IBM

Program Directory for

DB2 UDB for z/OS and OS/390

Query Management Facility

Version 06 Release 01, Modification Level 00

Program Number 5645-DB2

FMID HSQ7710

for Use with
z/OS
OS/390

Document Date: August 2001

GI10-8436-00

> **Note!**
>
> Before using this information and the product it supports, be sure to read the general information under "Notices" on page iv.

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1.0 Introduction

This program directory is intended for the system programmer responsible for program installation and maintenance. It contains information concerning the material and procedures associated with the installation of Query Management Facility for z/OS and OS/390. This publication refers to Query Management Facility for z/OS and OS/390 as QMF for z/OS and OS/390. You should read all of this program directory before installing the program and then keep it for future reference.

The Query Management Facility Version 7 Release 1 product has been shipped to you under DB2 UDB for z/OS and OS/390 Version 6 Release 1 instead of the Query Management Facility Version 6 Release 1 "Buy" feature. This is the fully functional version of QMF 7.1. Please install QMF 7.1 as a new version, per the instructions in this program directory. It is not necessary to install QMF V6 'Try' before installing this QMF V7 tape. However, if you have installed QMF V6 'Try' (HSQ6610) or both QMF V6 'Try' and 'Buy' (HSQ6610 and JSQ6611), you can still install this new QMF V7 (HSQ7710) as a new version.

The program directory contains the following sections:

- 2.0, "Program Materials" on page 3 identifies the basic and optional program materials and documentation for QMF for z/OS and OS/390.

- 3.0, "Program Support" on page 6 describes the IBM support available for QMF for z/OS and OS/390.

- 4.0, "Program and Service Level Information" on page 7 lists the APARs (program level) and PTFs (service level) incorporated into QMF for z/OS and OS/390.

- 5.0, "Installation Requirements and Considerations" on page 8 identifies the resources and considerations for installing and using QMF for z/OS and OS/390.

- 6.0, "Installation Instructions" on page 13 provides detailed installation instructions for QMF for z/OS and OS/390. It also describes the procedures for activating the functions of QMF for z/OS and OS/390, or refers to appropriate publications.

Before installing QMF for z/OS and OS/390, read 3.2, "Preventive Service Planning" on page 6. This section tells you how to find any updates to the information and procedures in this program directory.

Do not use this program directory if you are installing QMF for z/OS and OS/390 with a SystemPac or ServerPac. When using these offerings, use the jobs and documentation supplied with the offering. This documentation may point you to specific sections of the program directory as required.

If you are installing QMF for z/OS and OS/390 using the Custom-Built Product Delivery Offering (CBPDO, 5751-CS3), a softcopy program directory is provided on the CBPDO tape which is identical to the printed copy shipped with your order. Your CBPDO contains a softcopy preventive service planning (PSP) upgrade for this product. All service and HOLDDATA for QMF for z/OS and OS/390 are included on the CBPDO tape.

1.1 QMF for z/OS and OS/390 Description

IBM Query Management Facility (QMF) is a tightly integrated, powerful, and reliable tool that performs query and reporting for IBM's DB2 Relational Database Management System Family. It offers an easy-to-learn interactive interface. Users with little or no data processing experience can easily retrieve, create, update, insert, or delete data that is stored in DB2.

QMF offers a total solution that includes accessing large amounts of data sharing central repositories of queries and enterprise reports. It also allows you to implement tightly-controlled, distributed, or client/server solutions. In addition, you can use QMF to publish reports to the World Wide Web that you can view with your favorite web browser.

1.2 QMF for z/OS and OS/390 FMIDs

QMF for z/OS and OS/390 consists of the following FMID:

HSQ7710

2.0 Program Materials

An IBM program is identified by a program number and a feature number. The program number for QMF for z/OS and OS/390 is 5645-DB2.

Basic Machine-Readable Materials are materials that are supplied under the base license and feature code, and are required for the use of the product. Optional Machine-Readable Materials are orderable under separate feature codes, and are not required for the product to function.

