

IBM Sterling Gentran:Basic for z/OS

# Obtaining the Current JCL Library

Release 6.6



This edition applies to the 6.6 Version of IBM® Sterling Gentrans:Basic® for z/OS® and to all subsequent releases and modifications until otherwise indicated in new editions.

Before using this information and the product it supports, read the information in Notices on page N-1.

Licensed Materials - Property of IBM

IBM® Sterling Gentrans:Basic® for z/OS®

© Copyright IBM Corp. 1988, 2011. All Rights Reserved.

US Government Users Restricted Rights - Use, duplication or disclosure restricted by GSA ADP Schedule Contract with IBM Corp.

---

# Obtaining the Current JCL Library for Sterling Gentran:Basic

## Introduction

The IBM® Sterling Gentran:Basic® 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:Basic 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.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.BSC.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.BSC.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.JCL	Yes	No
GENTRAN.V6X6.BSC.JCL.FIX	No	Yes
GENTRAN.V6X6.BSC.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 **Basic\_6.6\_Current\_Jcl.zip** on your PC. This is the file you downloaded from the Internet.
- Decompress **Basic\_6.6\_Current\_Jcl.zip**. This creates **Basic\_6.6\_Current\_Jcl.exe**, which is a self-extracting .zip file that contains the Sterling Gentran:Basic 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
PCBSCJCL	The Sterling Gentran:Basic Current JCL file
PCBSCJC1.TXT	The JCL to allocate the target Current JCL file
PCBSCJC2.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
PCBSCJC1.TXT	The JCL to allocate the target Current JCL file
PCBSCJC2.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:Basic 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 PCBSCJC1 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:Basic 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.BSC.UPLOAD.PCJCL). The file to be uploaded is:

File	Description
PCBSCJCL	The Sterling Gentran:Basic 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 \NMR01.
  - 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:Basic Current JCL library on your mainframe.

This step reads the Sterling Gentran:Basic 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.BSC.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 PCBSCJC2 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:Basic JCL.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_



# Notices

This information was developed for products and services offered in the U.S.A.

IBM may not offer the products, services, or features discussed in this document in other countries. Consult your local IBM representative for information on the products and services currently available in your area. Any reference to an IBM product, program, or service is not intended to state or imply that only that IBM product, program, or service may be used. Any functionally equivalent product, program, or service that does not infringe any IBM intellectual property right may be used instead. However, it is the user's responsibility to evaluate and verify the operation of any non-IBM product, program, or service.

IBM may have patents or pending patent applications covering subject matter described in this document. The furnishing of this document does not grant you any license to these patents. You can send license inquiries, in writing, to:

IBM Director of Licensing

IBM Corporation

North Castle Drive

Armonk, NY 10504-1785

U.S.A.

For license inquiries regarding double-byte character set (DBCS) information, contact the IBM Intellectual

Property Department in your country or send inquiries, in writing, to:

Intellectual Property Licensing

Legal and Intellectual Property Law

IBM Japan Ltd.

1623-14, Shimotsuruma, Yamato-shi

Kanagawa 242-8502 Japan

**The following paragraph does not apply to the United Kingdom or any other country where such provisions are inconsistent with local law:** INTERNATIONAL BUSINESS MACHINES CORPORATION PROVIDES THIS PUBLICATION "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS

---

FOR A PARTICULAR PURPOSE. Some states do not allow disclaimer of express or implied warranties in certain transactions, therefore, this statement may not apply to you.

This information could include technical inaccuracies or typographical errors. Changes are periodically made to the information herein; these changes will be incorporated in new editions of the publication. IBM may make improvements and/or changes in the product(s) and/or the program(s) described in this publication at any time without notice.

Any references in this information to non-IBM Web sites are provided for convenience only and do not in any manner serve as an endorsement of those Web sites. The materials at those Web sites are not part of the materials for this IBM product and use of those Web sites is at your own risk.

IBM may use or distribute any of the information you supply in any way it believes appropriate without incurring any obligation to you.

Licensees of this program who wish to have information about it for the purpose of enabling: (i) the exchange of information between independently created programs and other programs (including this one) and (ii) the mutual use of the information which has been exchanged, should contact:

IBM Corporation

J46A/G4

555 Bailey Avenue

San Jose, CA\_\_95141-1003

U.S.A.

Such information may be available, subject to appropriate terms and conditions, including in some cases, payment of a fee.

