

Package and Folders



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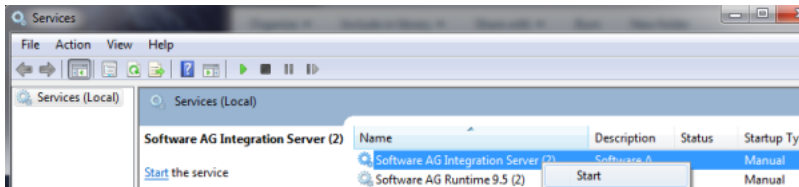
Duration: 10 minutes

A package framework consists of a package and a set of folders that serve as containers for the various types of objects used to develop Flow services. In this tutorial you will create a typical package framework consisting of a package and a set of folders within the package

Prerequisites

Start the Software AG webMethods ESB Integration Server (IS):

1. If you installed the IS as an Application on Windows or on Linux, go to **<Installation Directory (C:\SoftwareAG by default)>\IntegrationServer\bin** and double-click or execute the startup.bat file.
2. If you installed the IS as a Service, you can open the Windows Services app (**Control Panel -> System and Security -> Administrative Tools -> Services** or enter 'services' from the bottom of the Start Menu and click enter. Scroll down, right click on **Software AG Integration Server** and select **Start**:



3. If you installed the IS as an Application and you want to register it as a Windows Service, you can go to **<Installation Directory>\SoftwareAG\IntegrationServer\support\win32** and double-click to execute the **installSvc.bat** file. Now you can start the IS by using the instructions in step 2 above.
4. To shutdown the IS, either go to **<Installation Directory>\SoftwareAG\IntegrationServer\bin** and double-click to run the **shutdown.bat** file or stop it from the Windows Services app. To open the Services app use the instructions in step 3 above.

In addition, a basic knowledge of Software AG Designer is helpful, but not required. Since Software AG Designer is an Eclipse-based IDE, familiarity with Eclipse is recommended.

Step Outline

You create a package framework using the Software AG Designer IDE to:

- Connect to the Integration Server
- Create a package
- Create a set of folders within the package

Step 1: Connect to the Integration Server

In this Step: You will connect to the Integration Server by launching the Software AG Designer application and starting a session on the Integration Server.

Important: The Integration Server must be started. See Managing the Evaluation Cloud for information on starting the Integration Server.

To connect to the Integration Server:

- Start Software AG Designer **from the Start Menu -> All Programs -> Software AG -> Tools -> Software AG Designer 9.5**.
- In the Software AG Designer Welcome **page, click on the Open the Service Development Perspective link:**

Software AG Designer is an integrated, Eclipse™-based design environment ... [Continue reading](#)

Your Installed Products



Service Development

This product provides the tools to build, edit, and debug services and integration logic. The Service Development perspective provides the collection of editors and views in which you can orchestrate and develop the supporting ESB objects.

➔ [Open the Service Development Perspective](#)

➔ [Documentation](#)



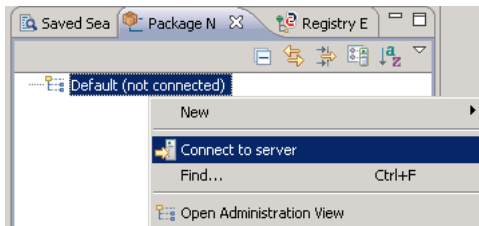
CloudStreams Development

webMethods CloudStreams provides a scalable approach to integrate “on-premise” applications with SaaS (or SaaS-with-SaaS). Use the CloudStreams server, plug-ins, and analytics dashboard to develop Cloud Connector Services for pre-configured SaaS Connectors; manage service request security; monitor performance metrics and events.

