

BPMN Convert User Guide

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BPMN Convert Overview

This chapter provides a short overview of the JBoss BPMN Convert module, which is a tool used to translate BPMN files. Specifically, the JBoss BPMN Convert module allows you to translate BPMN files to a basic JPDL.

The BPMN file may be written by hand, or created with the aid of an editor. In this guide, we will use the STP BPMN editor to draw a BPMN file.

You can download the editor, which is included with the BPMN Modeler, using Eclipse and the SOA Tools project update site. You can find the necessary links and other related information on the [Eclipse BPMN project page](http://www.eclipse.org/bpmn) [http://www.eclipse.org/bpmn].

**Note**

In order to satisfy the dependencies when installing the BPMN Modeler, you will need to add the following update sites to JBDS:

- <http://download.eclipse.org/stp/updates/helios>
- <http://download.eclipse.org/releases/helios>

1.1. Key Features of JBoss BPMN Convert module

The table below lists the main features of the JBoss BPMN Convert module:

Table 1.1. Key Functionality of JBoss BPMN Convert module

Feature	Benefit	Chapter
STP BPMN Editor	JBoss BPMN Convert module contains the STP Business Process Modeling Notation (BPMN) Editor, which is a tool to express any processes in a graphical form (as simple diagrams with a set of graphical elements). These BPMN files can then be converted to JPDL.	Section 2.2, “Creating a BPMN file using the STP BPMN editor”

Translate a BPMN file to a JPDL file

This chapter provides 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 selecting **File** → **New** → **Project...** → **General** → **Project**.

Enter **test** in the **Project name** field, and click the **Finish** button.

