



CHAPTER

4

Working with Repositories

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What Is the Common Metadata Repository?

Starting with Version 7 of the SAS System, the SAS/EIS metabase facility has been converted to the new Common Metadata Repository. The Common Metadata Repository is a general-purpose metadata management facility that provides common metadata services to different SAS/EIS applications. The Common Metadata Repository enables SAS/EIS software to share metadata with other SAS System products. Although the underlying data storage scheme in the Common Metadata Repository is different from that in the SAS/EIS metabase facility, the metabase facility interface has only a few minor changes, including the following:

- Metabase registrations are contained in a repository.
- There is at most one repository per path.
- Repositories are managed by a Repository Manager.

See the online Help for complete information on using the Common Metadata Repository and the SAS/EIS Metabase facility.

If you are moving from Version 6 of SAS/EIS software to a later release, you can use the Common Metadata Repository after performing a one-time setup and conversion. Complete all of the steps in the following sections before you attempt to use SAS/EIS software.

Note: You must have write access to the SASHELP directory to complete the steps in the sections below.

Specifying the System Repository Manager Location

Follow the steps below to specify the location of the system repository manager.

- 1 Create a directory that will be dedicated exclusively to the storage of repository manager files, for example:

PC users:
!SASROOT\RPOSMGR

Unix users:
 !SASROOT/RPOSMGR

VMS users:
 !SASSROOT:[RPOSMGR]

This directory should not be used to store other SAS files.

Note: This system repository manager path will be used later in this chapter. △

- 2 Type **REGEDIT** at a SAS command line. From the menu bar, select

Tools ► **Options** ► **Registry Editor**

to open the Registry Editor Options window. In the Select Registry View region, select the **view All** check box and then select

OK

From the menu bar, select

File ► **Close**

to close the Registry Editor window.

- 3 Type **REGEDIT** again at a SAS command line. Under the **HKEY_SYSTEM_ROOT** tree, expand **CORE** and **REPOSITORY**. Select the **REPOSITORY_MGR** node. From the menu bar, select

Tools ► **Options** ► **Registry Editor**

Select **Open HKEY_SYSTEM_ROOT for write access**. Then select **OK**.

- 4 Select the **Path** item in the right window. From the pop-up menu, select **Modify**. Type the path from Step 1, above; for example, type **!SASROOT\RPOSMGR**. Select **OK** to close the Edit String Value window. From the menu bar, select

File ► **Close**

to close the Registry Editor window and to save the changes.

Setting Up the System Repository Manager Files

Complete the following steps to set up the necessary system repository manager files:

- 1 At a SAS command line, type **REPOSMGR** and then select **Setup Repository Manager**.
- 2 In the Repository Manager Setup window, verify that the path is the System Repository Manager path, which you specified in Step 1, above, and then select **OK**.
- 3 In the Installation Warning window, select **Yes** to generate the necessary repository manager files.

You have now completed setup for the System Repository Manager. You can create additional repository managers (a user repository manager, for example) by repeating the steps above and by using a different path.

Setting Up the SASHELP Repository

Complete the following steps to set up the SASHELP repository used by the Report Gallery templates:

- 1 At a SAS command line, type **REPOSMGR** and then select **Repository Registration**.
- 2 In the Repository Registration window, select **New**.
- 3 In the Register Repository (New) window, type **SASHELP** (in uppercase) in the Repository field, and then type the full directory path where the EIS catalog is located in the Path field, for example:

PC users:

!SASROOT\EIS\SASHELP

Unix users:

!SASROOT/sashelp

VMS users:

!SAS\$ROOT:[HELP]

In the Description field, you can type any character string (for example, SASHELP Repository). Select **OK** to close the Register Repository (New) window. Select **Close** to exit the Repository Registration window.

Note: Repositories cannot span multiple directories because the path cannot contain concatenated directories. If you have existing metabases in concatenated directories, you should copy the metabases to a single path that will be referenced as a repository. △

Converting Existing SAS/EIS Metabases

Before you can use an existing SAS/EIS metabase registration, you must convert it to the new Common Metadata Repository format. You must convert all metabases in a single path into a single repository. For example, if you have two legacy metabases, each with 5 registrations, after the conversion, you will have 10 registrations in a repository. To convert an existing SAS/EIS metabase or metabases, follow these steps:

- 1 In the EIS Main Menu, select **Metabase** to open the Metabase window.
- 2 In the Metabase window, select

Edit ► **Convert**

to open the Convert Metabases window.

- 3 Select the metabase(s) that you want to convert, and then select **OK**. All of the metabases that you selected will be converted.

Note: If you try to access a legacy metabase registration, you will be prompted to convert it. △

For additional information on moving from Version 6 SAS/EIS to Version 7, refer to the online Help for SAS/EIS software.

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