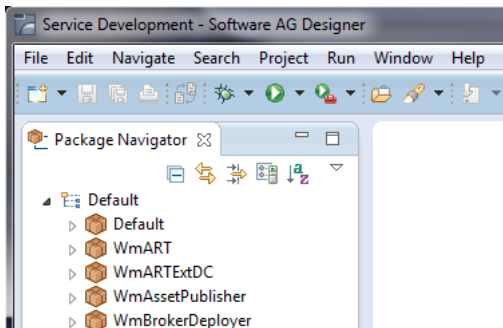
➔ [Open the CloudStreams Perspective](#)

➔ [Documentation](#)

In the **Package Navigator** view, connect to the Default Integration Server, if not already connected automatically:

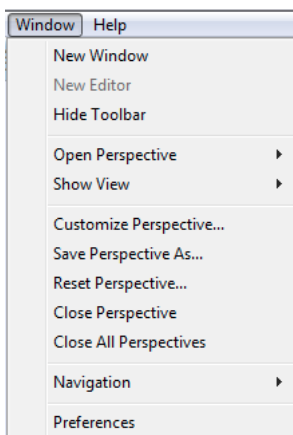


The **Package Navigator** view displays all the installed system packages (top-level containers) and folders (sub-containers):

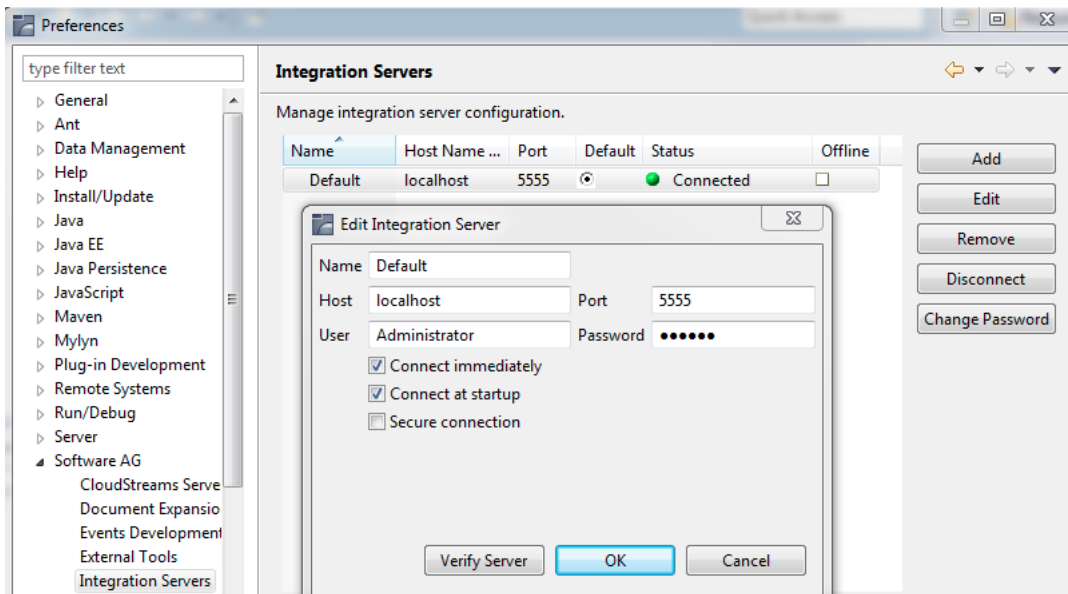


You can now create a new package on the integration server to put your assets you create in this and other tutorials.

Note: If an Integration Server has not been defined, you may do so by selecting **Preferences** from the **Window** menu:



The Integration Server connection is configured under the **Software AG -> Integration Servers** preference pane:



Specify the following to connect to the Integration Server:

Field	Value
Name:	Default
Host:	The computer name or IP address where the IS is running or localhost
Port:	5555
Username:	Administrator
Password:	manage
Connect immediately:	Checked
Connect at startup:	Checked
Secure connection:	Unchecked