The program announcement material describes the features supported by QMF for z/OS and OS/390. Ask your IBM representative for this information if you have not already received a copy.

2.1 Basic Machine-Readable Material

The distribution medium for this program is magnetic tape or downloadable files. It is installed using SMP/E, and is in SMP/E RELFILE format. See 6.0, "Installation Instructions" on page 13 for more information about how to install the program.

Figure 1 describes the physical tape. Figure 2 describes the file content.

Notes:

1. The data set attributes in these tables should be used in the JCL of jobs reading the data sets, but since the data sets are in IEBCOPY unloaded format, their actual attributes may be different.

2. If you are installing QMF for z/OS and OS/390 using the Custom-Built Product Delivery Offering (CBPDO) (5751-CS3), some of the information in these figures may not be valid. Consult the CBPDO documentation for actual values.

3. If any RELFILEs are identified as PDSEs, ensure that SMPTLIB data sets are allocated as PDSEs.

Figure 1. Basic Material: Program Tape					
Medium	**Feature Number**	**Physical Volume**	**External Label**	**R/M ***	**VOLSER**
6250 tape	6018	1	QMF for OS/390	N	SQ7710
3480 tape	6016	1	QMF for OS/390	N	SQ7710
4mm cart	6017	1	QMF for OS/390	N	SQ7710

 * R/M = Restricted Materials of IBM

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Name	ORG	RECFM	LRECL	BLK SIZE
SMPMCS	SEQ	FB	80	6400
IBM.HSQ7710.F1	PDS	FB	80	8800
IBM.HSQ7710.F2	PDS	U	0	6144
IBM.HSQ7710.F3	PDS	FB	80	8800
IBM.HSQ7710.F4	PDS	FB	80	8800
IBM.HSQ7710.F5	PDS	FB	80	8800

Figure 2. Program File Content

2.2 Optional Machine-Readable Material

No optional machine-readable materials are provided for QMF for z/OS and OS/390.

2.3 Program Publications

The following sections identify the basic and optional publications for QMF for z/OS and OS/390.

2.3.1 Basic Program Publications

Figure 3 identifies the basic unlicensed program publications for QMF for z/OS and OS/390. One copy of each of these publications is included when you order the basic materials for QMF for z/OS and OS/390. For additional copies, contact your IBM representative.

Publication Title	Form Number
Installing and Managing QMF for OS/390	GC27-0719
QMF Messages and Codes	GC27-0717

Figure 3. Basic Material: Unlicensed Publications

2.3.2 Optional Program Publications

No optional publications are provided for QMF for z/OS and OS/390.

2.4 Program Source Materials

No program source materials or viewable program listings are provided for QMF for z/OS and OS/390.

2.5 Publications Useful During Installation

The publications listed in Figure 4 may be useful during the installation of QMF for z/OS and OS/390. To order copies, contact your IBM representative or visit the IBM Publications Center at http://www.elink.ibmlink.ibm.com/ public/applications/publications/cgibin/pbi.cgi on the Internet.

Figure 4. Publications Useful During Installation	
Publication Title	**Form Number**
IBM SMP/E for z/OS User's Guide	SA22-7773
IBM SMP/E for z/OS Commands	SA22-7771
IBM SMP/E for z/OS Reference	SA22-7772
IBM SMP/E for z/OS Messages, Codes, and Diagnosis	GA22-7770
OS/390 SMP/E User's Guide	SC28-1740
OS/390 SMP/E Reference	SC28-1806
OS/390 SMP/E Messages and Codes	SC28-1738

3.0 Program Support

This section describes the IBM support available for QMF for z/OS and OS/390.

3.1 Program Services

Contact your IBM representative for specific information about available program services.

3.2 Preventive Service Planning

Before installing QMF for z/OS and OS/390, you should review the current Preventive Service Planning (PSP) information. If you obtained QMF for z/OS and OS/390 as part of a CBPDO, there is HOLDDATA and PSP information included on the CBPDO.

