

# **Program Directory for REXX SQL for VM/ESA**

Version 6 Release 1, Modification Level 0

Program Number 5648-A70

for Use with  
VM/ESA

Document Date: December 1998

GI10-4955-00

**Note!**

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

This program directory, dated December 1998, applies to DB2 REXX SQL Version 6 (DB2 REXX SQL) Release 1, Modification Level 0 , Program Number 5648-A70 for the following:

<b>COMPIDs</b>	<b>Feature Numbers</b>	<b>System Name</b>
5648A7002	6799	VM/ESA
5648A7002	6800	VM/ESA
5648A7002	6875	VM/ESA
5648A7002	6876	VM/ESA

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None



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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 DB2 REXX SQL. You should read all of this program directory before installing the program and then keep it for future reference.

The program directory contains the following sections:

2.0, "Program Materials" on page 2 identifies the basic and optional program materials and documentation for DB2 REXX SQL.

3.0, "Program Support" on page 5 describes the IBM support available for DB2 REXX SQL.

4.0, "Program and Service Level Information" on page 6 lists the APARs (program level) and PTFs (service level) incorporated into DB2 REXX SQL.

5.0, "Installation Requirements and Considerations" on page 7 identifies the resources and considerations for installing and using DB2 REXX SQL.

6.0, "Installation Instructions" on page 10 provides detailed installation instructions for DB2 REXX SQL.

7.0, "Service Instructions" on page 11 provides detailed servicing instructions for DB2 REXX SQL.

Before installing DB2 REXX SQL, read 3.1, "Preventive Service Planning" on page 5. This section tells you how to find any updates to the information and procedures in this program directory. You should also review the DB2 REXX SQL Memo to Users and the *DB2 REXX SQL for VM/ESA Installation* manual, GC09-2660.

The Memo to Users is supplied on Tape File 2 and is called I5648ELO MEMO.

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## 2.0 Program Materials

An IBM program is identified by a program number and a feature code. The program number for DB2 REXX SQL is 5648-A70.

The program announcement material describes the features supported by DB2 REXX SQL. Ask your IBM marketing representative for this information if you have not already received a copy.

The following sections identify:

- The basic and optional program materials available with this program
- Publications useful during installation

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### 2.1 Basic Machine-Readable Material

The distribution medium for this program is 9-track magnetic tape (written at 6250 BPI), 3480 cartridge, 1/4-inch tape cartridge, or 4mm tape cartridge. The tape or cartridge contains all the programs and data needed for installation. DB2 REXX SQL is installed using the ELOINLS EXEC. See 6.0, "Installation Instructions" on page 10 for more information about how to install the program. Figure 1 describes the tape or cartridge. Figure 2 describes the file content of the program tape or cartridge.

**Note:** The program tape and cartridge contain "Restricted Materials of IBM."

*Figure 1. Basic Material: Program Tape*

Feature Number	Medium	Physical Volume	Tape Content	External Tape Label
6799	6250 tape	1	REXX SQL for VM	REXX SQL for VM V6
6800	3480 cart.	1	REXX SQL for VM	REXX SQL for VM V6
6875	1/4 inch cart.	1	REXX SQL for VM	REXX SQL for VM V6
6876	4mm cart.	1	REXX SQL for VM	REXX SQL for VM V6

*Figure 2 (Page 1 of 2). Program Tape: File Content*

Tape File	Content	Number of Files
1	Installation EXECs and message repository	10



Figure 2 (Page 2 of 2). Program Tape: File Content

<b>Tape File</b>	<b>Content</b>	<b>Number of Files</b>
2	Memo to Users	1
3	Executable product code files	30
4	Supplementary Service files	138
5	Upper Case English Help	10
6	NLS exec and macro	2
7	French Help	10
8	NLS exec and macro	2
9	Japanese Help	10
10	NLS exec and macro	2
11	Simplified Chinese Help	10
12	NLS exec and macro	2

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## 2.2 Optional Machine-Readable Material

DB2 REXX SQL messages and HELP text can also be ordered in several national languages. Some of the languages supported by DB2 REXX SQL may not be available in your country. Basic support of DB2 REXX SQL is in mixed-case English. Ask your IBM marketing representative for information on national language support available in your country.

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## 2.3 Program Publications

The following sections identify the basic and optional publications for DB2 REXX SQL.