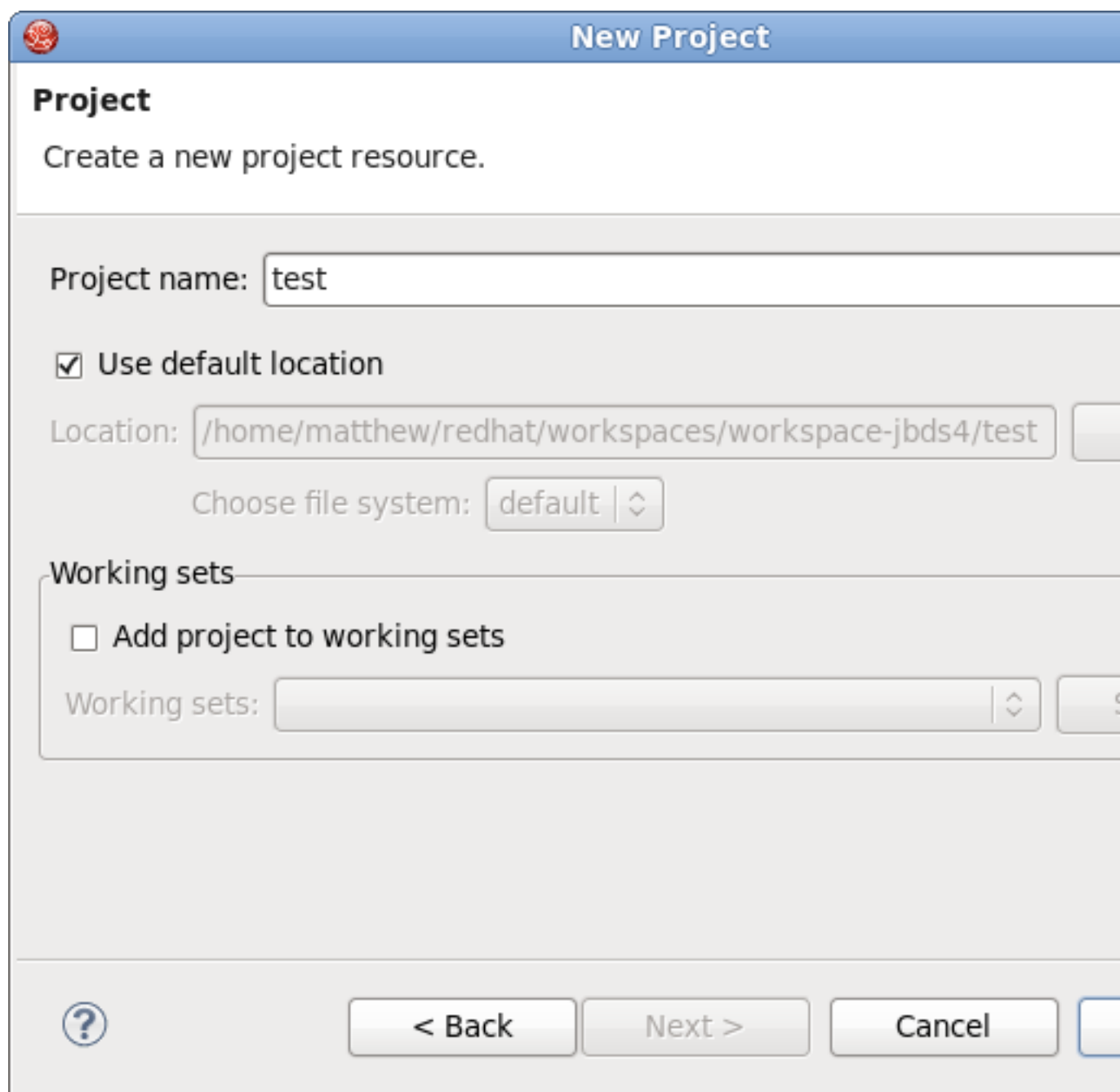


Figure 2.1. Creating a Project

2.2. Creating a BPMN file using the STP BPMN editor

Create a BPMN diagram file by selecting **File** → **New** → **Other...** → **Other** → **Bpmn Diagram**.

Enter **test** in the **File name** field, and click the **Finish** button.

