

Exadel Studio Migration Guide

Version: 1.0.0.GA

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1

Introduction

This document is intended to help you to migrate an existing Exadel JSF or Struts projects into JBoss Developer Studio. Preferences can be exported from Eclipse 3.2.0 (3.2.1 or 3.2.2) and imported in Eclipse 3.3 by the standard Eclipse means.

2

Migrate workspace

You will not be able to run projects in JBoss Developer Studio using Exadel Studio workspace. In this case, project capabilities and settings specified in Exadel Studio will be lost. The simplest way to avoid this, is to copy your projects in JBoss Developer Studio workspace and make an import as it is described in the following chapters.

Migration of JSF and Struts Projects

3.1. JSF

JBoss Developer Studio includes an Import JSF Project Wizard that radically simplifies the process of bringing your existing JSF applications into your JBoss Developer Studio workspace as JSF projects. You just need to follow these four steps:

1. *Select File > Import...* from the menu bar, and then select *Other > JSF Project* from the Import dialog box that appears.

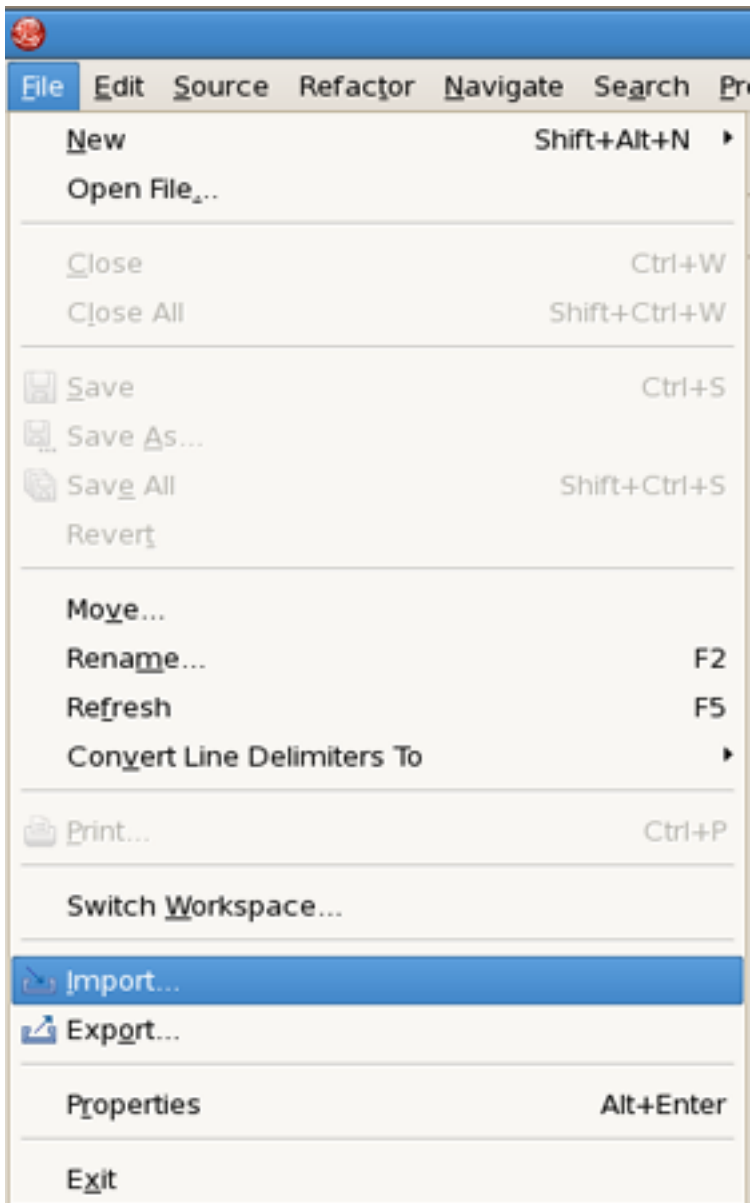


Figure 3.1. Selecting the Import Menu Item

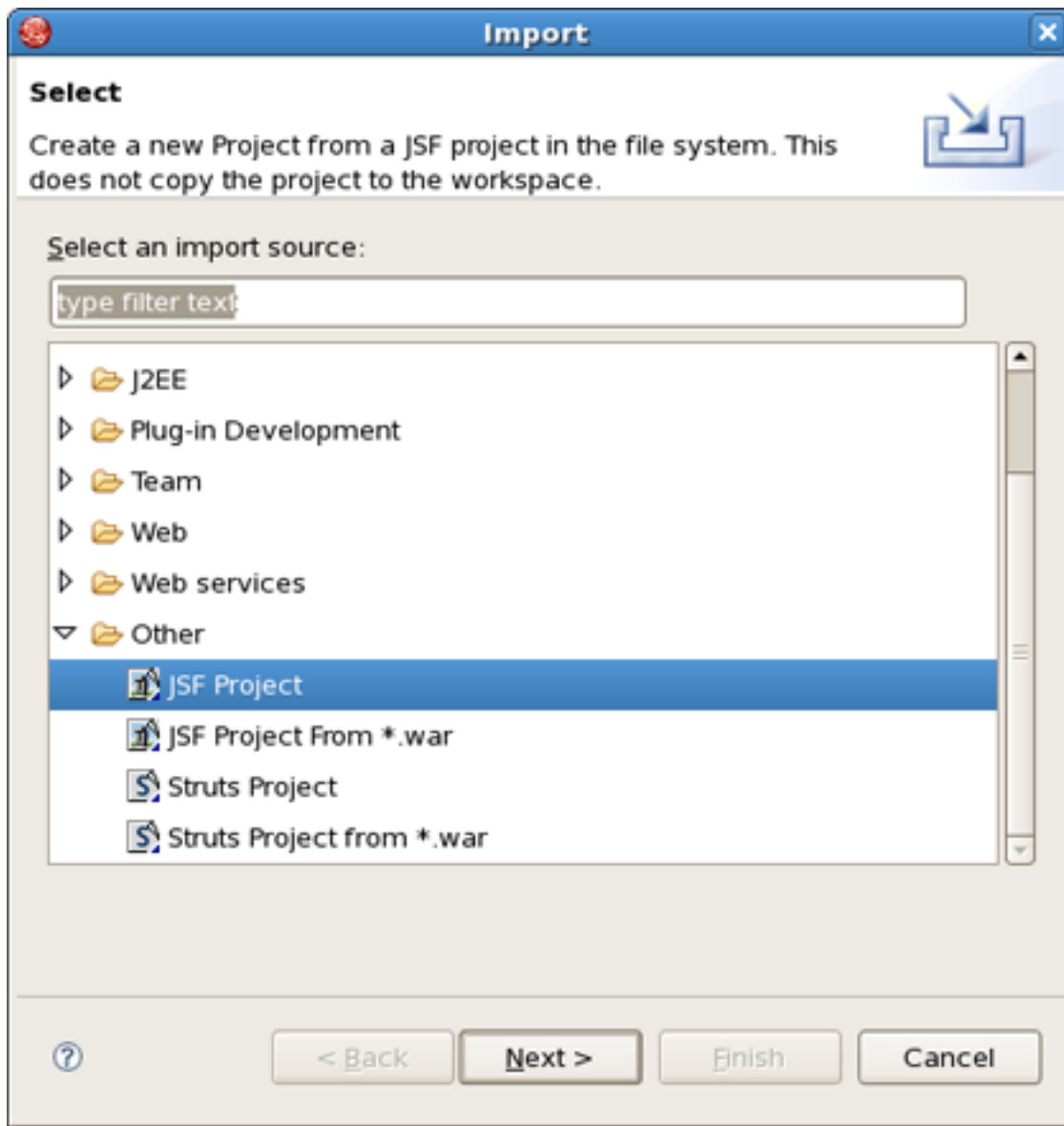


Figure 3.2. Selecting the Import JSF Project Wizard

2. In the first screen of the wizard, select the *Change...* button next to the *web.xml Location** field. Browse to the location of the web.xml file for the application you want to import as a JSF project. Once you select it, you'll be returned to the dialog box to see a project name derived from the web.xml file you selected. You can edit this project name, if you wish.

