



Changing the rules of business

# **Business Package for Business Rule Management by ILOG**

*June 2006*



## For SAP Netweaver users

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## Preface

This document gives an overview of the *Business Package for Business Rule Management by ILOG* and its installation – un-installation procedures.

## Intended document audience

This document is aimed at SAP NetWeaver Enterprise Portal users aiming at using the *Business Package for Business Rules Management by ILOG*.

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**Business Package for Business Rule Management by ILOG**



## Overview

The *Business Package for Business Rule Management by ILOG* supports policy managers who are in charge of authoring business rules of their organizations by using *ILOG Rule Team Server*. It also supports rule administrators who are in charge of managing and monitoring by using *ILOG Rule Execution Server Console*.

By using the *Business Package for Business Rule Management by ILOG*, the end users of SAP Enterprise Portal can access *ILOG Rule Team Server* and *ILOG Rule Execution Server Console* from SAP Enterprise Portal without resubmitting their logon data.

## Business Value

*ILOG JRules* provides a powerful platform for defining, testing, integrating, and managing the business logic of an application in the form of business rules. Specific user interfaces are provided to support users in their tasks, the most important of which are *ILOG Rule Team Server* and *ILOG Rule Execution Server Console*.

*ILOG Rule Team Server* serves as a designated workspace where policy managers can work collaboratively to author, edit, organize, and search for business rules.

*ILOG Rule Execution Server Console* allows rule administrators to determine what rulesets are deployed, enable or disable them, and perform basic monitoring.

The *Business Package for Business Rule Management by ILOG* allows policy managers and rule administrators to access *ILOG Rule Team Server* and *ILOG Rule Execution Server Console* from within SAP Enterprise Portal and without resubmitting their logon data.

## Availability

- Enterprise Portal 6.0.
- English
- Microsoft Internet Explorer 6.0.



# Technical Description and Configuration Information

## Purpose

This section describes how to implement the *Business Package for Business Rule Management by ILOG* in SAP Enterprise Portal after download.

## Prerequisites

- You must install JRules 6.1 or higher. For more information about how to get ILOG JRules, please contact [sap-info@ilog.com](mailto:sap-info@ilog.com). During JRules installation, select Rule Team Server and Rule Execution Server to install.
- *ILOG Rule Team Server* and *ILOG Rule Execution Server Console* must be customized to enable single sign-on. For more details, please contact [sap-info@ilog.com](mailto:sap-info@ilog.com).
- *ILOG Rule Team Server* and *ILOG Rule Execution Server Console* must be installed on third-party application server. Please refer to the ILOG JRules 6 documentation: Getting Started > Installing Rule Team Server and Getting Started > Installing Rule Execution Server for more details. Note that ILOG JRules documentation comes with ILOG JRules installation.
- You must install Enterprise Portal 6.0.

## Process Flow

This section describes the steps required to configure and use the business package and also uninstalling the package.

To use the business package:

1. Installing Business Package for Business Rule Management by ILOG
2. Enable single sign-on for *ILOG Rule Execution Server*
  - Configure a System Object for *ILOG Rule Execution Server*
  - Map the portal users to the users of *ILOG Rule Execution Server*
3. Enable single sign-on for *ILOG Rule Team Server*
  - Configure a System Object for *ILOG Rule Team Server*
  - Map the portal users to the users of *ILOG Rule Team Server*

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## Business Package for Business Rule Management by ILOG



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4. Configure the permission of Business Package for Business Rule Management by ILOG.
5. Uninstalling Business Package for Business Rule Management by ILOG.

### Installing Business Package for Business Rule Management by ILOG

Import the enterprise portal archive `com.ilog.pct.rules.epa` to SAP Enterprise Portal.

### Enabling single sign-on for Rule Execution Server

The following steps allow you to enable single sign-on for the Rule Execution Server iView.

#### Configure the System Object of Rule Execution Server Console

1. Log in to SAP Enterprise Portal with *Administrator* role and choose *System Administration* → *System Configuration*.
2. In the *Browse* panel, navigate to *Portal Content* → *Content Provided by Other Vendors* → *End User Content* → *ILOG: Business Rule Management*. Double-click *Rule Execution Server Console* to launch the *Property Editor*.
3. Configure the *System Definition* of Rule Execution Server Console System Object:
  - a. In the *Property Editor* of the system object, change the *Property Category* to **System Definition**.
  - b. Set **Name of the server** with the host of the *ILOG Rule Execution Server Console*. The default value is `localhost`. Change this value if *ILOG Rule Execution Server Console* is running on different machine.
  - c. Set **Port Number** with the port number of the *ILOG Rule Execution Server Console*. The default value is `8080`.
  - d. Click **Save**.
4. Add system alias '*ILOG\_RuleExecutionServerConsole*' to Rule Execution Server Console System Object:
  - a. In the *Property Editor* of the system object, change the *Display* to **System Aliases**.
  - b. Enter **ILOG\_RuleExecutionServerConsole** and click **Add**.