The licensed program described in this document and all licensed material available for it are provided by IBM under terms of the IBM Customer Agreement, IBM International Program License Agreement or any equivalent agreement between us.

Any performance data contained herein was determined in a controlled environment. Therefore, the results obtained in other operating environments may vary significantly. Some measurements may have been made on development-level systems and there is no guarantee that these measurements will be the same on generally available systems. Furthermore, some measurements may have been estimated through extrapolation. Actual results may vary. Users of this document should verify the applicable data for their specific environment.

Information concerning non-IBM products was obtained from the suppliers of those products, their published announcements or other publicly available sources. IBM has not tested those products and cannot confirm the accuracy of performance, compatibility or any other claims related to non-IBM products. Questions on the capabilities of non-IBM products should be addressed to the suppliers of those products.

All statements regarding IBM's future direction or intent are subject to change or withdrawal without notice, and represent goals and objectives only.

---

This information is for planning purposes only. The information herein is subject to change before the products described become available. This information contains examples of data and reports used in daily business operations. To illustrate them as completely as possible, the examples include the names of individuals, companies, brands, and products. All of these names are fictitious and any similarity to the names and addresses used by an actual business enterprise is entirely coincidental.

**COPYRIGHT LICENSE:**

This information contains sample application programs in source language, which illustrate programming techniques on various operating platforms. You may copy, modify, and distribute these sample programs in any form without payment to IBM, for the purposes of developing, using, marketing or distributing application programs conforming to the application programming interface for the operating platform for which the sample programs are written. These examples have not been thoroughly tested under all conditions. IBM, therefore, cannot guarantee or imply reliability, serviceability, or function of these programs. The sample programs are provided "AS IS", without warranty of any kind. IBM shall not be liable for any damages arising out of your use of the sample programs.

Each copy or any portion of these sample programs or any derivative work, must include a copyright notice as follows:

© IBM 2011. Portions of this code are derived from IBM Corp. Sample Programs.  
© Copyright IBM Corp. 2011.

If you are viewing this information softcopy, the photographs and color illustrations may not appear.

## Trademarks

IBM, the IBM logo, and ibm.com are trademarks or registered trademarks of International Business Machines Corp., registered in many jurisdictions worldwide. Other product and service names might be trademarks of IBM or other companies. A current list of IBM trademarks is available on the Web at "[Copyright and trademark information](http://www.ibm.com/legal/copytrade.shtml)" at [www.ibm.com/legal/copytrade.shtml](http://www.ibm.com/legal/copytrade.shtml).

Adobe, the Adobe logo, PostScript, and the PostScript logo are either registered trademarks or trademarks of Adobe Systems Incorporated in the United States, and/or other countries.

IT Infrastructure Library is a registered trademark of the Central Computer and Telecommunications Agency which is now part of the Office of Government Commerce.

Intel, Intel logo, Intel Inside, Intel Inside logo, Intel Centrino, Intel Centrino logo, Celeron, Intel Xeon, Intel SpeedStep, Itanium, and Pentium are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries.

Linux is a registered trademark of Linus Torvalds in the United States, other countries, or both.

Microsoft, Windows, Windows NT, and the Windows logo are trademarks of Microsoft Corporation in the United States, other countries, or both.

---

ITIL is a registered trademark, and a registered community trademark of the Office of Government Commerce, and is registered in the U.S. Patent and Trademark Office.

UNIX is a registered trademark of The Open Group in the United States and other countries.

Java and all Java-based trademarks and logos are trademarks or registered trademarks of Oracle and/or its affiliates.

Cell Broadband Engine is a trademark of Sony Computer Entertainment, Inc. in the United States, other countries, or both and is used under license therefrom.

Linear Tape-Open, LTO, the LTO Logo, Ultrium and the Ultrium Logo are trademarks of HP, IBM Corp. and Quantum in the U.S. and other countries.

Connect Control Center®, Connect:Direct®, Connect:Enterprise, Gentran®, Gentran:Basic®, Gentran:Control®, Gentran:Director®, Gentran:Plus®, Gentran:Realtime®, Gentran:Server®, Gentran:Viewpoint®, Sterling Commerce™, Sterling Information Broker®, and Sterling Integrator® are trademarks or registered trademarks of Sterling Commerce, Inc., an IBM Company.

Other company, product, and service names may be trademarks or service marks of others.