### 2.3.1 Basic Program Publications

Figure 3. Basic Material: Unlicensed Publications

<b>Publication Title</b>	<b>Form Number</b>
DB2 REXX SQL for VM/ESA Installation	GC09-2660

### 2.3.2 Optional Program Publications

There are no optional publications for DB2 REXX SQL.

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## 2.4 Program Source Materials

Microfiche program listings are not provided with DB2 REXX SQL. Customers with access to View Program Listings (VPL), such as through SoftwareXcel Extended, can access program listings formerly provided through microfiche.

Those customers without access to VPL can contact their IBM representative.

The VPL facility provides online viewing of program listings that are available to customers.

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## 2.5 Publications Useful During Installation

You can find a list of related publications in *DB2 REXX SQL for VM/ESA Installation*, GC09-2660.

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## 3.0 Program Support

This section describes the IBM support available for DB2 REXX SQL.

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### 3.1 Preventive Service Planning

Before installing DB2 REXX SQL, check with your IBM Support Center or use either Information/Access or IBMLink (Service Link) to see whether there is additional Preventive Service Planning (PSP) information that you should know. To obtain this information, specify the following UPGRADE and SUBSET values:

*Figure 4. PSP Upgrade and Subset ID*

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<b>Retain</b>			
<b>COMPID</b>	<b>Release</b>	<b>Upgrade</b>	<b>Subset</b>
5648A7002	610	DB2VSEVM610	RXSQL

If you have received DB2 REXX SQL only from IBM Software Distribution, then before installing DB2 REXX SQL, you should also check with your IBM Support Center or use either Information/Access or SoftwareXcel Extended to see if there is additional PSP information that you should know.

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### 3.2 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 5 identifies the component IDs (COMPID), Retain Release and Field Engineering Service Numbers (FESN) for DB2 REXX SQL.

*Figure 5. Component IDs*

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<b>Retain</b>			
<b>COMPID</b>	<b>Release</b>	<b>Component Name</b>	<b>FESN</b>
5648A7002	610	REXX SQL for VM	0401436

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## **4.0 Program and Service Level Information**

This section identifies the program and any relevant service levels of DB2 REXX SQL. The program level refers to the APAR fixes incorporated into the program. The service level refers to the PTFs integrated. Information about the cumulative service tape is also provided.

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### **4.1 Program Level Information**

The new version of DB2 REXX SQL for VM has incorporated all closed APARs from previous versions/releases at the time of this product GA.

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### **4.2 Service Level Information**

Check the DB2VSEVM610 PSP bucket for any additional PTFs that should be installed or additional install information.

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### **4.3 Cumulative Service Tape**

There is no cumulative service tape for DB2 REXX SQL.

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## 5.0 Installation Requirements and Considerations

The following sections identify the system requirements for installing and activating DB2 REXX SQL. In most cases, you can install DB2 REXX SQL on a running system (target system). However, sometimes two systems may be required. If two systems are required, then the following terminology is used:

1. The system used to install the program (driving system)
2. The system on which the program is installed (target system).

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### 5.1 Driving System Requirements

This section describes the environment of the driving system required to install DB2 REXX SQL.

#### 5.1.1 Programming Requirements

The DB2 REXX SQL installation process for VM/ESA assumes that VMFPLC2 or its equivalent is used to transfer the distribution tape files to any Direct Access Storage Device (DASD) supported by VM/ESA. The *VM/ESA CMS Command Reference* describes VMFPLC2. The installation of the DB2 REXX SQL distribution tape is supported by an IBM-supplied EXEC.

#### 5.1.2 DASD Storage Requirements

DASD storage requirements are described in detail in the *DB2 REXX SQL for VM/ESA Installation* manual, GC09-2660

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### 5.2 Target System Requirements

This section describes the environment of the target system required to install and use DB2 REXX SQL.

#### 5.2.1 Operating System Requirements

DB2 REXX SQL operates under the VM/ESA Version 2 Release 2 operating system.

#### 5.2.2 Machine Requirements

There are no special machine requirements for the target system.

