <exec\_name> with command argument list <arg\_list>**

**Explanation:** Net.Data is executing the specified external REXX exec, with the specified argument list.

**User Response:** None

---

**DTWX502I**    **Function <func\_name>: creating REXX environment**

**Explanation:** Net.Data is creating a REXX environment for the REXX interpreter.

**User Response:** None

---

**DTWX503I**    **Function <func\_name>: calling REXX interpreter to process REXX exec**

**Explanation:** Net.Data is invoking the REXX interpreter to process the current REXX exec.

**User Response:** None

---

---

**DTWX504I**    **Function <func\_name>: processing of REXX exec completed**

**Explanation:** The REXX interpreter has completed processing of the REXX exec.

**User Response:** None

---

**DTWX505I**    **Function <func\_name>: REXX environment terminated**

**Explanation:** Net.Data has terminated the REXX environment for the REXX interpreter.

**User Response:** None

---

**DTWX506I**    **Function <func\_name>: processing parameter list**

**Explanation:** Internal message for IBM use.

**User Response:** None

---

**DTWX507I**    **Function <func\_name>: processing REXX exec header and footer**

**Explanation:** Internal message for IBM use.

**User Response:** None

---

**DTWX508I**    **Function <func\_name>: pre-loading REXX exec**

**Explanation:** Internal message for IBM use.

**User Response:** None

---

**DTWX509I**    **Function <func\_name>: processing error message with return code <return\_code>**

**Explanation:** Internal message for IBM use.

**User Response:** None

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## Net.Data Technical Library

The Net.Data Technical Library is available from the Net.Data Web site at <http://www.ibm.com/software/data/net.data/library.html>

| Document  | Description   |
|---|---|
| <ul style="list-style-type: none"><li>• <i>Net.Data Administration and Programming Guide for OS/390</i></li><li>• <i>Net.Data Administration and Programming Guide for OS/2, Windows NT, and UNIX</i></li><li>• <i>Net.Data Administration and Programming Guide for OS/400</i></li></ul> | Contains conceptual and task information about installing, configuring, and invoking Net.Data. Also describes how to write Net.Data macros, use Net.Data performance techniques, use Net.Data language environments, manage connections, and use Net.Data logging and traces for trouble shooting and performance tuning. |
| <i>Net.Data Reference</i>   | Describes the Net.Data macro language, variables, and built-in functions.   |
| <i>Net.Data Language Environment Interface Reference</i>  | Describes the Net.Data language environment interface.  |
| <i>Net.Data Messages and Codes Reference</i>  | Lists Net.Data error messages and return codes.   |



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