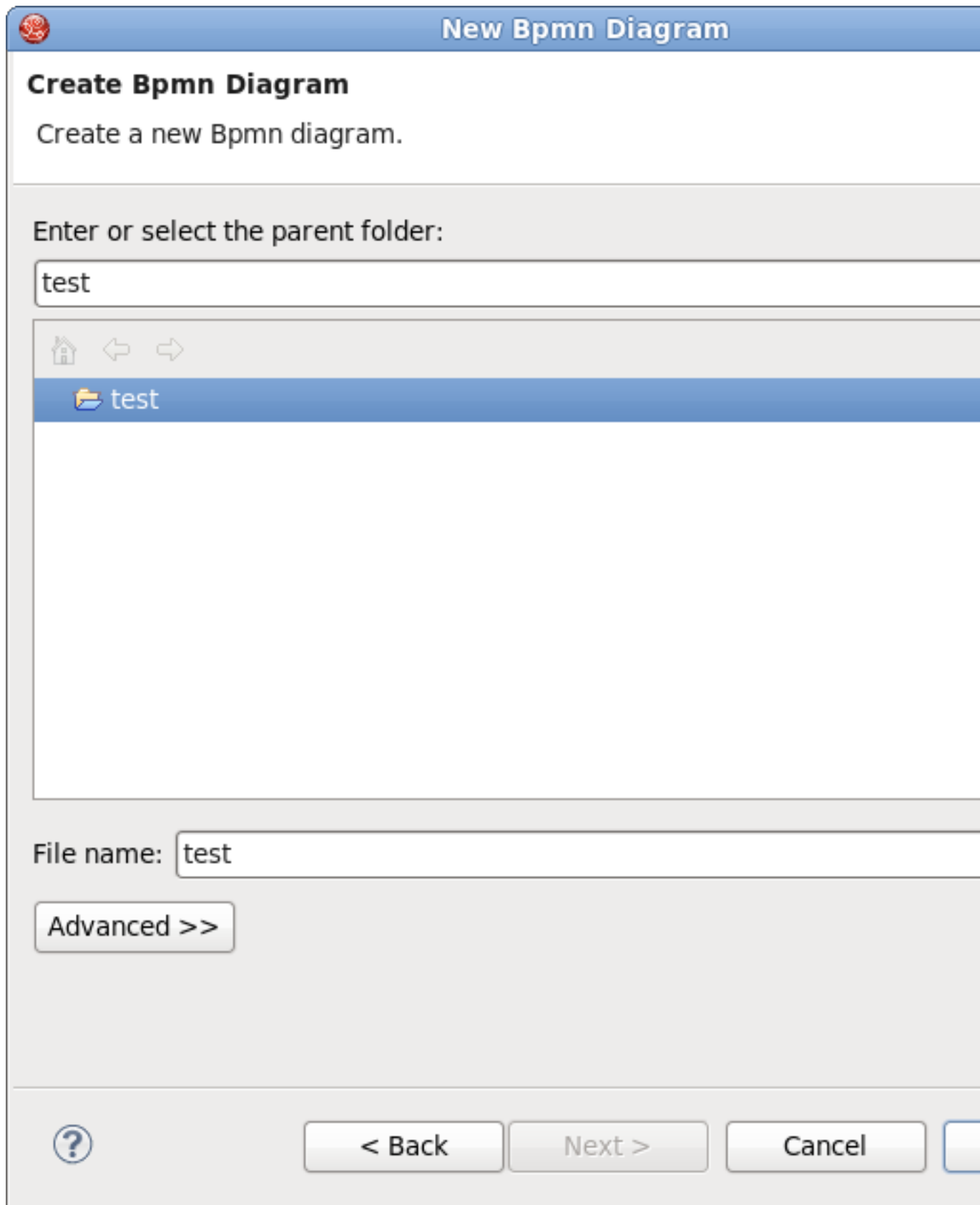


Figure 2.2. Creating BPMN Diagram

Open the **test.bpmn_diagram** file by double-clicking it.

Draw the BPMN diagram using the STP BPMN editor. For more information on how to use the STP BPMN editor, please visit the [BPMN project page](http://www.eclipse.org/bpmn/) [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 the **test.bpmn** file and right-click on it. Open the export wizard by selecting **Export... → BPMN → BPMN to JPDL...** from the context menu.

Click the **Next** button.

