

SAS[®] AppDev Studio Java Components 3.1.2 Update

The SAS AppDev Studio Java Components 3.1.2 Update delivers the files that enable you to build custom server-side Java applications using two new technologies released for use with SAS 9:

- The Visual Data Explorer component, which is a viewer for exploring and navigating Information Maps that are built using relational and SAS OLAP Server data stores.
- The SAS Web Report Viewer, which is used to access and display reports that are built using SAS Web Report Studio.

Two new webAF Web application example templates are also installed along with the components. The templates make it easy for you to build a custom Java application using the new SAS 9 technology pieces.

Installation Overview

Please read this file carefully as it contains the necessary information to install the SAS AppDev Studio Java Components 3.1.2 Update on your existing SAS AppDev Studio installation. This update is designed to be installed on release 3.0 of SAS AppDev Studio. It will not work with any other version. To upgrade a previous version of SAS AppDev Studio to release 3.0, contact your SAS representative.

The SAS AppDev Studio Java Components 3.1.2 Update is designed such that it can be uninstalled if needed. As part of this uninstall support, the SAS AppDev Studio Java Components 3.1.2 Update install will attempt to back up prior versions of all installed files. If any expected files are not found during this backup process, then the SAS AppDev Studio Java Components 3.1.2 Update install will terminate without making any changes to the target system. If this happens, please make sure to repair your prior SAS AppDev Studio Java Components installation before any further attempts to apply this update.

This update contains files for your production Web server in addition to your SAS AppDev Studio development installation. Please follow the steps below to update your production Web server. It is important that you apply this update to all machines.

For detailed information about the contents of this update, please see the SAS AppDev Studio Java Components 3.1.2 Update Release Notes, contained in the download as `ReleaseNotes.html`.

Updating the SAS AppDev Studio Java Components Installation

Please upgrade to SAS 9.1.2 to get bug fixes and performance improvements. Also, note that the Visual Data Explorer and SAS Web Report Viewer capabilities included with the SAS AppDev Studio Java Components 3.1.2 Update will not work without SAS 9.1.2.

To update the SAS AppDev Studio Java Components (which include webAF and webEIS), you must perform the following steps:

1. Invoke the program `AppDev312.exe` from the `AppDevStudio` folder contained in the downloaded zip file. This is the SAS AppDev Studio Java Components 3.1.2 Update installer.
2. Follow the instructions given by the install program.

During the SAS AppDev Studio Java Components 3.1.2 Update install, a folder called `ADS312Deployment` will be created under the SAS AppDev Studio main install folder. This folder contains files that can be used to update machines where applications developed using SAS AppDev Studio are to be deployed (such as Web server machines and Servlet Container machines).

Registering SAS AppDev Studio Foundation Services

The Visual Data Explorer and SAS Web Report Viewer example templates make use of SAS Foundation Services that need to be registered in metadata via the SAS Management Console. The following steps must be performed to register the required "ADS Local Services".

1. Users will have to have the SAS Management Console installed with the `FoundationServicesPlugin` installed as well.
2. After launching the SAS Management Console, expand the **Foundation Services Manager** node in the tree.
3. Right-click on **Foundation Services Manager** and select **Import Service Deployment...**
4. Click **Add...** and browse to the file, `<ads-install-dir>\webAF\resources\sas_services_ads_local_omr.xml`. Select **Open** and then **OK** to register the services.

Note that the service deployment file included with this update assumes that the metadata server is running on the same host machine. The following values are also assumed: default metadata server port is 8561, the default logon domain is Default Auth, and the default metadata repository is Foundation. For more information about using non-default metadata values and using other services with the example templates (such as "Query and Reporting" or "ID Portal Local Services"), refer to <http://support.sas.com/rnd/appdev/webAF/server/WebAppExampleTemplates.htm#services>.

Updating SAS AppDev Studio Web Application Projects

To update any Web application project that resides in the `<ads-install-dir>\webAF\Projects` directory, open the project and execute **File** → **Project Properties**. Examine the **Auto-update web application when opening** check box. If checked, then the project has already been updated. If not checked, then change its state to checked and re-open the project. After the project has been updated, you may wish to uncheck the option to avoid the overhead of checking for updates every time the project is opened. After performing this operation, the Web application project will be updated with new JAR files and associated resources files.

Updating Deployed SAS AppDev Studio Projects

The Java classes that are part of SAS AppDev Studio are delivered in JAR files. The SAS AppDev Studio Java Components 3.1.2 Update installation copies the JAR files to your local machine. Within any deployed project, it will be necessary to place a copy of the JAR files on the other machines. The `JarFiles` folder under the `ADS312Deployment` folder contains a copy of the SAS AppDev Studio JAR files that are needed to update other machines.

Web application projects also have associated resource files that need to be updated which are contained in the ADS312Deployment folder. For Microsoft Windows, there is a file named ADS3.1.2webAFwebapps.zip. For all other hosts, the file is named ADS3.1.2webAFwebapps.tar. You will need to extract the contents of the appropriate file and copy them to the appropriate directories in your deployed Web applications.

Please refer to the SAS AppDev Studio Developer's Site at <http://www.sas.com/rnd/appdev> for more information on deploying projects built with SAS AppDev Studio.

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