**BPMN Convert User Guide** 



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# **BPMN Convert Overview**

This chapter gives you a short overview of JBoss BPMN Convert module.

JBoss BPMN Convert module is a tool used for a BPMN file translation.

As a part of JBoss tools, JBoss BPMN Convert module implements BPMN -> JPDL translation. You can get a basic JPDL file from a BPMN file by using this module.

The BPMN file may be written by hands or with the help of some editors. In this guide, we use STP BPMN editor to draw a BPMN file.

You can download the editor which is included into BPMN Modeler from Eclipse download or update site. On the *Eclipse BPMN project page* [http://www.eclipse.org/bpmn] you can find the necessary links and other related information.

## **1.1. Key Features of JBoss BPMN Convert module**

For a start, we propose you to look through the table of main features of JBoss BPMN Convert module:

Feature	Benefit	Chapter
STP BPMN Editor	JBoss BPMN Convert module contains STP	creating a BPMN file
	Business Process Modeling Notation (BPMN)	by STP BPMN editor
	Editor which is a tool to express any processes	
	in a graphical form (simple diagrams with a set	
	of some graphical elements). Created BPMN	
	files can then be converted to jPDL.	

#### Table 1.1. Key Functionality of JBoss BPMN Convert module

# **Translate a Bpmn file to a JPDL file**

In this chapter we provide you with the necessary steps to translate a Bpmn file to a JPDL file.

# 2.1. Creating a project

Before creating a Bpmn file, you should have a Project created.

Create a project by *New > Project... > General > Project*. Enter the following information:

Project Name: test

New Project	×
Project	
Create a new project resource.	
Project name: test	
☑ Use default location	
Location: /home/ubuntu/workspace/test	Browse
Working sets	
Add project to working sets	
Working sets:	Select
⑦ < Back Next >	<u>F</u> inish Cancel

#### Figure 2.1. Creating a Project

Click on the Finish button.

## 2.2. Creating a Bpmn File by STP BPMN Editor

Create a BPMN diagram file by *New > Others... > Bpmn Diagram*. Enter the following information:

File Name: test

	×
Create Bpmn Diagram	9
Create a new Bpmn diagram.	2
Enter or select the parent folder:	
test	
🖨 test	
File na <u>m</u> e: test	
Advanced >>	
⑦ < <u>B</u> ack Next > Finish Ca	ancel

#### Figure 2.2. Creating BPMN Diagram

Click on the Finish button.

Open the test.bpmn\_diagram file by double-click it.

Draw the Bpmn diagram using STP BPMN editor. If you do not know how to use STP BPMN editor, please visit <u>BPMN project page for details</u> [http://www.eclipse.org/bpmn/].

## 2.3. Exporting a Bpmn File to Jpdl files

A Bpmn file may include more than one pool. Every pool can be mapped to a corresponding Jpdl file.

Select 'test.bpmn' file and right-click it. Open the export wizard by *Export... > BPMN Export > BPMN -> JPDL*.

Export	×
Select	A
Export a BPMN file to jPDL	Ľ
Select an export destination:	
type filter text	
🕨 🗁 General	<u>_</u>
V 🗁 BPMN	
🚦 BPMN to jPDL	
🕨 🗁 EJB	=
ESB	
Þ 🗁 java	
🕨 🗁 Java EE	
👂 🗁 JavaScript	
Plug-in Development	
Run/Debug	~
O  Back Next > Einish	Cancel

## Figure 2.3. BPMN Export

Click on the Next button.

• Select the BPMN file that you want to translate.

BPMN to jPDL Conversion	×
BPMN Resources	
Select BPMN resources to convert	
BPMN resources	
▼ 🗁 test	
🛛 test.bpmn	
② < Back Next > Einish	Cancel

## Figure 2.4. Choosing a BPMN File

Click on the Next button.

• Select the Pools of BPMN that you want to translate.

0	BPMN to	jPDL Conversio	on 🗙
BPMN Pools			
Select BPMN pools to	o translate		
BPMN pools			
✓ _j0_ujB4KEd61Ps	7D-EV2zQ=Pool		
			Select All Deselect All
0	< <u>B</u> ack	Next >	Einish Cancel

### Figure 2.5. Choosing BPMN Pools

Click on the Next button.

• On the next page, you may get error or warning messages that occurred during the conversion. If there are no messages, this page is skipped.

Click on the Next button.

• Select the target location to save the generated JPDL files.

<b>B</b>	N to jPDL Conversion	×
Target Location		
Select the target location		
Target location		
🕨 🚍 test		
Overwrite existing resources		
⑦ <u>&lt; B</u> ac	Next > Einish	Cancel

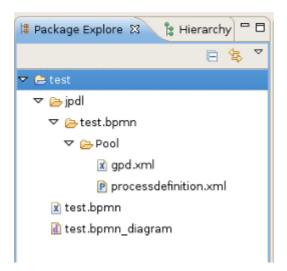
#### Figure 2.6. Target Location

• If you'd like to overwrite existing resources, check this "Overwrite existing resources" checkbox.

Click on the Finish button.

Then the JPDL files are generated to the target location.

The generated files look like this:



### Figure 2.7. The Generated JPDL Files

We hope, this guide helped you to get started with the JBoss BPMN Convert module. Besides, for additional information you are welcome on <u>JBoss forum</u> [http://www.jboss.com/index.html? module=bb&op=viewforum&f=201].