IBM SPSS Modeler Server Adapter Installation

About IBM SPSS Modeler Server Adapter Installation

This guide provides installation instructions and information relating to the products available on the IBM® SPSS® Modeler Server Adapter installation media.

The adapters enable IBM® SPSS® Modeler and SPSS Modeler Server to interact with an IBM® SPSS® Collaboration and Deployment Services repository. For more information, see the *SPSS Modeler User's Guide*.

There are different Modeler Server Adapter installation disks containing the adapters for use with IBM SPSS Collaboration and Deployment Services 4 repositories. **Be sure to use the correct disk for your repository version.**

Note: IBM SPSS Collaboration and Deployment Services 4 refers to versions 4.0, 4.1, and 4.2 of the product.

System Requirements

Before you can install the adapter, you must be able to connect to a fully-functioning Predictive Enterprise Services 3.5 or IBM® SPSS® Collaboration and Deployment Services 4 repository. System requirements for this are given in the *Installation and Configuration Guide* for the appropriate repository version.

Installing the Adapter

To enable a repository to work with the full functionality of this release of IBM® SPSS® Modeler Server, you need to install the adapter at the repository host. Without this adapter, you may see the following message when attempting to access repository objects from certain SPSS Modeler Server nodes or models:

The repository may need updating to support new node, model and output types.

Installing the Adapter for IBM SPSS Collaboration and Deployment Services (Windows and UNIX Repositories)

To install the adapter on a Windows or UNIX repository host, use the following procedure.

► On the repository host, if a previous installation has installed a file named *ModelerScoring_13_0_<n>.package* to the *<install-dir>/staging* directory, delete the file from there. Do not delete any other *Modeler*.package* files in this directory. (Note: *<install-dir>* refers to the installation directory, for example *C:\Program Files\IBM\SPSS\Collaboration and Deployment Services\4.x*.)

▶ Ensure that the Deployment Services application server is in the following state:

- JBoss: shut down
- Oracle WebLogic: shut down
- IBM Websphere: running; server should be recycled prior to running Package Manager, to clear jni handles
- Oracle Application Server: shut down

▶ Insert the appropriate IBM® SPSS® Modeler Server Adapters 4.*x* installation disk into a disk drive on the repository host (or a machine with a connection to the host). Be sure to use the correct disk for your repository version.

▶ On the installation disk, open the *adapter4_<n>* folder.

▶ Open the folder appropriate for the operating system on the repository host (for example, *aix64*, *win32* and so on).

▶ Run the installer:

For *win32* or *win64* systems, double-click the *install.exe* filename.

For UNIX systems, enter ./install.bin.

▶ Follow the on-screen instructions to complete the installation. When prompted, enter the username and password of the repository administrator. Ensure that the installation folder is set to the directory to which the IBM SPSS Collaboration and Deployment Services software was installed at the repository host.

▶ When the installation has finished, start up the Deployment Services application server or service.

Installing the Adapter for IBM SPSS Collaboration and Deployment Services (iSeries Repositories)

To install the adapter on an iSeries repository host, use the following procedure.

▶ On the repository host, if a previous installation has installed a file named *ModelerScoring_13_0_<n>.package* to the *<install-dir>/staging* directory, delete the file from there. Do not delete any other *Modeler*.package* files in this directory. (Note: *<install-dir>* refers to the installation directory, for example *C:\Program Files\IBM\SPSS\Collaboration and Deployment Services\4.x.*)

▶ Ensure that the Deployment Services application server is in the following state:

- JBoss: shut down
- Oracle WebLogic: shut down
- IBM Websphere: running; server should be recycled prior to running Package Manager, to clear jni handles
- Oracle Application Server: shut down

▶ Insert the appropriate IBM® SPSS® Modeler Server Adapters 4.*x* installation disk into a disk drive on the repository host (or a machine with a connection to the host). Be sure to use the correct disk for your repository version.

▶ On the installation disk, open the *adapter4_<n>* folder.

Open the folder *os400_64* on the repository host.

Enter java -jar install.jar.

Follow the on-screen instructions to complete the installation. When prompted, enter the username and password of the repository administrator. Ensure that the installation folder is set to the directory to which the IBM® SPSS® Collaboration and Deployment Services software was installed at the repository host.

When the installation has finished, start up the Deployment Services application server or service.

Note: Under some circumstances, the installer for iSeries will be unable to determine the available disk space on the disk partition where IBM SPSS Collaboration and Deployment Services has been installed, and will report a number of errors instead. These errors can safely be ignored as they do not affect installation of the adapter.

An example of the errors reported is shown below, where *install_dir* is the directory where you installed IBM SPSS Collaboration and Deployment Services.

```
#### Cannot match UNIX flavor to a filesystem table: attempting '/etc/fstab'
fstab: /etc/fstab (A file or directory in the path name does not exist.)
** FileSystem (FSTab): could not generate static fs table
#### Cannot match UNIX flavor to a filesystem table: attempting 'df -k'
CheckDiskSpace: Error determining free disk space for: install_dir
java.lang.NoClassDefFoundError: com/ibm/as400/access/IFSFile
...
    at com.zerog.ia.installer.Main.main(DashoA10*..)
    at install.main(DashoA10*..)
CDS: Assuming sufficient disk space. (-1)
```

Should you experience further issues with this installation, contact IBM Technical Support.