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- c. Click **Save**.
5. Add the *Rule Administrator* role to the permission list of the Rule Execution Server Console System Object:
  - a. In the *Property Editor* of the system object, change the *Display* to **Permissions**.
  - b. Search for the role of *Rule Administrator* (*com.ilog.pct.rules.roles.ruleAdmin\_showcase*).
  - c. Add the role of *Rule Administrator* to the permission list.
  - d. Check **End User** column of the *Rule Administrator* role in the permission list.
  - e. Click **Save**.

### Configure user mapping for Rule Execution Server Console

1. Navigate to *Users Administration* → *User Mapping*.
2. Search for the *Rule Administrator* (*com.ilog.pct.rules.roles.ruleAdmin\_showcase*) role. Then click **edit**.
3. Choose *ILOG\_RuleExecutionServerConsole* from the drop down list of *System* on the right side.
4. Map the role to *bres*, who is the authorized user of *Rule Execution Server Console*.
  - a. Enter the following:  
**username:** *bres*  
**Password:** *bres*  
Note that the above values are customizable and they depend on the settings of Rule Execution Server.
  - b. Click **Save**.

The rule administrator is authorized to log on to *ILOG Rule Execution Server*.

### Enabling single sign-on for Rule Team Server

The following steps allow you to enable single sign-on for the Rule Team Server iView.

#### Configure the System Object of Rule Team Server

1. Navigate to *System Administration* → *System Configuration*.

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2. In the *Browse* panel, navigate to *Portal Content* → *Content Provided by Other Vendors* → *End User Content* → *ILOG: Business Rule Management*. Double-click *Rule Team Server* to launch the *Property Editor*.
3. Specify the *System Definition* of Rule Team Server Console System Object:  
In the *Property Editor* of the system object, change the *Property Category* to **System Definition**.
  - a. Set **Name of the server** with the host of the *ILOG Rule Team Server*. The default value is localhost. Change this value if *ILOG Rule Team Server* is running on different machine.
  - b. Set **Port Number** with the port number of the *ILOG Rule Team Server*. The default value is 8080.
  - c. Click **Save**.
4. Add system alias '*ILOG\_RuleTeamServer*' for Rule Team Server Console System Object:
  - a. Change the Display to **System Aliases**.
  - b. Enter **ILOG\_RuleTeamServer** and click **Add**.
  - c. Click **Save**.
5. Add the *Policy Manager* and *Rule Administrator* role to the permission list of the Rule Team Server System Object:
  - f. In the *Property Editor* of the system object, change the *Display* to **Permissions**.
  - g. Search for \*rule\* in the roles.
  - h. Add the role of *Policy Manager*(*com.ilog.pct.rules.roles.policyMgr\_showcase*) and *Rule Administrator*(*com.ilog.pct.rules.roles.ruleAdmin\_showcas*) to the permission list.
  - i. Check the "End User" of the *Policy Manager* and *Rule Administrator* role in the permission list.
  - j. Click **Save**.

### Configure user mapping for Rule Team Server

1. Navigate to *Users Administration* → *User Mapping*.

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2. Search for the *Policy Manager*(*com.ilog.pct.rules.roles.policyMgr\_showcase*) role, and then click **edit**.
3. Choose *ILOG\_RuleTeamServer* from the drop down list of *System* on the right side.
4. Map the *Policy Manager* role to *rtsAdmin*, who is the authorized user of *ILOG Rule Team Server*.
  - a. Enter the following:  
**username:** *rtsAdmin*  
**password:** *rtsAdmin*

Note that the above values are changeable and they depend on the settings of *ILOG Rule Team Server*.

- b. Click **Save**.

The *Policy Manager* role is authorized to log on to *ILOG Rule Team Server*.

5. Search for the *Rule Administrator*(*com.ilog.pct.rules.roles.ruleAdmin\_showcase*) role, and then click **edit**.
6. Choose *ILOG\_RuleTeamServer* from the drop down list of *System* on the right side.
7. Map the *Rule Administrator* role to *rtsAdmin*, who is the authorized user of *ILOG Rule Team Server*.
  - a. Enter the following:  
**username:** *rtsAdmin*  
**password:** *rtsAdmin*.

Note that the above values are changeable and they depend on the settings of *ILOG Rule Team Server*.

- b. Click **Save**.

The *Rule Administrator* role is authorized to log on to *ILOG Rule Team Server*.



### Configure the permission Business Package for Business Rule Management by ILOG

1. Navigate to *Content Administration* → *Portal Content*.
2. In the *Browse* panel, navigate *Portal Content* → *Content Provided by Other Vendors* → *End User Content* → *ILOG Business Rules*, right-click **ILOG: Business Rule Management** and select **open** → **permissions**.
3. Search for **\*rule\*** in Roles.
4. Add role **com.ilog.pct.rules.roles.policyMgr\_showcase** and **com.ilog.pct.rules.roles.ruleAdmin\_showcase** to assigned permission and check their **end user** column.
5. Click **Save**.