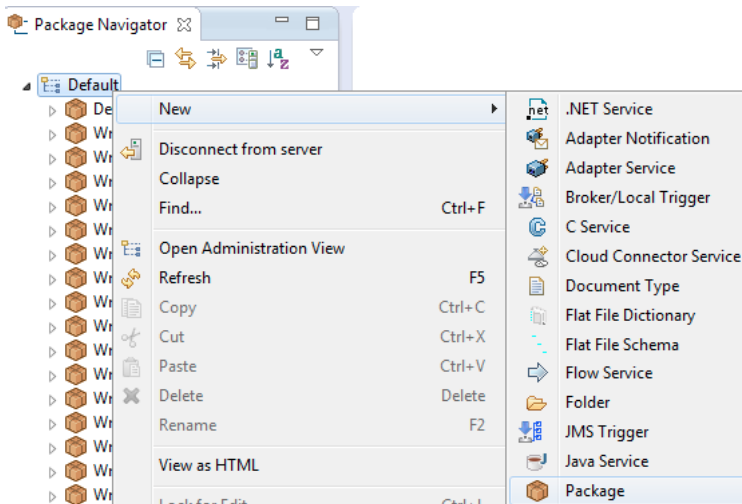
Click the **OK** button to save any changes and click the **OK** button to dismiss the **Preferences** dialog.

Step 2: Create a Package

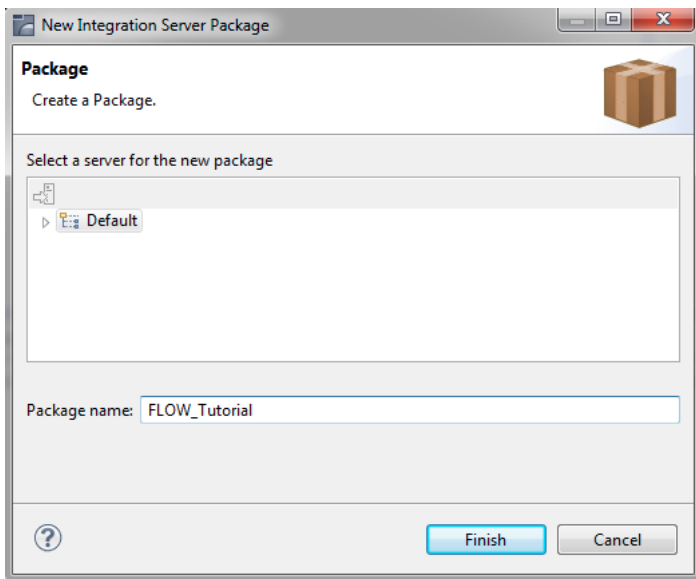
In this Step: You will create a new package on the Integration Server.

To create a package:

- Right-click on the **Default** Integration Server (not the **Default** package) in the **Package Navigator** view and select **New -> Package**:

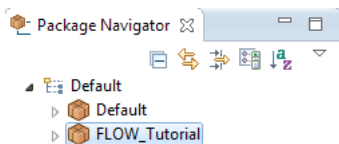


Designer prompts you for a package name:



- Enter the package name **FLOW_Tutorial** and click the **Finish** button.

Designer adds the new package on the IS and displays it in the **Package Navigator** view:



Note: You can perform basic operations, such as copying, moving, and renaming objects in the Package Navigator view by dragging-and-dropping, right-clicking to display context menus, or by double-clicking to select.

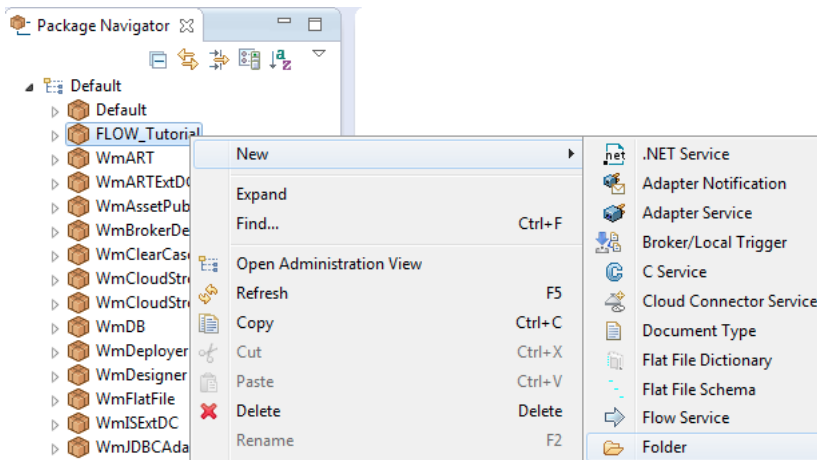
You can now create folders within the **FLOW_Tutorial** package.