### 5.2.3 Programming Requirements

It is assumed that DB2 Server for VM Version 6 has already been installed and verified, thereby creating an DB2 for VM database virtual machine, DB2 for VM production and service minidisks or Shared File System (SFS) directories, and a user virtual machine. The instructions provided in the *DB2 REXX SQL for VM/ESA Installation* manual, GC09-2660, are based on the recommended installation procedures for DB2 for VM. If DB2 for VM was not installed using defaults, you may need to substitute machine names, virtual addresses, or SFS directory names to install DB2 REXX SQL.

### 5.2.4 DASD Storage Requirements

DASD storage requirements are described in detail in the *DB2 REXX SQL for VM/ESA Installation* manual, GC09-2660.

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## 5.3 Program Considerations

There are no program, system, or special considerations for

### 5.3.1 Operating System Requirements

The VM/ESA Release 2 Version 2 or later operating system is used to install DB2 REXX SQL.

### 5.3.2 Machine Requirements

There are no special machine requirements for the driving system.

### 5.3.3 Programming Considerations

There are no programming considerations for DB2 REXX SQL.

### 5.3.4 System Considerations

There are no system considerations for DB2 REXX SQL.

### 5.3.5 Special Considerations

DB2 REXX SQL uses the CMS Message repository for storing its error messages. Consequently, you must issue the following CMS command before running any DB2 REXX SQL EXECs:

```
SET LANG AMENG (ADD ELO USER
```

You may include the SET LANGUAGE command in your PROFILE EXEC. This SET LANGUAGE command must be issued after the linking or accessing to the DB2 REXX SQL production minidisk or SFS directory. This is valid for an American English installation.

For any other language you must replace AMENG with the appropriate language identifier. Eg. You would enter

```
SET LANG UCENG (ADD ELO USER
```

to set the default language to UCENG. Please follow the instructions in Chapter 3 of the *DB2 REXX SQL for VM/ESA Installation* manual, GC09-2660 for more details on NLS installation.

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## 6.0 Installation Instructions

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### 6.1 Installing DB2 REXX SQL

#### 6.1.1 Overview

For an installation overview, refer to the checklists in the *DB2 REXX SQL for VM/ESA Installation* manual, GC09-2660.

After proper installation of DB2 REXX SQL, a standard return code of 888 is returned. The DB2 REXX SQL distribution tape is positioned at the tape mark following the end of the last DB2 REXX SQL file on Tape File 12. See the *DB2 REXX SQL for VM/ESA Installation* manual, GC09-2660, for instructions on verification.

During execution of the installation EXEC (I5648ELO), you cannot override the default minidisk passwords with a blank password.

If you are prompted for a new password, you must enter a nonblank password to change the default. Pressing Enter or entering a blank password indicates that you are accepting the default.

If you do not use passwords for minidisks, press Enter to accept the default password. The default value will be shown again for verification. Access the default. The minidisk link and access will be done.

#### 6.1.2 General Comments

Once the installation process has been completed (I5648ELO, ELOAMOD, and ELOHLPD) and the verification has been done, you can copy the DB2 REXX SQL production files to another minidisk or SFS directory if you so choose. All files from the production minidisk or SFS directory should be copied. If you do decide to copy the production files to another minidisk or SFS directory, it is recommended that you use the minidisks or SFS directories that you used for installation for any corrective or preventive service. After the servicing is complete, you can recopy the serviced production files.



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## 7.0 Service Instructions

Details of the service instructions for DB2 REXX SQL can be found in *DB2 REXX SQL for VM/ESA Installation* manual, GC09-2660.

# Reader's Comments

## Program Directory for DB2 REXX SQL Version 6 Release 1, Modification Level 0

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RATING SCALE						
very satisfied	<=====				=====	very dissatisfied
1	2	3	4	5		not applicable N

	Satisfaction					
	1	2	3	4	5	N
Ease of product installation						
Contents of program directory						
Installation Verification Programs						
Time to install the product						
Readability and organization of program directory tasks						
Necessity of all installation tasks						
Accuracy of the definition of the installation tasks						
Technical level of the installation tasks						
Ease of getting the system into production after installation						

Did you order this product as an independent product or as part of a package?

- Independent
- Package

If this product was ordered as part of a package, what type of package was ordered?

- CustomPac
  - FunctionPac
  - SystemPac
- System Delivery Offering (SDO)
- Other - Please specify type: . . . . .

Is this the first time your organization has installed this product?

- Yes



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