If you obtained QMF for z/OS and OS/390 on a product tape, or if the CBPDO is more than two weeks old when you install it, you should contact the IBM Support Center or use S/390 SoftwareXcel to obtain the current "PSP Bucket".

For access to RETAIN, visit http://webspinner.boulder.ibm.com/retain on the Internet.

PSP Buckets are identified by UPGRADEs, which specify product levels, and SUBSETs, which specify the FMIDs for a product level. The UPGRADE and SUBSET values for QMF for z/OS and OS/390 are:

Figure 5. PSP Upgrade and Subset ID		
UPGRADE	**SUBSET**	**Description**
DB2610	HSQ7710	QMF for z/OS and OS/390 Version 07

3.3 Statement of Support Procedures

Report any difficulties you have using this program to your IBM Support Center. If an APAR is required, the Support Center will provide the address to which any needed documentation can be sent.

Figure 6 identifies the component IDs (COMPID) for QMF for z/OS and OS/390.

Figure 6. Component IDs			
FMID	**COMPID**	**Component Name**	**RETAIN Release**
HSQ7710	566872101	QMF/390 BASE	710

4.0 Program and Service Level Information

This section identifies the program and any relevant service levels of QMF for z/OS and OS/390. The program level refers to the APAR fixes incorporated into the program. The service level refers to the PTFs integrated.

4.1 Program Level Information

No APARs have been incorporated into QMF for z/OS and OS/390.

4.2 Service Level Information

No PTFs against this release of QMF for z/OS and OS/390 have been incorporated into the product tape.

5.0 Installation Requirements and Considerations

The following sections identify the system requirements for installing and activating QMF for z/OS and OS/390. The following terminology is used:

- *Driving system*: the system used to install the program.

- *Target system*: the system on which the program is installed.

In many cases, the same system can be used as both a driving system and a target system. However, you may want to set up a clone of your system to use as a target system by making a separate IPL-able copy of the running system. The clone should include copies of all system libraries that SMP/E updates, copies of the SMP/E CSI data sets that describe the system libraries, and your PARMLIB and PROCLIB.

Some cases where two systems should be used include the following:

- When installing a new level of a product that is already installed, the new product will delete the old one. By installing onto a separate target system, you can test the new product while still keeping the old one in production.

- When installing a product that shares libraries or load modules with other products, the installation can disrupt the other products. Installing onto a test system or clone will allow you to assess these impacts without disrupting your production system.

5.1 Driving System Requirements

This section describes the environment of the driving system required to install QMF for z/OS and OS/390.

5.1.1 Machine Requirements

The driving system can run in any hardware environment that supports the required software.

5.1.2 Programming Requirements

Figure 7. Driving System Software Requirements	
Program Number	**Product Name and Minimum VRM/Service Level**
Any **one** of the following:	
5647-A01	OS/390 SMP/E Version 2 Release 7 or higher
5694-A01	z/OS Version 1 Release 1 or higher
5655-G44	System Modification Program/Extended Version 3 Release 1 or higher

5.2 Target System Requirements

This section describes the environment of the target system required to install and use QMF for z/OS and OS/390.

QMF for z/OS and OS/390 installs in the DBS (P115) SREL.

5.2.1 Machine Requirements

The target system can run in any hardware environment that supports the required software.

5.2.2 Programming Requirements

5.2.2.1 Mandatory Requisites:
A mandatory requisite is defined as a product that is required without exception; this product either **will not install** or **will not function** unless this requisite is met. This includes products that are specified as REQs or PREs.

Figure 8. Mandatory Requisites	
Program Number	**Product Name and Minimum VRM/Service Level**
5647-A01	OS/390 Version 2 Release 7 Base Services, or higher
5683-083	CICS/ESA Version 3 Release 3 or higher

Note: The CICS requisite is for CICS users only.

5.2.2.2 Functional Requisites:
A functional requisite is defined as a product that is **not** required for the successful installation of this product or for the basic function of the product, but **is** needed at run time for a specific function of this product to work. This includes products that are specified as IF REQs.