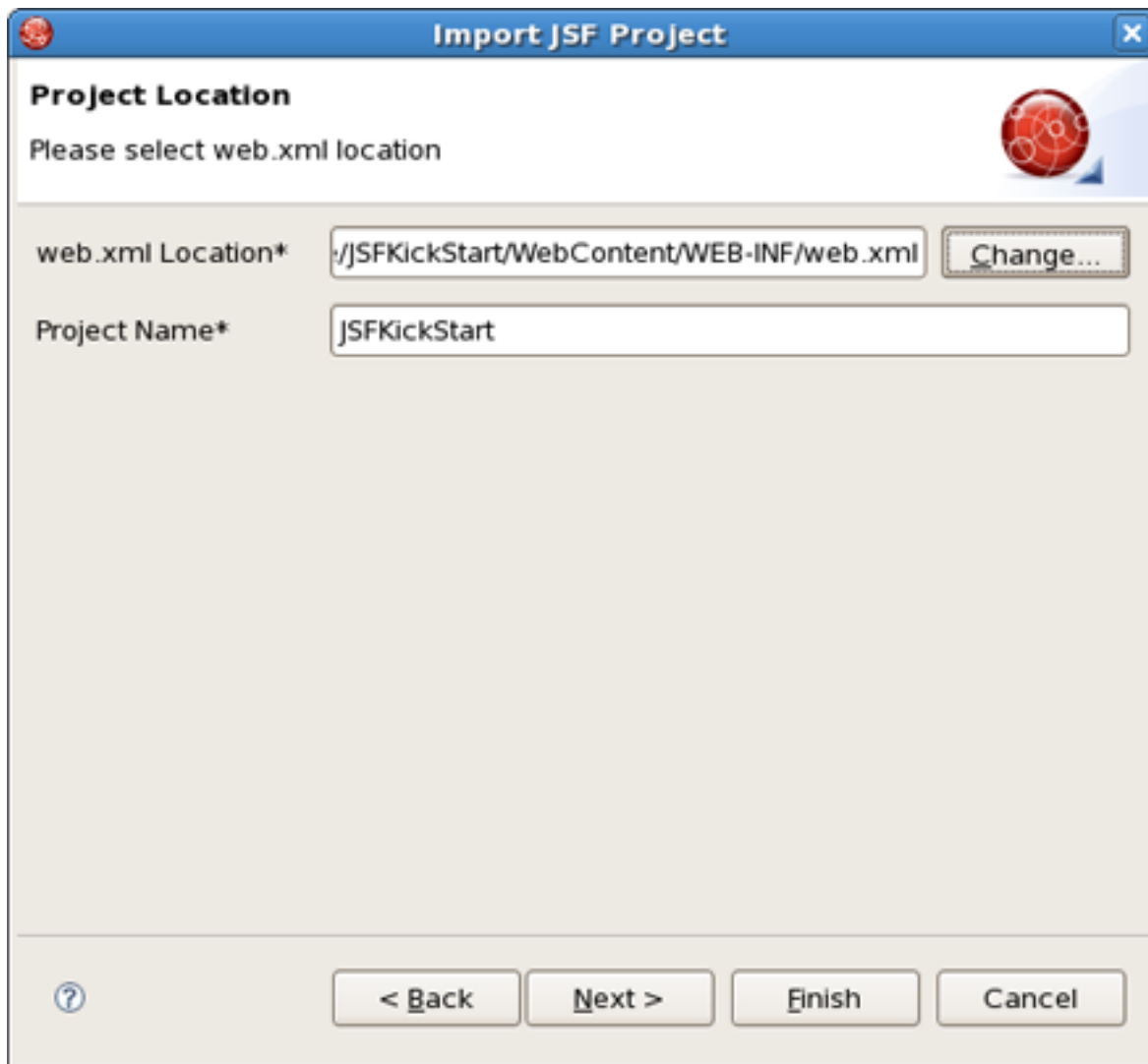


Figure 3.3. Selecting the Web.xml File in the Project Location Screen

3. In the *Project Folders* screen, you can configure the rest of your project. Afterwards click on the *Finish* button.

On this step JBoss Developer Studio will try to determine your project structure and set the values for: *Web Root*, *Source Folder*, *Classes Folder*, *Lib Folder*. If your project has a custom structure, some values might not be set. If this is the case, you can manually set those values by clicking the *Change...* button.

After dealing with these settings, you have to work through a few more configuration settings. These settings deal primarily with how the project will be deployed within JBoss Developer Studio.

First, if the project you are importing is not already a JSF project, select the *Add Libraries* check box to add all the JSF-related libraries to your project.

Then, you may select the JavaServer Faces implementation (*Environment*) and *Servlet Version*.

The *Context Path* is the name under which the application will be deployed.

The *Runtime* value tells Eclipse where to find Web libraries in order to build the project. It is not possible to finish the importing of a project without selecting a Runtime. If you don't have any choices displayed for this, select *New...* to add a new Runtime.

Finally, *Target Server* sets the server to deploy the application under. The Target Server corresponds to the Runtime value selected above. If you don't want to deploy the application, uncheck this value.