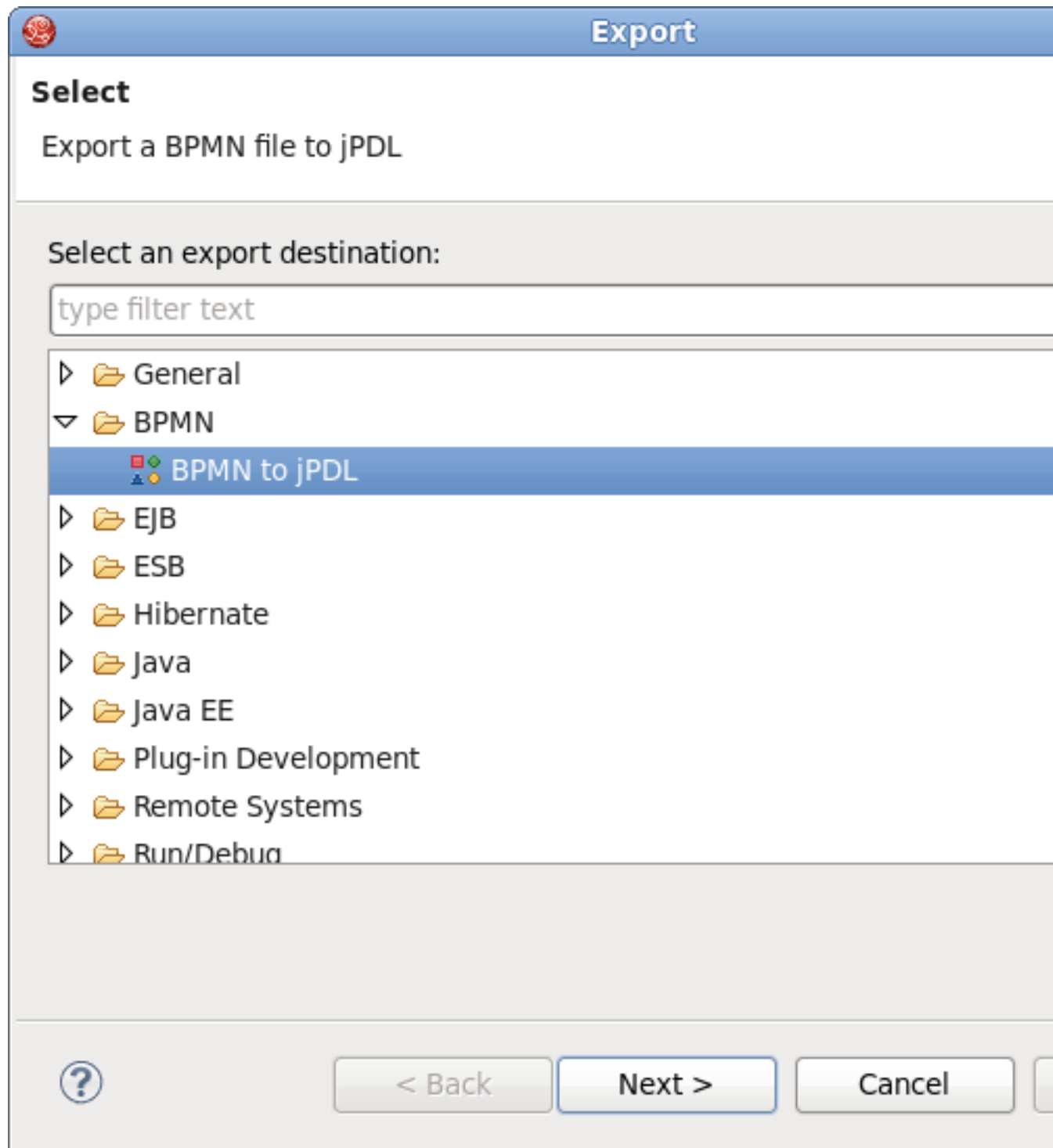


Figure 2.3. BPMN Export

- Select the BPMN file that you want to translate, and click the **Next** button.

