



## CHAPTER 2

# Understanding Automation Pack Objects

The Automation for SAP BOBJ Enterprise automation packs contain the content used to automate monitoring SAP BWA and Business Objects XI Data Services content. This chapter provides information on the objects included in the Automation for SAP BOBJ Enterprise automation pack. It contains the following sections:

- [Accessing Automation Pack Properties, page 2-1](#)
- [Viewing Automation Pack Content and Dependencies, page 2-3](#)

## Accessing Automation Pack Properties

You can access the automation pack properties from the Administration—Automation Packs view in the console. The automation pack properties dialog box displays general information about the content provided by the automation pack, version number, publish date, the provided objects, the dependencies of the automation pack, and the history of changes made to the automation pack.

**Step 1** On the Administration workspace, click **Automation Packs** in the navigation pane to display the installed automation packs in the Automation Packs pane.

Information about the automation packs display in the following columns:

Column	Description
Company Name	Name of the company that released the automation pack.
Publish Date	Date the automation pack was created or exported to a file.
Version	Version number of the automation pack.
Display Name	Name of the automation pack.
ID	Identification number of the automation pack.
Import Date	Date the automation pack was imported into the product.
Licensed	Indicates whether the automation is a licensed product in Process Orchestrator.
Description	Text description of the automation pack.

**Step 2** Select the automation pack in the Automation Packs pane, right-click and choose **Properties**.

**Step 3** On the Properties dialog box, select the appropriate tab to view the automation pack properties:

<b>Tab</b>	<b>Description</b>
General	Displays general information about the automation pack.
Objects	Display a list of objects contained in the automation pack.
Dependencies	Display a list of automation packs and adapters referenced by the objects in the automation pack.
History	Displays when the automation pack was created or modified, and audit log entries that are relevant to the automation pack.

**Step 4** Click **Close** to close the dialog box.

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# Viewing Automation Pack Content and Dependencies

Use the automation pack Properties dialog box to view the objects contained in the automation packs and the dependencies associated with the automation pack.



**Note**

See [Appendix A, “Core Automation for SAP BW, BOBJ and In-Memory Computing Automation Pack Content”](#) for information on the content included in the dependent automation pack.

## Viewing Automation Pack Content

- Step 1** On the Administration—Automation Packs view, select **Automation for SAP BOBJ Enterprise**, right-click and choose **Properties**.
- Step 2** On the Automation for SAP BOBJ Enterprise Properties dialog box, click the **Objects** tab.
- Step 3** On the Objects tab, review the information about the objects provided by the Automation for SAP BOBJ Enterprise automation pack.

Columns	Description
Display Name	Name of the object (processes, global variables, knowledge base).
Type	Object type.
Action Required	Action required to successfully import or export the objects.
Description	Text description of the object.
Version	Object version.

## Automation for SAP BOBJ Enterprise Processes

The following table contains the processes that are imported by the Automation for SAP BOBJ Enterprise automation pack.

Process Name	Description
Monitor Adaptive Job Server	This process monitors performance thresholds on the job server.
Monitor Adaptive Processing Server	This process monitors performance thresholds on the processing server.
Monitor BOBJ Alert Notifications	This process monitors BOBJ alerts sent to a mailbox.
Monitor Central Management Console URL Availability	This process tests the connection to the BOBJ XI Central Management Console URL.
Monitor Central Management Server	This process monitors performance thresholds on the Central Management Server.

Process Name	Description
Monitor Connection Server	This process monitors performance thresholds on the connection server.
Monitor Crystal Reports 2010 Report Application Server	This process monitors performance thresholds on the Crystal Reports 2010 Report application server.
Monitor Crystal Reports 2011 Processing Server	This process monitors performance thresholds on the Crystal Reports 2011 processing server.
Monitor Crystal Reports Cache Server	This process monitors performance thresholds on the Crystal Reports cache server.
Monitor Crystal Reports Processing Server	This process monitors performance thresholds on the Crystal Reports processing server.
Monitor Dashboard Analytics Server	This process monitors performance thresholds on the dashboard Analytics server.
Monitor Dashboard Server	This process monitors performance thresholds on the dashboard server.
Monitor Event Server	This process monitors performance thresholds on the event server.
Monitor Input File Repository	This process monitors performance thresholds on the input file repository server.
Monitor Output File Repository	This process monitors performance thresholds on the output file repository.
Monitor Web Intelligence Processing Server	This process monitors performance thresholds on the Web Intelligence processing server.

