Sterling B2B Integrator

IBM

Setup Checklist – MESA Developer Studio

Version 5.2

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This edition applies to Version 5 Release 2 of Sterling B2B Integrator and to all subsequent releases and modifications until otherwise indicated in new editions.

Contents

MESA Developer Studio Setup Checklist

Use this checklist to assist you when planning to use MESA Developer Studio.

MESA Developer Studio Terminology

The following Eclipse terms and definitions will assist you in understanding MESA Developer Studio:

- Project – All the resources related to a particular implementation reside in a project. It can contain folders, files, and other Eclipse objects.
- Workspace – Directory where work is stored.
- Workbench – User interface window that contains these elements:

  -- Perspective: A group of views and editors in a Workbench window that correspond to a certain project.

  -- View: A visual component within the Workbench and dependent on the perspective that was selected. Used to navigate or display information such as properties or messages.

  -- Editors: A visual component in the Workbench used to create, change, or browse a resource.

- Plug-in – Eclipse component with specific functionality that can be downloaded and added to MESA Developer Studio. Examples include the Skin Editor and the SDK.
- Skin Editor – Provides an interface where you can quickly change the appearance or branding .

The following terms and definitions will assist you in understanding the MESA Developer Studio SDK plugin:

- Service – Component that can be configured to carry out an activity in a Sterling B2B Integrator business process.
- Parameter – Can be configured to define and control a service. Any parameters added to a service must be added to a parameter group.
- Adapter – Type of service that communicates with external systems to move data in and out of Sterling B2B Integrator.
- Method – Java equivalent of functions, subroutines, or procedures in other programming languages.
- Cheat Sheet – Provides information and step-by-step help to create a service by listing the sequence of steps required to create and package a service.

Implementation Checklist

Setting up MESA Developer Studio is a multi-step process which should be completed in the order described. The following is a checklist for each step in the process. The checklist provides an overview of the entire process.

Step	Task	Notes
1	Install and configure Sterling B2B Integrator.	
2	Download and install the latest Sterling B2B Integrator fix pack.	

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Step	Task	Notes
3	Download and install **Eclipse 3.3.x (also called Europa Winter)** from the following page: http://www.eclipse.org/downloads/packages/release/europa/winter. You should use the Eclipse IDE for Java EE Developers, because that comes with the full set of packages, as opposed to the Eclipse IDE for Java Developers, which only contains a subset of the packages needed. **Note:** MESA Developer Studio requires specific plug-in versions. You should install an instance of Eclipse specifically for MESA Developer Studio development. If you use a single installation of Eclipse with both MESA Developer Studio projects and other development projects, disable plug-ins that report conflicts.	
4	Download **Java™ SE 6 (Java SE Development Kit 6u45)** from the following Oracle Java Archive page: http://www.oracle.com/technetwork/java/javasebusiness/downloads/java-archive-downloads-javase6-419409.html. Install it on the same PC where you installed Eclipse. It is important that you have the full SDK and not just the JRE™.	
5	Configure the SDK on your PC.	
6	Verify that MESA Developer Studio uses the correct JRE in Eclipse.	
7	Start the WebDAV server (for Sterling B2B Integrator installations on UNIX® only)	
8	Install the MESA Developer Studio plug-in.	
9	Set up a Sterling B2B Integrator Instance in MESA Developer Studio.	
10	Set up Sterling B2B Integrator resources, including the Graphical Process Modeler (GPM) and Mapper, to be used with MESA Developer Studio.	

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