

IBM Sterling Gentran:Realtime
for z/OS

Obtaining the Current JCL Library

Release 6.6



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Obtaining the Current JCL Library for Sterling Gentran:Realtime

Introduction

The IBM® Sterling Gentran:Realtime® for z/OS® JCL library is part of the product package that was unloaded during the initial installation process. Optionally, the Current JCL library is available on the Internet from the IBM® Sterling Customer Center website as an individual download.

This allows you to obtain current, unmodified JCL members without uploading other installation files. For example, you might need a current JCL member if you no longer have the unmodified job available.

This document provides step-by-step instructions to install the Sterling Gentran:Realtime Current JCL library

Note: This is an optional process that only needs to be performed if you wish to access the most current, unmodified JCL members. The resulting output file is equivalent to unloading the product JCL library and applying JCL fixes.

Here is a listing that shows the three different JCL libraries that you may have installed on your system. (The names may have been altered during installation.)

GENTRAN.V6X6.RTE.JCL	This library is created during installation. It does not include JCL updates that may have been made after the product was first released. (This is the only required JCL library.)
GENTRAN.V6X6.RTE.JCL.FIX	This optional library is created as part of the fix update process. It contains only JCL members that have changed since the product was released. If no JCL changes have been released, it is possible that there may not be any members in this data set.
GENTRAN.V6X6.RTE.JCL.CURRENT	The following process creates this library, which is a current combination of the original and fix JCL libraries. You only need to perform this process if you want access to the most current, unmodified JCL.

JCL library name	Include all members?	Include updated members?
GENTRAN.V6X6.RTE.JCL	Yes	No
GENTRAN.V6X6.RTE.JCL.FIX	No	Yes
GENTRAN.V6X6.RTE.JCL.CURRENT	Yes	Yes.

Procedure

Step 1 Download the Current JCL package from the Internet

Check the box next to each task as you complete it.

- Download the appropriate Current JCL package from the Sterling Customer Center and save it to your PC.
- Locate the file **Realtime_6.6_Current_Jcl.zip** on your PC. This is the file you downloaded from the Internet.
- Decompress **Realtime_6.6_Current_Jcl.zip**. This creates **Realtime_6.6_Current_Jcl.exe**, which is a self-extracting .zip file that contains the Sterling Gentran:Realtime Current JCL files.
- Double-click the file name to extract the files onto the local hard disk on your PC. A system message prompts you with a default folder name to which the system will save the files it extracts. If you want to select a different location, change the default folder name to your desired location in this system message.
- At the completion of the process, note the file location. The folder should contain the following files::

File	Description
PCRTEJCL	The Sterling Gentran:Realtime Current JCL file
PCRTEJC1.TXT	The JCL to allocate the target Current JCL file
PCRTEJC2.TXT	The JCL to build the Current JCL library

Completed by: _____

Date: _____ Time: _____

Step 2

Upload the Current JCL package jobs to your mainframe.

You must upload two JCL jobs that are needed to build the Current JCL library on your mainframe.

Check the box next to each task as you complete it.

- Perform the upload manually from your PC, using FTP configured in ASCII data transfer mode. The files to be uploaded are:

File	Description
PCRTEJC1.TXT	The JCL to allocate the target Current JCL file
PCRTEJC2.TXT	The JCL to build the Current JCL library

- Choose target file names that are appropriate for your installation requirements.

Completed by: _____

Date: _____ **Time:** _____

Step 3

Allocate the Current JCL sequential target file on your mainframe.

Before you can upload the Sterling Gentran:Realtime Current JCL sequential file to your mainframe, the target file must be pre-allocated by this step.

Check the box next to each task as you complete it.

- Customize JCL member PCRTEJC1 that you uploaded in Step 2.
- Change the data set names as required by your installation. Change only the first two index levels (GENTRAN.V6X6).
- Read the comments within the JCL and follow any additional instructions.
- Submit the job and verify the job results. You should never receive a return code greater than 0.

Completed by: _____

Date: _____ **Time:** _____

Step 4 Upload the Sterling Gentran:Realtime Current JCL sequential target file from your PC to your mainframe.

Check the box next to each task as you complete it.

- Perform the upload manually from your PC using FTP configured in BINARY data transfer mode. The target file on the mainframe must be the file that you allocated in the previous step (GENTRAN.V6X6.RTE.UPLOAD.PCJCL). The file to be uploaded is:

File	Description
PCRTEJCL	The Sterling Gentran:Realtime Current JCL file

- At the completion of the upload, verify the integrity of the file on the mainframe by looking for the following:
 - Column 2 of the first record in the file should begin with the value **\INMR01**.
 - The number of bytes transferred should match the size of the source file.

Note: If neither of these is true, or the entire file is unreadable, verify that your FTP session was configured in BINARY data transfer mode. Using an incorrect transfer configuration is the most common cause of upload problems.
- If the file is not acceptable, perform the upload process again and verify the integrity of the uploaded file again until it is acceptable

Completed by: _____

Date: _____ **Time:** _____

Step 5 Build the Sterling Gentran:Realtime Current JCL library on your mainframe.

This step reads the Sterling Gentran:Realtime Current JCL sequential target file that you uploaded in Step 4 and creates the Current JCL library.

The following table lists the data set that will be created.

File	Description
GENTRAN.V6X6.RTE.JCL.CURRENT	This library contains a current combination of the original and fix JCL libraries.

Check the box next to each task as you complete it.

- Customize JCL member PCRTEJC2 that you uploaded in Step 2.
- Change the data set names as required by your installation. Change only the first two index levels (GENTRAN.V6X6).
- Read the comments within the JCL and follow any additional instructions.
- Submit the job and verify the job results. You should never receive a return code greater than 0.

You now have a library containing the most current, unmodified Sterling Gentran:Realtime JCL.

Completed by: _____

Date: _____ **Time:** _____

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