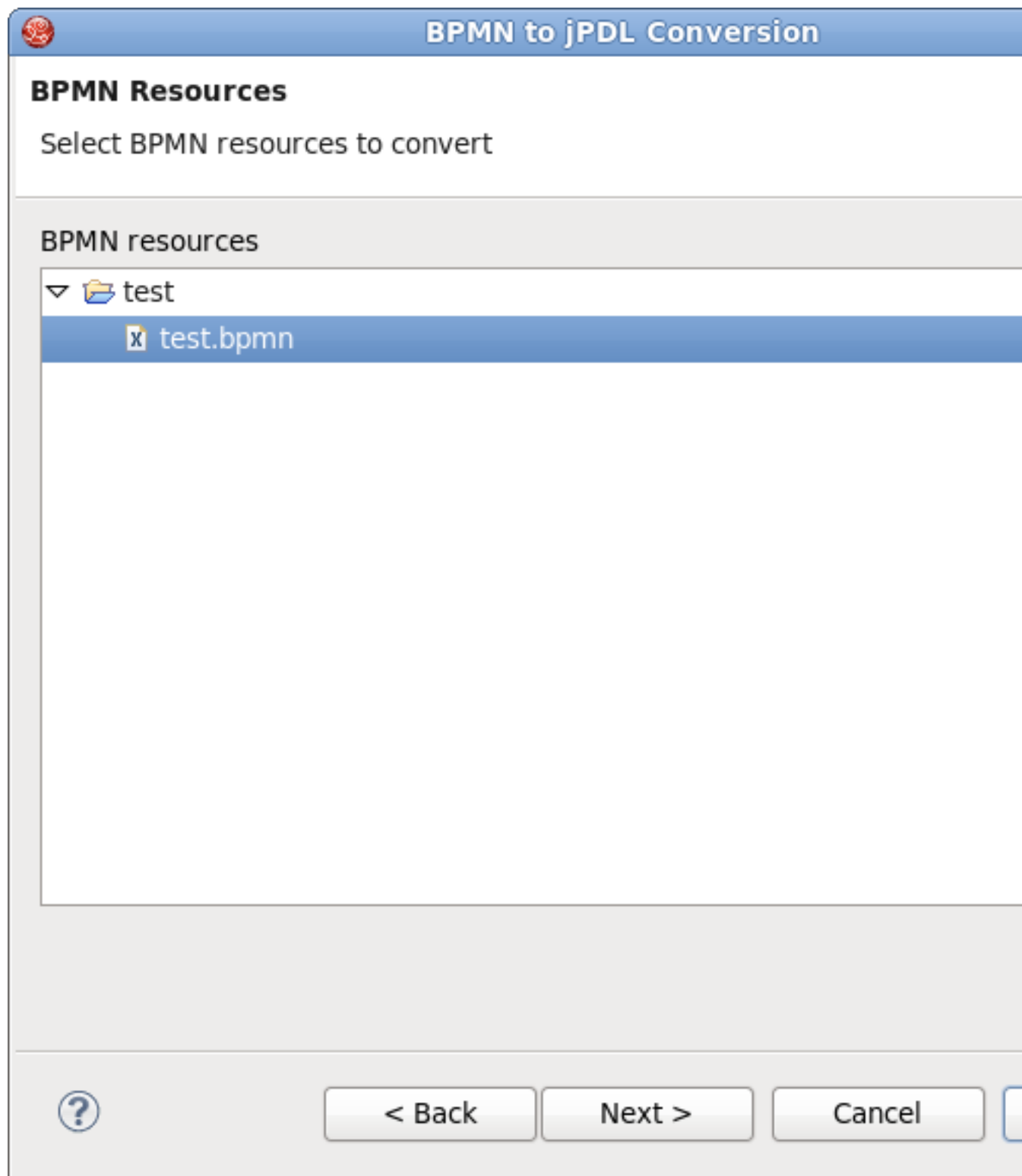


Figure 2.4. Choosing a BPMN File

- Select the BPMN Pools that you want to translate, and click the **Next** button.