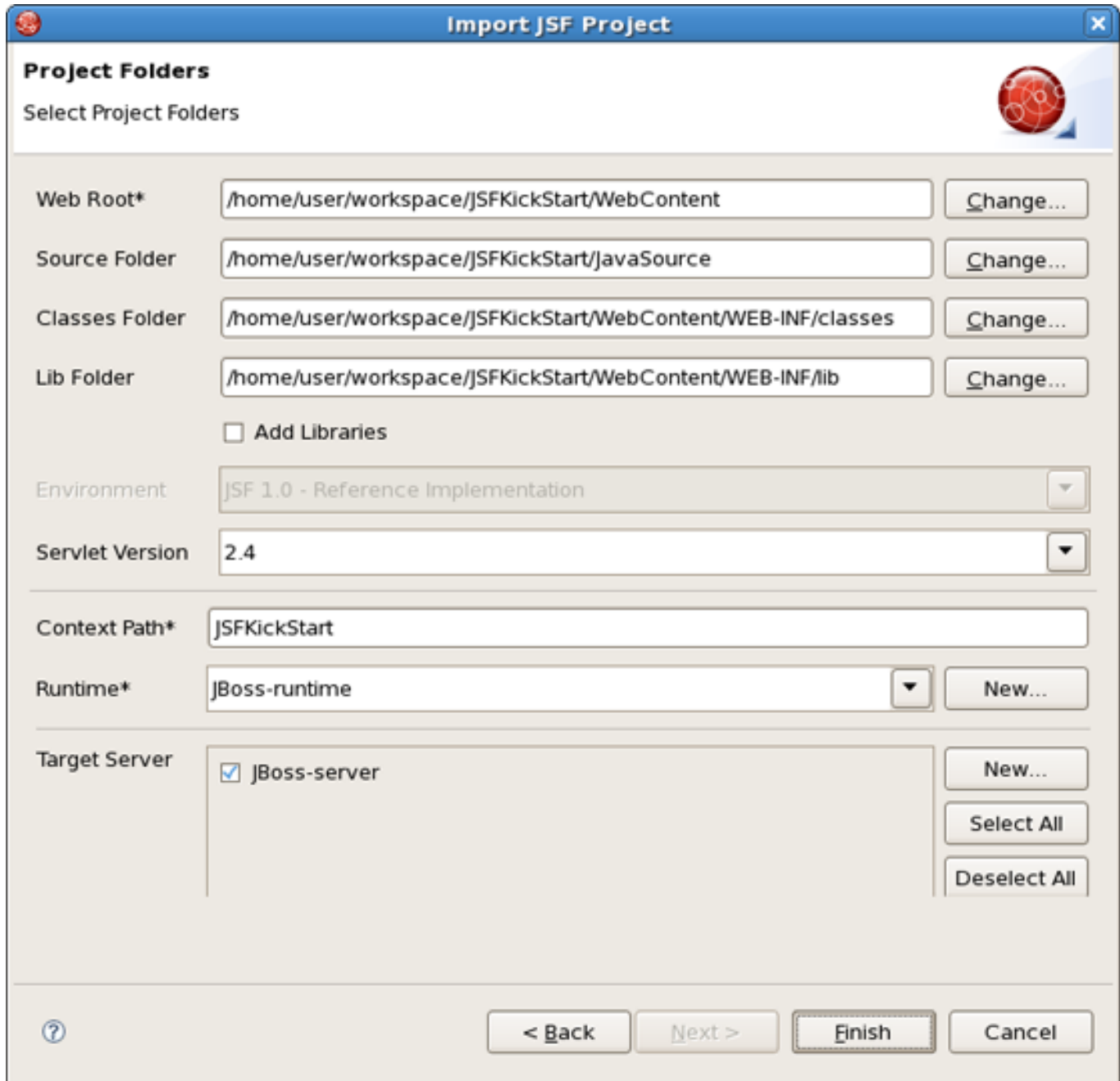


Figure 3.4. The Project Folders Screen

4. Once the project is imported, it will appear in the Package Explorer view.

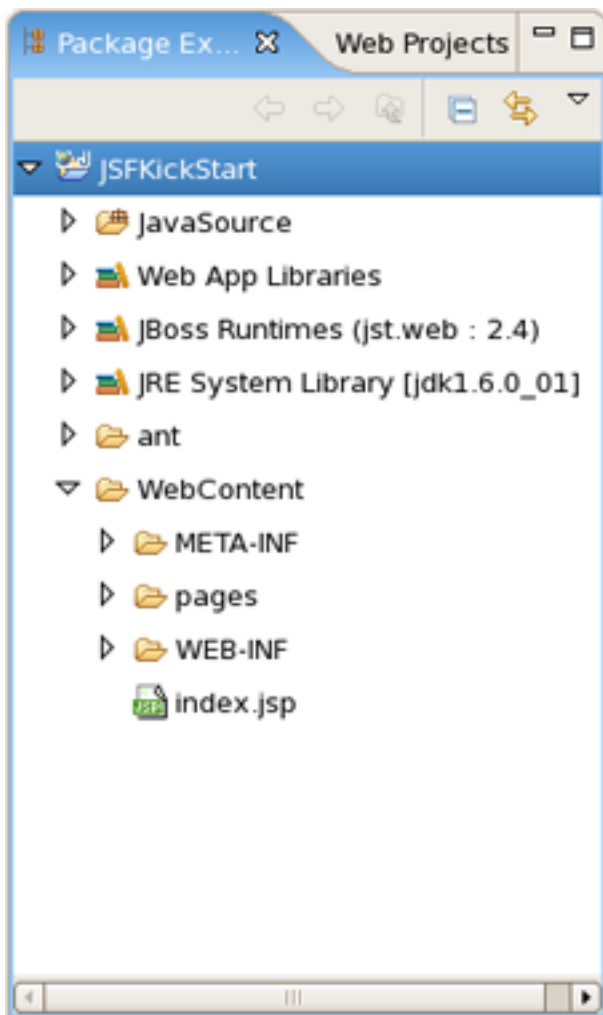


Figure 3.5. Imported Project in the Package Explorer View

3.2. Struts

1. Select *File > Import...* from the menu bar, and then select *Other > Struts Project* from the Import dialog box that appears.