Figure 9. Functional Requisites		
Program Number	**Product Name and Minimum VRM/Service Level**	**Function**
5645-DB2	DB2 UDB for OS/390 Version 6	DB2

5.2.2.3 Toleration/Coexistence Requisites:
A toleration/coexistence requisite is defined as a product which must be present on a sharing system. These systems can be other systems in a multisystem environment (not necessarily sysplex), a shared DASD environment (such as test and production), or systems that reuse the same DASD at different time intervals.

QMF for z/OS and OS/390 has no toleration/coexistence requisites.

5.2.2.4 Incompatibility (Negative) Requisites: A negative requisite identifies products which must *not* be installed on the same system as this product.

QMF for z/OS and OS/390 has no negative requisites.

5.2.3 DASD Storage Requirements

QMF for z/OS and OS/390 libraries can reside on all supported DASD types.

Figure 10 lists the total space required for each type of library.

Library Type	Total Space Required
Figure 10. Total DASD Space Required by QMF for z/OS and OS/390	
Target	3785 3390 blocks
Distribution	4945 3390 blocks

Notes:

1. IBM recommends use of system determined block sizes for efficient DASD utilization for all non-RECFM U data sets. For RECFM U data sets, IBM recommends a block size of 32760, which is the most efficient from a performance and DASD utilization perspective.

2. Abbreviations used for the data set type are:

   U   Unique data set, allocated by this product and used only by this product. To determine the correct storage needed for this data set, this table provides all required information; no other tables (or program directories) need to be referenced for the data set size.

   S   Shared data set, allocated by this product and used by this product and others. To determine the correct storage needed for this data set, the storage size given in this table needs to be added to other tables (perhaps in other program directories). If the data set already exists, it must have enough free space to accommodate the storage size given in this table.

   E   Existing shared data set, used by this product and others. This data set is NOT allocated by this product. To determine the correct storage needed for this data set, the storage size given in this table needs to be added to other tables (perhaps in other program directories). This existing data set must have enough free space to accommodate the storage size given in this table.

If you currently have a previous release of this product installed in these libraries, the installation of this release will delete the old one and reclaim the space used by the old release and any service that had been installed. You can determine whether or not these libraries have enough space by deleting the old release with a dummy function, compressing the libraries, and comparing the space requirements with the free space in the libraries.

For more information on the names and sizes of the required data sets, please refer to 6.1.6, "Allocate SMP/E Target and Distribution Libraries and Paths" on page 15.

3. All target and distribution libraries listed have the following attributes:

  - The default name of the data set may be changed
  - The default block size of the data set may be changed
  - The data set may be merged with another data set that has equivalent characteristics
  - The data set may be either a PDS or a PDSE

4. All target libraries listed have the following attributes:

  - The data set may be SMS managed
  - It is not required for the data set to be SMS managed
  - It is not required for the data set to reside on the IPL volume
  - The values in the "Member Type" column are not necessarily the actual SMP/E element types identified in the SMPMCS.

5. All target libraries listed which contain load modules have the following attributes:

  - The data set may be in the LPA
  - It is not required for the data set to be in the LPA
  - The data set may be in the LNKLST
  - It is not required for the data set to be APF authorized

The following figures describe the target and distribution libraries required to install QMF for z/OS and OS/390. The storage requirements of QMF for z/OS and OS/390 must be added to the storage required by other programs having data in the same library or path.

Note: The data in these tables should be used when determining which libraries can be merged into common data sets. In addition, since some ALIAS names may not be unique, ensure that no naming conflicts will be introduced before merging libraries.