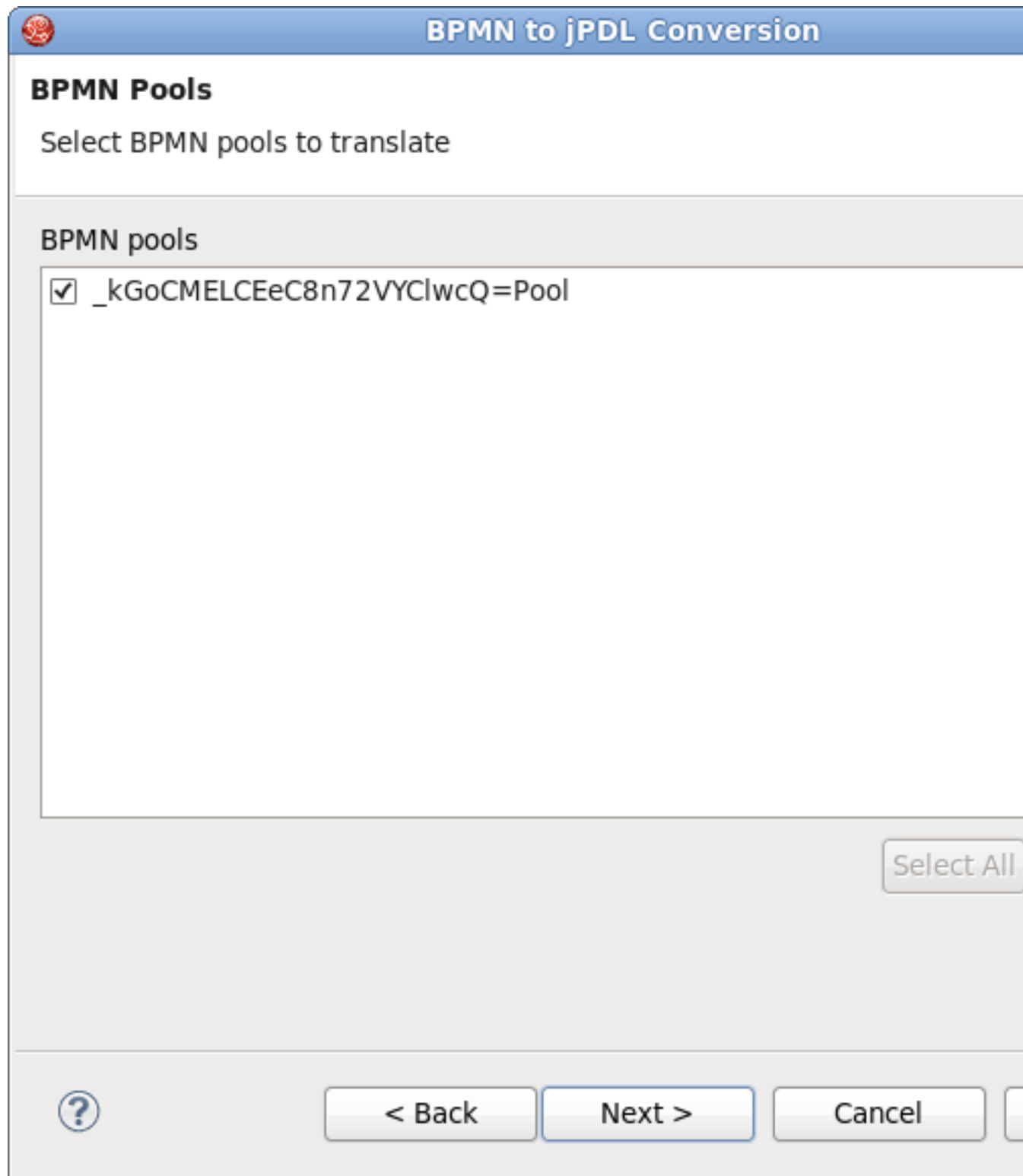


Figure 2.5. Choosing BPMN Pools

- 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 where the generated JPDL files will be saved. If you'd like to overwrite existing resources, check this "Overwrite existing resources" checkbox.

Click on the **Finish** button to generate the JPDL files in the target location.

