

# Unloading and Installing SAS<sup>®</sup> 9.2 from z/OS<sup>®</sup> Cartridges

Installing SAS 9.2 Foundation from a cartridge requires unloading the contents of the cartridge to the UNIX File System. To do so, you will need to run a batch job. JCL is provided, as an attachment to your Software Order E-mail (customized for your particular order), which you will need to modify for your specific needs. You will also need to allocate file system storage for the unloaded files.

Depending on your product selection, you may need up to 25 GB of space in which to unload the installation files and complete the installation and configuration of your SAS software.

## Unloading Your Software

The JCL attachment to your SAS Software Order E-mail contains the PAXUNLD job. You **must** modify several JCL statements in the PAXUNLD job to conform to your local installation requirements. Editing can be performed on a Windows system. However, if you choose to edit these JCL statements on your MVS system, make certain you **turn CAPS OFF**.

- Modify the PAXUNLD JOB card as necessary for your site.
- CARTUNIT needs to match the cartridge unit name your site uses.
- TEMPPATH must be set to a temporary location for script creation and execution.
- DESTPATH contains the directory name of the location where the contents of the cartridge(s) will be unloaded to (this will become your SAS Software Depot).

Your edited PAXUNLD job must be moved to DASD on MVS in order to submit it.

When the PAXUNLD job has been run, all return codes should be 0 (zero).

***Note:** If the job fails due to insufficient space or a timeout, you will need to erase ('rm -rf ') the content of the destination directory in order to rerun the job. This is necessary because some of the files that are written to the destination have read-only permission bits, so an attempt to overwrite these files will generate an error.*

## Installing Your Software

After the cartridge unloading process has completed, log in to UNIX System Services on your z/OS mainframe and navigate to the destination path (DESTPATH) that you supplied previously. Follow these steps to install your software:

1. If your z/OS system has Java installed, execute `setup.rexx` at the root of your SAS Software Depot to start the SAS Deployment Wizard. **This is required for planning installations** and may also be used for basic installations.

***Note:** To use the SAS Deployment Wizard, you will need a desktop computer with an X11 server, and you should issue the following case-sensitive command:*  
`export DISPLAY=<your X11 server name>:0`  
*If you do not issue this command, `setup.rexx` will prompt you for the server name.*

If your system does not have Java installed, you should execute `basicins.rexx`. Detailed directions for running this command are available at [http://support.sas.com/documentation/installcenter/en/ikmvsbasic/62388/PDF/default/zos\\_basic.pdf](http://support.sas.com/documentation/installcenter/en/ikmvsbasic/62388/PDF/default/zos_basic.pdf).

2. Select the language that you want to use for the installation.
3. Use the dialogs to install and configure your software.
  - Use the Help button for more information about the choices available in each dialog.
  - For more detailed information, please see the SAS Deployment Wizard User's Guide, available from the Install Center at <http://support.sas.com/installcenter/>.
4. There may be additional configuration steps required for your software. Consult the configuration instructions available for your operating system for product-specific post-installation steps. The configuration instructions are available from Install Center.

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