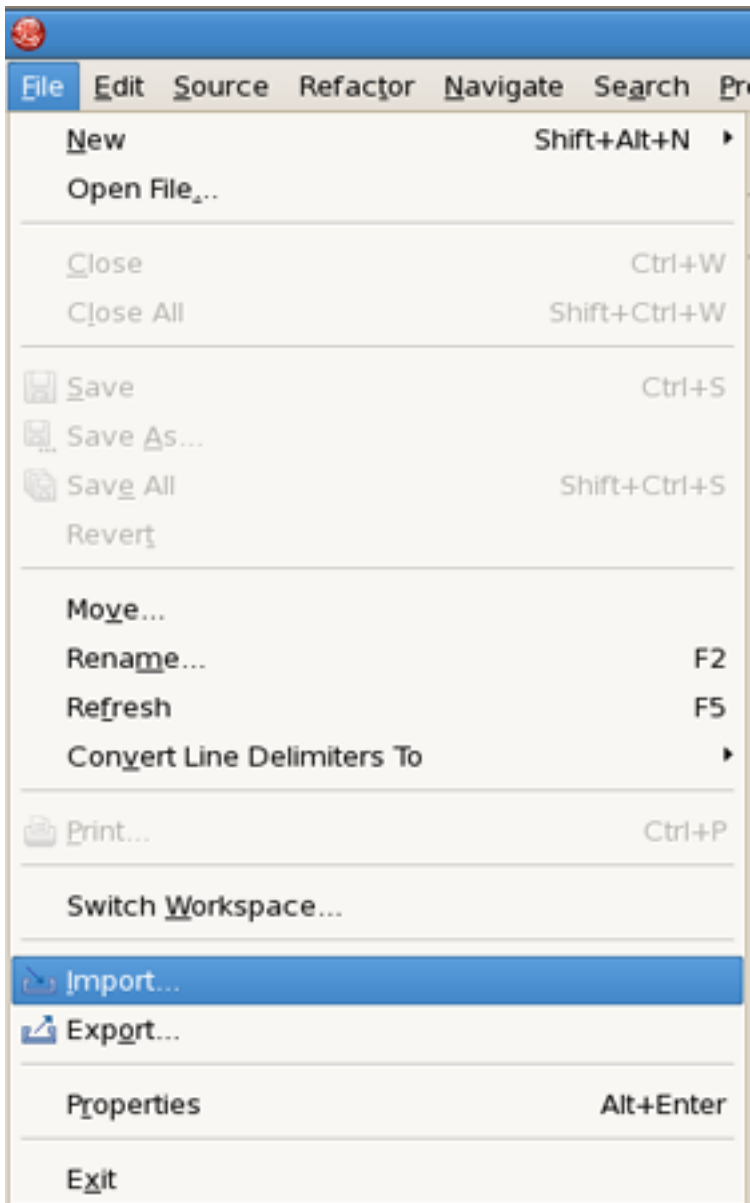


Figure 3.6. Selecting the Import Menu Item

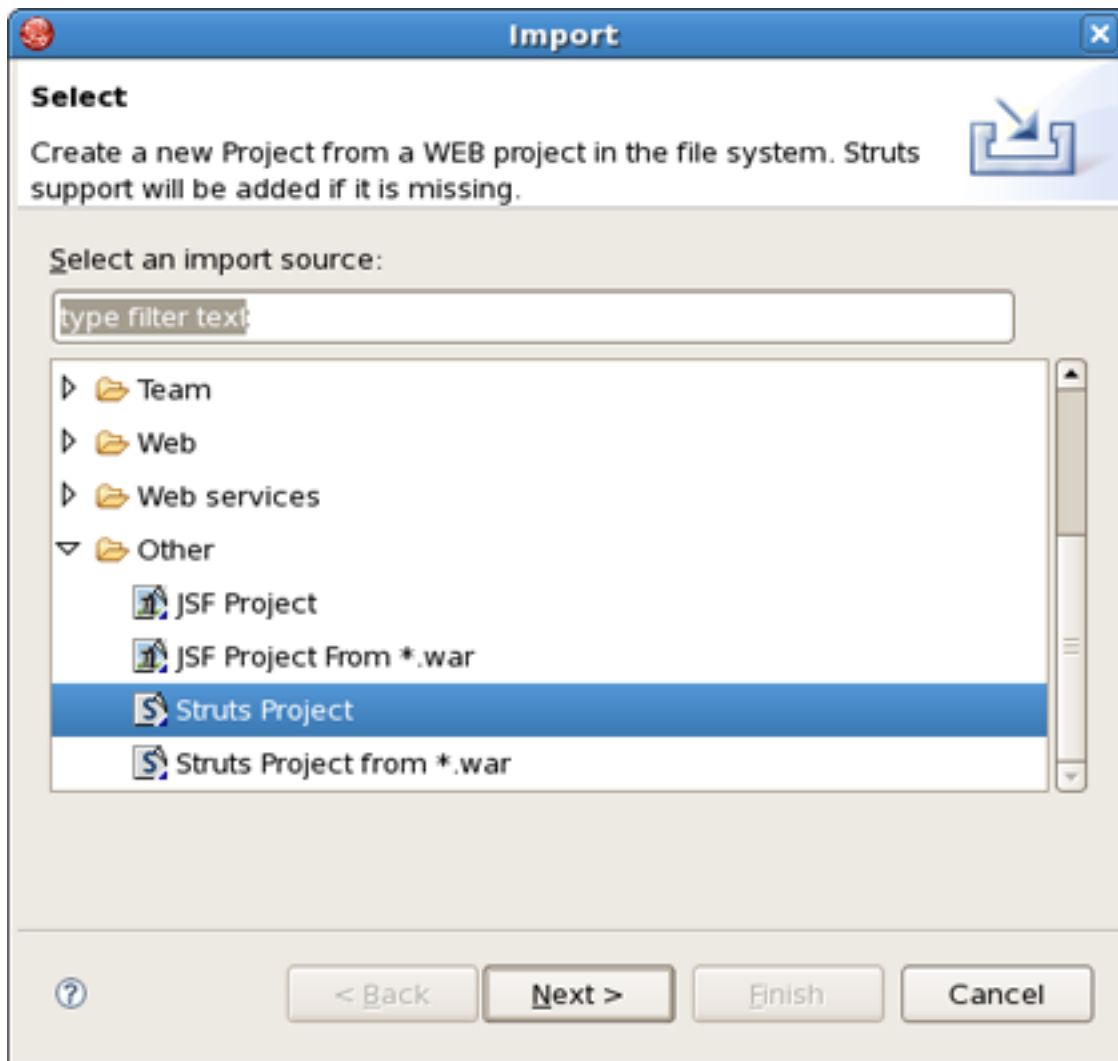


Figure 3.7. Selecting the Import Struts Project Wizard

2. In the Project Location screen of the wizard, select the *Change...* button next to the *web.xml Location** field. Browse the location of the web.xml file for the application you want to import as a Struts project. Once you select it, you'll be returned to the dialog box to see a project name derived from the web.xml file you selected. You can edit this project name, if you wish.