For information on using the processes, *see* [Chapter 4, “Managing Automation for SAP BOBJ Enterprise Processes.”](#)

## Automation for SAP BOBJ Enterprise Target Properties

The following table contains the target properties that are imported by the Automation for SAP BOBJ Enterprise automation pack. The target properties that do not have a value defined must be configured by the user prior to using them in processes.

Target Property Name	Description	Value Defined?
BOBJ.XI.Adaptive Job Server Metrics	<p>This property contains the thresholds for BOBJ XI metrics on the adaptive job server.</p> <p>Enter the JMX MBean attribute, the threshold and the MBean data type. Valid data types include Integer, Double and Long.</p> <p>If the threshold is set to 0, the metric will not be monitored.</p>	No

Target Property Name	Description	Value Defined?
BOBJ.XI.Adaptive Processing Server Metrics	<p>This property contains the thresholds for BOBJ XI metrics on the adaptive processing server.</p> <p>Enter the JMX MBean attribute, the threshold and the MBean data type. Valid data types include Integer, Double and Long.</p> <p>If the threshold is set to 0, the metric will not be monitored.</p>	No
BOBJ.XI.Central Management Console Web Target	<p>This property contains the BOBJ XI Central Management Console Web target.</p> <p>Create a Process Orchestrator Web target for each BOBJ XI and add references to them in this property.</p>	No
BOBJ.XI.Central Management Server Metrics	<p>This property contains the thresholds for BOBJ XI metrics on the Central Management server.</p> <p>Enter the JMX MBean attribute, the threshold and the MBean data type. Valid data types include Integer, Double and Long.</p> <p>If the threshold is set to 0, the metric will not be monitored.</p>	No
BOBJ.XI.Connection Server Metrics	<p>This property contains the thresholds for BOBJ XI metrics on the connection server.</p> <p>Enter the JMX MBean attribute, the threshold and the MBean data type. Valid data types include Integer, Double and Long.</p> <p>If the threshold is set to 0, the metric will not be monitored.</p>	No
BOBJ.XI.Crystal Reports 2010 Report Application Server Metrics	<p>This property contains the thresholds for BOBJ XI metrics on the Crystal Reports 2010 report application server.</p> <p>Enter the JMX MBean attribute, the threshold and the MBean data type. Valid data types include Integer, Double and Long.</p> <p>If the threshold is set to 0, the metric will not be monitored.</p>	No
BOBJ.XI.Crystal Reports 2011 Processing Server Metrics	<p>This property contains the thresholds for BOBJ XI metrics on the Crystal Reports 2011 processing server.</p> <p>Enter the JMX MBean attribute, the threshold and the MBean data type. Valid data types include Integer, Double and Long.</p> <p>If the threshold is set to 0, the metric will not be monitored.</p>	No

Target Property Name	Description	Value Defined?
BOBJ.XI.Crystal Reports Cache Server Metrics	<p>This property contains the thresholds for BOBJ XI metrics on the Crystal Reports cache server.</p> <p>Enter the JMX MBean attribute, the threshold and the MBean data type. Valid data types include Integer, Double and Long.</p> <p>If the threshold is set to 0, the metric will not be monitored.</p>	No
BOBJ.XI.Crystal Reports Processing Server Metrics	<p>This property contains the thresholds for BOBJ XI metrics on the Crystal Reports processing server.</p> <p>Enter the JMX MBean attribute, the threshold and the MBean data type. Valid data types include Integer, Double and Long.</p> <p>If the threshold is set to 0, the metric will not be monitored.</p>	No
BOBJ.XI.Dashboard Analytics Server Metrics	<p>This property contains the thresholds for BOBJ XI metrics on the dashboard analytics server.</p> <p>Enter the JMX MBean attribute, the threshold and the MBean data type. Valid data types include Integer, Double and Long.</p> <p>If the threshold is set to 0, the metric will not be monitored.</p>	No
BOBJ.XI.Dashboard Event Server Metrics	<p>This property contains the thresholds for BOBJ XI metrics on the dashboard event server.</p> <p>Enter the JMX MBean attribute, the threshold and the MBean data type. Valid data types include Integer, Double and Long.</p> <p>If the threshold is set to 0, the metric will not be monitored.</p>	No
BOBJ.XI.Dashboard Server Metrics	<p>This property contains the thresholds for BOBJ XI metrics on the dashboard server.</p> <p>Enter the JMX MBean attribute, the threshold and the MBean data type. Valid data types include Integer, Double and Long.</p> <p>If the threshold is set to 0, the metric will not be monitored.</p>	No
BOBJ.XI.Input File Repository Metrics	<p>This property contains the thresholds for BOBJ XI metrics on the input file repository server.</p> <p>Enter the JMX MBean attribute, the threshold and the MBean data type. Valid data types include Integer, Double and Long.</p> <p>If the threshold is set to 0, the metric will not be monitored.</p>	No