Figure 11. Storage Requirements for QMF for z/OS and OS/390 Target Libraries								
Library DDNAME	Member Type	Target Volume	TYPE	ORG	RECFM	LRECL	No. of 3390 Trks	No. of DIR Blks
SDSQLOAD	LMOD	any	U	PDS	U	0	207	30
SDSQSAPE	Sample	any	U	PDS	FB	80	214	30
SDSQDBRM	Macro	any	U	PDS	FB	80	11	10
SDSQPLBE	Panel	any	U	PDS	FB	80	13	15
SDSQCLTE	CLIST	any	U	PDS	FB	80	51	10
SDSQSLBE	Skeleton	any	U	PDS	FB	80	14	10
SDSQMLBE	Message	any	U	PDS	FB	80	14	10
SDSQEXCE	EXEC	any	U	PDS	FB	80	14	10
SDSQUSRE	Sample	any	U	PDS	FB	80	31	10

	T Y P E	O R G	R E C F M	L R E C L	No. of 3390 Trks	No. of DIR Blks
Figure 12. Storage Requirements for QMF for z/OS and OS/390 Distribution Libraries						
Library DDNAME						
ADSQOBJ	U	PDS	U	0	329	150
ADSQMACE	U	PDS	FB	80	368	30
ADSQDBMD	U	PDS	FB	80	12	10
ADSQPMSE	U	PDS	FB	80	14	15

The following figures list data sets that are not used by SMP/E, but are required for QMF for z/OS and OS/390 to execute.

	T Y P E	O R G	R E C F M	L R E C L	No. of 3390 Trks	No. of DIR Blks
Figure 13. Storage Requirements for QMF for z/OS and OS/390 Non-SMP/E Data Sets						
Data Set Name						
DSQCHART	U	PDS	FB	400	3	10
DSQMAPE	U	PDS	FB	400	6	10
DSQPVARE	U	SEQ	V	32756	90	-
DSQPNLE	U	VSAM	V	32756	135	-

5.3 FMIDs Deleted

Installing QMF for z/OS and OS/390 may result in the deletion of other FMIDs. To see what FMIDs will be deleted, examine the ++VER statement in the product's SMPMCS.

If you do not wish to delete these FMIDs at this time, you must install QMF for z/OS and OS/390 into separate SMP/E target and distribution zones.

Note: These FMIDs will not automatically be deleted from the Global Zone. Consult the SMP/E manuals for instructions on how to do this.

5.4 Special Considerations

QMF for z/OS and OS/390 has no special considerations for the target system.

6.0 Installation Instructions

This chapter describes the installation method and the step-by-step procedures to install and to activate the functions of QMF for z/OS and OS/390.

Please note the following:

- If you want to install QMF for z/OS and OS/390 into its own SMP/E environment, consult the SMP/E manuals for instructions on creating and initializing the SMPCSI and the SMP/E control data sets.

- Sample jobs have been provided to help perform some or all of the installation tasks. The SMP/E jobs assume that all DDDEF entries required for SMP/E execution have been defined in the appropriate zones.

- The SMP/E dialogs may be used instead of the sample jobs to accomplish the SMP/E installation steps.

6.1 Installing QMF for z/OS and OS/390

6.1.1 SMP/E Considerations for Installing QMF for z/OS and OS/390

This release of QMF for z/OS and OS/390 is installed using the SMP/E RECEIVE, APPLY, and ACCEPT commands. The SMP/E dialogs may be used to accomplish the SMP/E installation steps.

6.1.2 SMP/E Options Subentry Values

The recommended values for some SMP/E CSI subentries are shown in Figure 14. Use of values lower than these may result in failures in the installation process. DSSPACE is a subentry in the GLOBAL options entry. PEMAX is a subentry of the GENERAL entry in the GLOBAL options entry. Refer to the SMP/E manuals for instructions on updating the global zone.

SUB-ENTRY	Value	Comment
Figure 14. SMP/E Options Subentry Values		
DSSPACE	(210,210,520)	3390 DASD tracks
PEMAX	SMP/E Default	IBM recommends using the SMP/E default for PEMAX.

6.1.3 SMP/E CALLLIBS Processing

QMF for z/OS and OS/390 uses the CALLLIBS function provided in SMP/E to resolve external references during installation. When QMF for z/OS and OS/390 is installed, ensure that DDDEFs exist for the following libraries:

- SDFHLOAD
- SDSQLOAD

Note: The DDDEFs above are used only to resolve the link-edit for QMF for z/OS and OS/390 using CALLLIBS. These data sets are not updated during the installation of QMF for z/OS and OS/390.