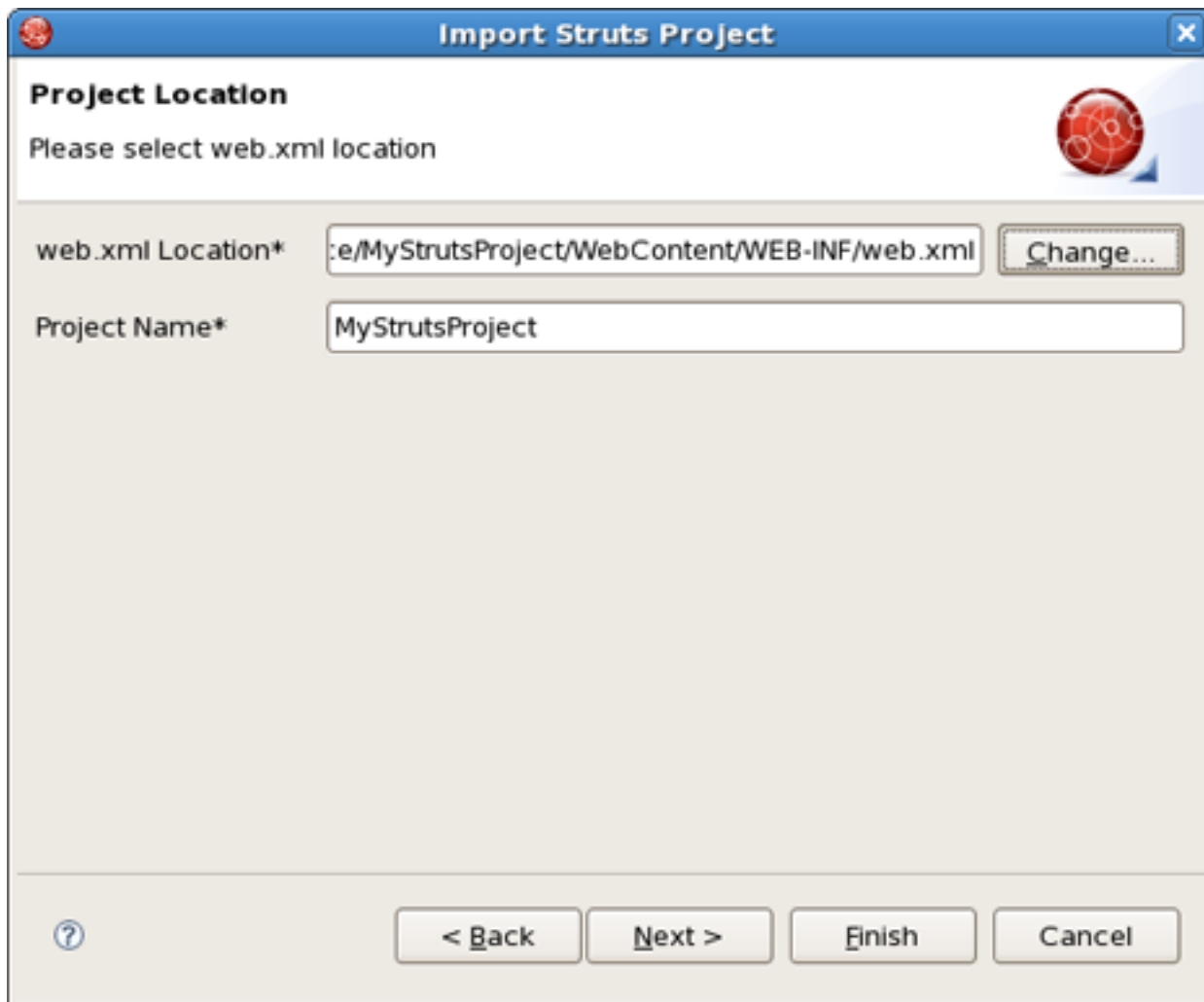


Figure 3.8. The Project Location Screen

3. In the next screen, JBoss Developer Studio will try to determine your project structure. The upper pane shows the modules in this project. The lower pane allows you to edit the details of the select module. If the project structure is non-standard, some values might be left blank. You can edit any values by hand or by using the *Change...* button.