Target Property Name	Description	Value Defined?
BOBJ.XI.JMX Target	This property contains the BOBJ XI JMX target. Create a Process Orchestrator JMX target for each BOBJ XI and add references to them in this property.	No
BOBJ.XI.Output File Repository Metrics	This property contains the thresholds for BOBJ XI metrics on the output file repository server. Enter the JMX MBean attribute, the threshold and the MBean data type. Valid data types include Integer, Double and Long. If the threshold is set to 0, the metric will not be monitored.	No
BOBJ.XI.Web App Container Metrics	This property contains the thresholds for BOBJ XI metrics on the Web app container server. Enter the JMX MBean attribute, the threshold and the MBean data type. Valid data types include Integer, Double and Long. If the threshold is set to 0, the metric will not be monitored.	No
BOBJ.XI.Web Intelligence Processing Server Metrics	This property contains the thresholds for BOBJ XI metrics on the Web Intelligence processing server. Enter the JMX MBean attribute, the threshold and the MBean data type. Valid data types include Integer, Double and Long. If the threshold is set to 0, the metric will not be monitored.	No
BOBJ.XI.Xcelsius Data Cache Server Metrics	This property contains the thresholds for BOBJ XI metrics on the Xcelsius data cache server. Enter the JMX MBean attribute, the threshold and the MBean data type. Valid data types include Integer, Double and Long. If the threshold is set to 0, the metric will not be monitored.	No
BOBJ.XI.Xcelsius Data Processing Server Metrics	This property contains the thresholds for BOBJ XI metrics on the Xcelsius data processing server. Enter the JMX MBean attribute, the threshold and the MBean data type. Valid data types include Integer, Double and Long. If the threshold is set to 0, the metric will not be monitored.	No

For information on configuring target properties, see [Managing Target Properties, page 1-6](#).

## Automation for SAP BOBJ Enterprise Target Groups

The following target groups are imported with the Automation for SAP BOBJ Enterprise automation pack:

Target Group Name	Description
BOBJ XI Email Accounts	Contains all email accounts.
BOBJ XI Targets	Contains all BOBJ XI targets

For information on target groups, see the *Cisco Process Orchestrator User Guide*.

## Automation for SAP BOBJ Enterprise Knowledge Base Articles

The following knowledge base article is imported with the Automation for SAP BOBJ Enterprise automation pack:

Knowledge Base Name	Description
BOBJ XI Metrics Over Threshold	Process Orchestrator Detected BOBJ XI metrics over threshold.  Metrics were collect via JMX and compared to thresholds defined in an target property.

For information on knowledge base articles, see the *Cisco Process Orchestrator User Guide*.

## Viewing Automation Pack Dependencies

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- Step 1** On the Administration—Automation Packs view, select **Automation for SAP BOBJ Enterprise**, right-click and choose **Properties**.
- Step 2** On the Automation for SAP BOBJ Enterprise Properties dialog box, click the **Dependencies** tab.
- Step 3** Review the list of automation packs and adapters referenced by the Automation for SAP BOBJ Enterprise automation pack.

Object Type	Dependency
Automation Packs	<ul style="list-style-type: none"> <li>Core</li> <li>Core Automation for SAP BW, BOBJ and In-Memory Computing</li> </ul>
Adapters	<ul style="list-style-type: none"> <li>Core Functions Adapter</li> <li>JMX Adapter</li> <li>Web Service Adapter</li> </ul>

- Step 4** Click **Close** to close the dialog box.
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