Step 3: Create Folders

In this Step: You will create a set of folders within the **FLOW_Tutorial** package.

To create a folder:

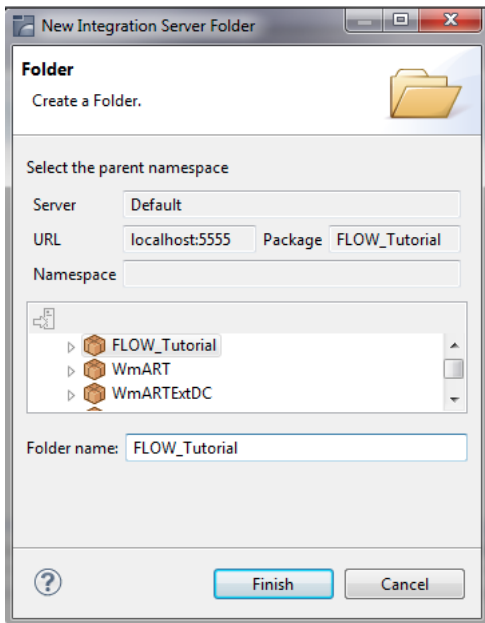
- Right-click on the **FLOW_Tutorial** package and select **New > Folder**:



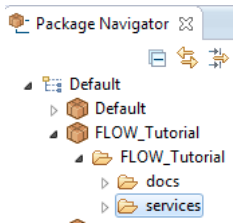
Designer will prompt you to name the new folder.

Best Practice: Assign the top-level folder the same name as the package. This is a best practice so that there are no fully qualified object name collisions across packages. An object's fully qualified name starts at the top level folder in its package and includes all of the subfolders to and including the object name. We will point this out throughout the tutorials.

Enter the top-level folder name of **FLOW_Tutorial** and click the **Finish** button:



Right-click the parent folder to create a subfolder under the parent folder. Follow the same steps to create the following folder hierarchy in the **FLOW_Tutorial** package:



Conclusion

You have created a new IS Package and folders to save services that you develop.

To import the solution of this tutorial download Completed Export of 1. Create an IS Package and Folders.zip (http://techcommunity.softwareag.com/ecosystem/export/sites/default/public/webmethods/products/esb_and_integration/codesamples/attachments/20140408164254117_000_Completed_Export.zip) follow the directions in the Import an IS Package tutorial (<http://techcommunity.softwareag.com/pwiki/-/wiki/Main/Import+an+IS+Package>) (<http://techcommunity.softwareag.com/pwiki/-/wiki/Main/webMethods+Flow+Tutorial+-+Create+an+IS+Package+and+Folders>).

14 Attachments (http://techcommunity.softwareag.com/pwiki?_p_id=36&p_p_lifecycle=0&p_p_state=pop_up&p_p_mode=view&_36_struts_action=%2Fwiki%2Fview_page_attachments&p_r_p_185834411_nodeName=Main&p_r_p_185834411_title=webMethods+Flow+Tutorial+-+No.1+Create+an+IS+Package+and+Folders&_36_redirect=http%3A%2F%2Ftechcommunity.softwareag.com%2Fwiki%2F-%2Fwiki%2FMain%2FwebMethods%2BFlow%2BTutorial%2B-%2BNo.1%2BCreate%2Ban%2BIS%2BPackage%2Band%2BFolders%2Fpop_up%3F_36_viewMode%3Dprint)
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Thanks... Very very basic :)

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