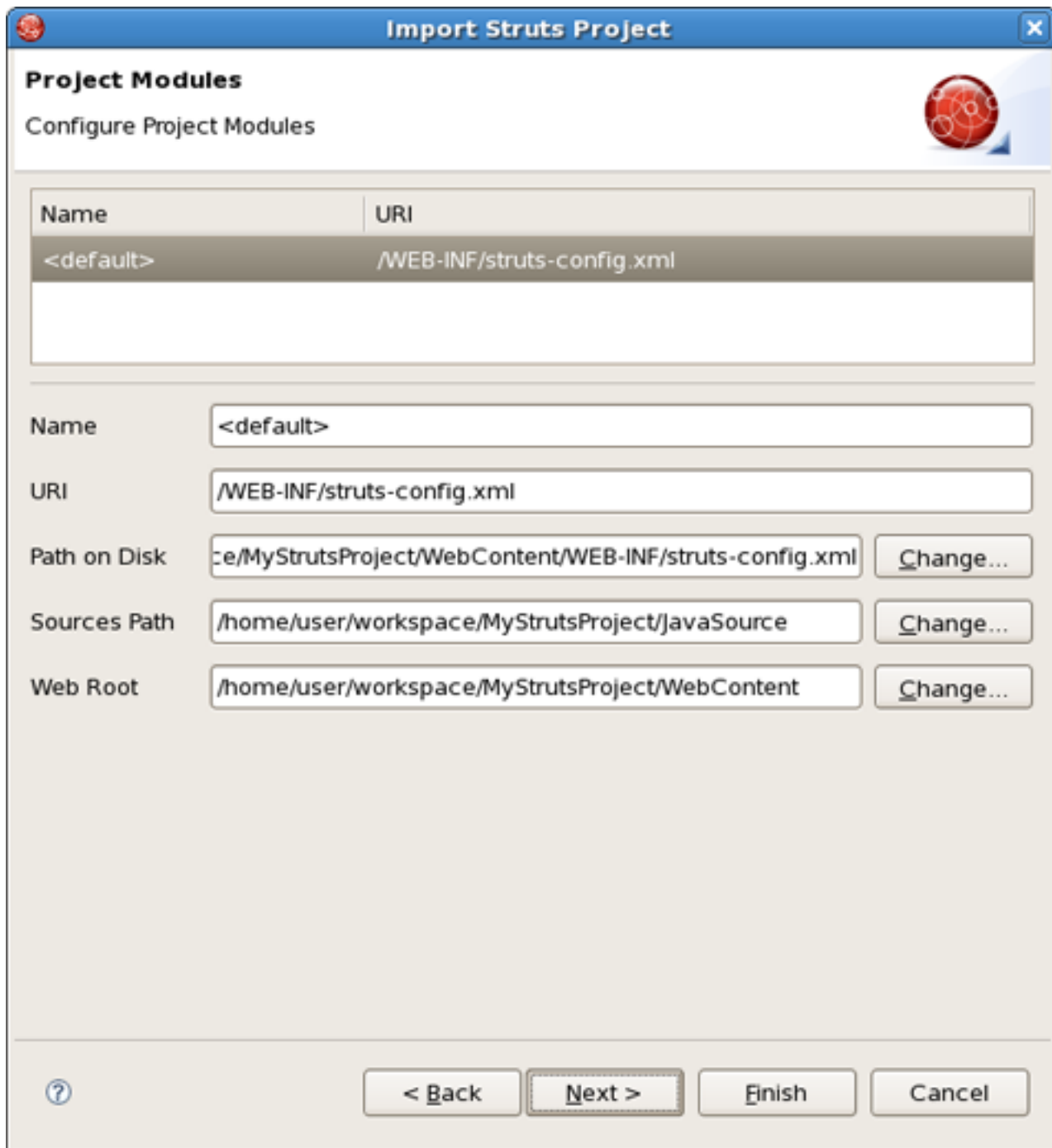


Figure 3.9. The Project Modules Screen

4. In the *Project Folders* screen, you can configure the rest of your project. Afterwards click on the *Finish* button.

On this step JBoss Developer Studio will try to determine your project structure and set the values for: *Classes Folder*, *Lib Folder*, and *Ant Build File*. If your project has a custom structure, some values might not be set. If this is the case, you can manually set those values by clicking *Change*.

After dealing with these settings, you have to work through a few more configuration settings. These settings deal

primarily with how the project will be deployed within JBoss Developer Studio.

First, if the project you are importing is not already a Struts project, select the *Add Libraries* check box to add all the Struts-related libraries to your project.

Then, you may select the Struts *Environment* and *Servlet Version*.

The *Context Path* is the name under which the application will be deployed.