### Uninstalling Business Package for Business Rule Management by ILOG

1. Navigate to *Content Administration* → *Portal Content*.
2. In the *Browse* panel, navigate *Portal Content* → *Content Provided by Other Vendors* → *End User Content* → *ILOG Business Rules*, right-click **ILOG: Business Rule Management** and select **delete**.
3. Navigate to *System Administration* → *Support* → *Portal Runtime* → *Administration Console*.
4. In the *Archive Remover* section, select *com.ilog.pct.rules* from the drop down list.
5. Click **Clean**.

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## Business Package for Business Rule Management by ILOG



# Rule Execution Server Console iView Documentation

### Technical Data

Provider/Homepage	ILOG Inc./www.ilog.com
Application type	Java/HTMLB (WAS 6.40 and higher)
Technical name	com.ilog.pct.rules.iviews.resconsole
Available for portal (release)	SAP Enterprise Portal 6.0
Languages	English
Support	<a href="mailto:sap-info@ilog.com">sap-info@ilog.com</a>

## Features

This iView provides a hyperlink to *ILOG Rule Execution Server Console*. End user of SAP Portal can access the *ILOG Rule Execution Server Console* by clicking this hyperlink. Through the console, you are able to manage and monitor the business rules deployed on the server.

## Prerequisites

- You must deploy *ILOG Rule Execution Server* on a supported J2EE server. For the list of supported application servers, please email to [sap-info@ilog.com](mailto:sap-info@ilog.com) or refer to the ILOG JRules documentation.
- The *ILOG Rule Execution Server* must be started so that iViews can access the URL.
- Rule Execution Server must be customized to enable single sign-on. Please email to [sap-info@ilog.com](mailto:sap-info@ilog.com) for more details.
- The URL specified in the *ILOG Rule Execution Server System Object* defined in Enterprise Portal must match the server URL that hosts *ILOG Rule Execution Server*.
- The mapping between portal users and *ILOG Rule Execution Server* must be done.

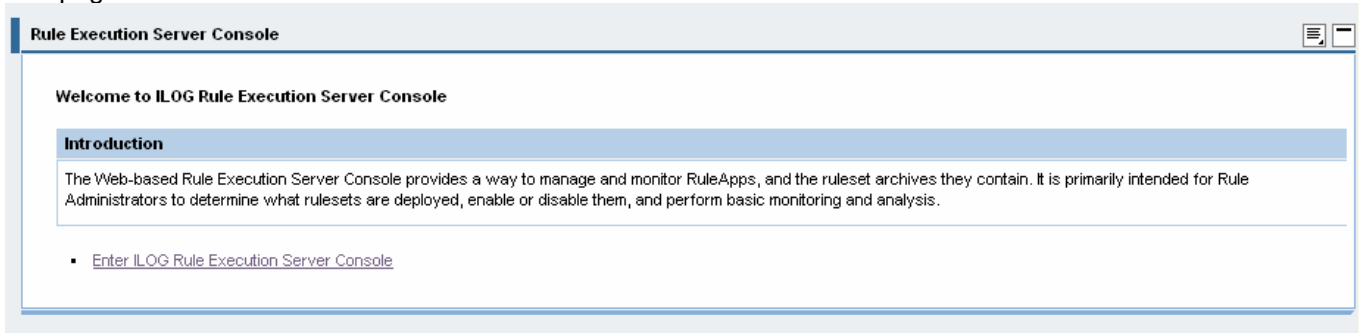
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## Business Package for Business Rule Management by ILOG



## Example

The page looks like this:





## Rule Team Server iView Documentation

### Technical Data

Provider/Homepage	ILOG Inc./www.ilog.com
Application type	Java/HTMLB (WAS 6.40 and higher)
Technical name	com.ilog.pct.rules.iviews.teamserver
Available for portal (release)	SAP Enterprise Portal 6.0
Languages	English
Support	<a href="mailto:sap-info@ilog.com">sap-info@ilog.com</a>

### Features

This iView provide a hyperlink to *ILOG Rule Team Server*. End users of SAP Portal can access *ILOG Rule Team Server* by clicking this hyperlink. With *ILOG Rule Team Server*, you can author, edit and organize your business rules.

### Prerequisites

- You must deploy *ILOG Rule Team Server* on a supported J2EE application server. For the list of supported application servers, please email to [sap-info@ilog.com](mailto:sap-info@ilog.com) or refer to the ILOG JRules documentation.
- *ILOG Rule Team Server* must be started so that iViews can access the URL.
- *ILOG Rule Execution Server* must be customized to enable single sign-on. Please email to [sap-info@ilog.com](mailto:sap-info@ilog.com) for more details.
- The URL specified in the *Rule Team Server System Object* defined in Enterprise Portal must match the server URL that hosts *ILOG Rule Team Server*.
- The mapping between portal users and *ILOG Rule Team Server* must be done.



## For SAP Netweaver users

### Example

The page looks like this:

**Rule Team Server**

**Welcome to ILOG Rule Team Server**

**Introduction**

ILOG Rule Team Server is an important part of your company's BRMS and serves as a designated workspace where you can work collaboratively to author, edit, organize, and search for your business rules. With Rule Team Server you access rule projects, which contain all the elements you need to author and manage your company's business rules.

- [Enter ILOG Rule Team Server](#)

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