6.1.4 Sample Jobs

The following sample installation jobs are provided as part of the product to help you install QMF for z/OS and OS/390:

Figure 15. Sample Installation Jobs

Job Name	Job Type	Description	RELFILE
DSQ1EJRC	RECEIVE	Sample RECEIVE job	IBM.HSQ7710.F3
DSQ1EJAL	ALLOCATE	Sample job to allocate target and distribution libraries	IBM.HSQ7710.F3
DSQ1EDEF	DDDEF	Sample job to define SMP/E DDDEFs	IBM.HSQ7710.F3
DSQ1EJAP	APPLY	Sample APPLY job	IBM.HSQ7710.F3
DSQ1EJAC	ACCEPT	Sample ACCEPT job	IBM.HSQ7710.F3

You may copy the jobs from the tape or product files by submitting the job below. Use either the //TAPEIN or the //FILEIN DD statement, depending on your distribution medium, and comment out or delete the other statement. Add a job card and change the lowercase parameters to uppercase values to meet your site's requirements before submitting.

```
//STEP1    EXEC PGM=IEBCOPY
//SYSPRINT DD SYSOUT=*
//TAPEIN   DD DSN=IBM.HSQ7710.F3, UNIT=tunit,VOL=SER=SQ7710,
//         LABEL=(4,SL),DISP=(OLD,KEEP)
//*FILEIN  DD DSN=IBM.HSQ7710.F3,UNIT=SYSALLDA,DISP=SHR,
//*        VOL=SER=filevol
//OUT      DD DSNAME=jcl-library-name,
//         DISP=(NEW,CATLG,DELETE),
//         VOL=SER=dasdvol,UNIT=SYSALLDA,
//         SPACE=(8800,(15,10,5))
//SYSUT3   DD UNIT=SYSALLDA,SPACE=(CYL,(1,1))
//SYSIN    DD *
   COPY INDD=indd,OUTDD=OUT
```

```
     SELECT MEMBER=(DSQ1EJRC,DSQ1EJAL,DSQ1EDEF,DSQ1EJAP,DSQ1EJAC)
/*
```

where **tunit** is the unit value matching the product tape, **filevol** is the volume serial of the DASD device where the downloaded files reside, **jcl-library-name** is the name of the output data set where the sample jobs will be stored, and **dasdvol** is the volume serial of the DASD device where the output data set will reside, and **indd** is the DD name of the input data set (TAPEIN or FILEIN).

You can also access the sample installation jobs by performing an SMP/E RECEIVE and then copying the jobs from the SMPTLIBs to a work data set for editing and submission. See Figure 15 on page 14 to find the appropriate SMPTLIB data set.

6.1.5 Perform SMP/E RECEIVE

Edit and submit sample job DSQ1EJRC to perform the SMP/E RECEIVE for QMF for z/OS and OS/390. Consult the instructions in the sample job for more information.

NOTE: If you obtained QMF for z/OS and OS/390 as part of a CBPDO, you can use the RCVPDO job found in the CBPDO RIMLIB data set to RECEIVE the QMF for z/OS and OS/390 FMIDs as well as any service, HOLDDATA, or preventive service planning (PSP) information included on the CBPDO tape. For more information, refer to the documentation included with the CBPDO.

Expected Return Codes and Messages: You will get a condition code of 0 if the job runs correctly.

6.1.6 Allocate SMP/E Target and Distribution Libraries and Paths

Edit and submit sample job DSQ1EJAL to allocate the SMP/E target and distribution libraries for QMF for z/OS and OS/390. Consult the instructions in the sample job for more information.

Expected Return Codes and Messages: You will get a condition code of 0 if the job runs correctly.

6.1.7 Create DDDEF Entries

Edit and submit sample job DSQ1EDEF to create DDDEF entries for the SMP/E target and distribution libraries for QMF for z/OS and OS/390. Consult the instructions in the sample job for more information.