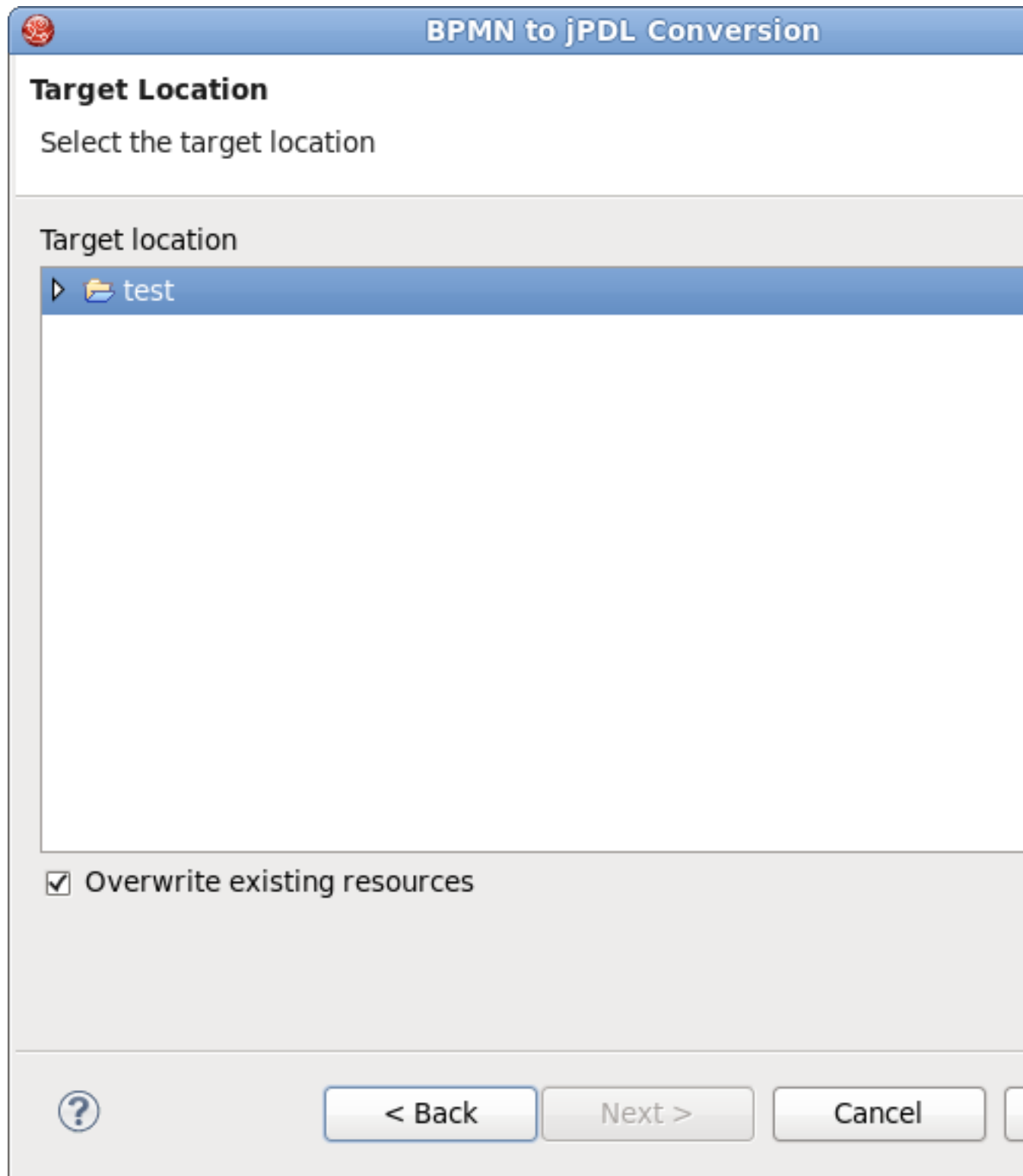


Figure 2.6. Target Location

The generated files look like this:

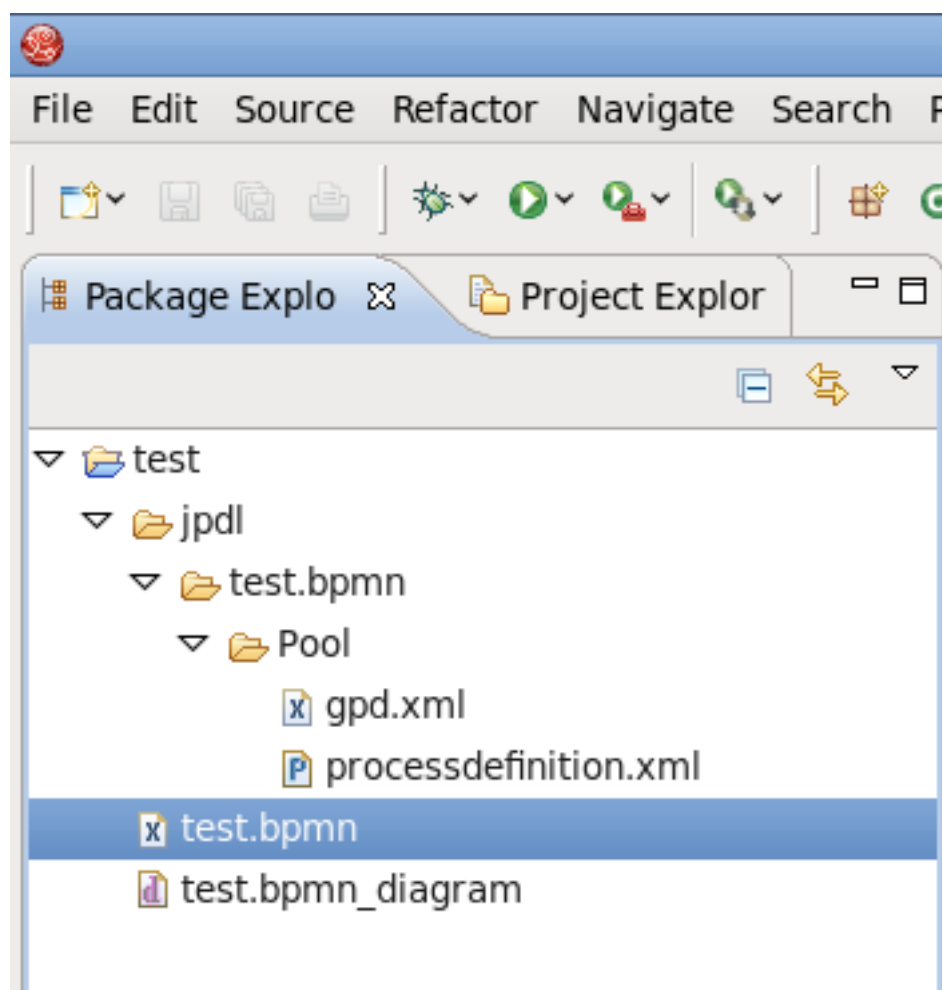


Figure 2.7. The Generated JPD Files

We hope this guide helped you to get started with the JBoss BPMN Convert module. For additional information and support please visit the [JBoss forum](http://www.jboss.com/index.html?module=bb&op=viewforum&f=201) [http://www.jboss.com/index.html?module=bb&op=viewforum&f=201].