Expected Return Codes and Messages: You will get a condition code of 0 if the job runs correctly.

6.1.8 Perform SMP/E APPLY

Edit and submit sample job DSQ1EJAP to perform an SMP/E APPLY CHECK for QMF for z/OS and OS/390. Consult the instructions in the sample job for more information.

To receive the full benefit of the SMP/E Causer SYSMOD Summary Report, do *not* bypass the following on the APPLY CHECK: PRE, ID, REQ, and IFREQ. This is because the SMP/E root cause analysis

identifies the cause only of **ERRORS** and not of **WARNINGS** (SYSMODs that are bypassed are treated as warnings, not errors, by SMP/E).

Once you have taken any actions indicated by the APPLY CHECK, remove the CHECK operand and run the job again to perform the APPLY.

Note: The GROUPEXTEND operand indicates that SMP/E apply all requisite SYSMODs. The requisite SYSMODS might be applicable to other functions.

Expected Return Codes and Messages from APPLY CHECK: You will get a condition code of 0 if the job runs correctly.

Expected Return Codes and Messages from APPLY: You will get a condition code of 4 if the job runs correctly.
Message **IEW2454W** issued during the APPLY run can be ignored. You will also receive messages like the following on the internal LINK-EDIT processing.

 GIM23913W LINK-EDIT PROCESSING FOR SYSMOD HSQ7710 WAS
     SUCCESSFUL FOR MODULE DSQCABND IN LMOD DSQQMF IN THE SDSQLOAD
     LIBRARY. THE RETURN CODE WAS 04.

6.1.9 Perform SMP/E ACCEPT

Edit and submit sample job DSQ1EJAC to perform an SMP/E ACCEPT CHECK for QMF for z/OS and OS/390. Consult the instructions in the sample job for more information.

To receive the full benefit of the SMP/E Causer SYSMOD Summary Report, do *not* bypass the following on the ACCEPT CHECK: PRE, ID, REQ, and IFREQ. This is because the SMP/E root cause analysis identifies the cause only of **ERRORS** and not of **WARNINGS** (SYSMODs that are bypassed are treated as warnings, not errors, by SMP/E).

Before using SMP/E to load new distribution libraries, it is recommended that you set the ACCJCLIN indicator in the distribution zone. This will cause entries produced from JCLIN to be saved in the distribution zone whenever a SYSMOD containing inline JCLIN is ACCEPTed. For more information on the ACCJCLIN indicator, see the description of inline JCLIN in the SMP/E manuals.

Once you have taken any actions indicated by the ACCEPT CHECK, remove the CHECK operand and run the job again to perform the ACCEPT.

Note: The GROUPEXTEND operand indicates that SMP/E accept all requisite SYSMODs. The requisite SYSMODS might be applicable to other functions.

Expected Return Codes and Messages from ACCEPT CHECK: You will get a condition code of 0 if the job runs correctly.

Expected Return Codes and Messages from ACCEPT: You will get a condition code of 0 if the job runs correctly.

If PTFs containing replacement modules are being ACCEPTed, SMP/E ACCEPT processing will linkedit/bind the modules into the distribution libraries. During this processing, the Linkage Editor or Binder may issue messages documenting unresolved external references, resulting in a return code of 4 from the ACCEPT step. These messages can be ignored, because the distribution libraries are not executable and the unresolved external references will not affect the executable system libraries.

6.2 Activating QMF for z/OS and OS/390

The publication *Installing and Managing QMF for OS/390, GC27-0719-00* contains the step-by-step procedures to activate the functions of QMF for z/OS and OS/390.

Reader's Comments

Program Directory for Query Management Facility for z/OS and OS/390 August 2001

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	Satisfaction					
Ease of product installation	1	2	3	4	5	N
Contents of program directory	1	2	3	4	5	N
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Accuracy of the definition of the installation tasks	1	2	3	4	5	N
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Ease of getting the system into production after installation	1	2	3	4	5	N

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