The *Runtime* value tells Eclipse where to find Web libraries in order to build the project. It is not possible to finish the importing of a project without selecting a Runtime. If you don't have any choices displayed for this, select *New...* to add a new Runtime.

Finally, *Target Server* sets the server to deploy the application under. The Target Server corresponds to the Runtime value selected above. If you don't want to deploy the application, uncheck this value.

Import Struts Project

Select Project Folders

Classes Folder: /home/user/workspace/MyStrutsProject/WebContent/WEB-INF/classes

Lib Folder: /home/user/workspace/MyStrutsProject/WebContent/WEB-INF/lib

Ant Build File:

Add Libraries

Environment: Struts 1.1

Servlet Version: 2.3

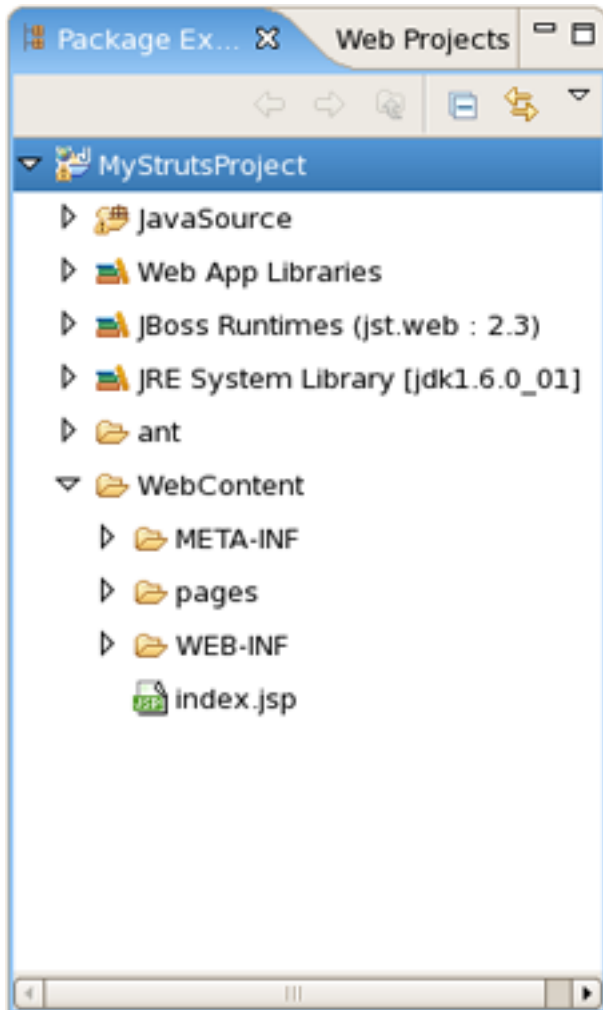
Context Path*: MyStrutsProject

Runtime*: JBoss-runtime

Target Server: JBoss-server

Figure 3.10. The Project Folders Screen

5. Once the project is imported, it will appear in the Package Explorer view.

**Figure 3.11. Imported Project in the Package Explorer View**

4

Migrate JSF and Struts projects from *.war file

4.1. JSF

1. Select *File > Import...* from the menu bar, and then select *Other > JSF Project From *.war* from the Import dialog box that appears.

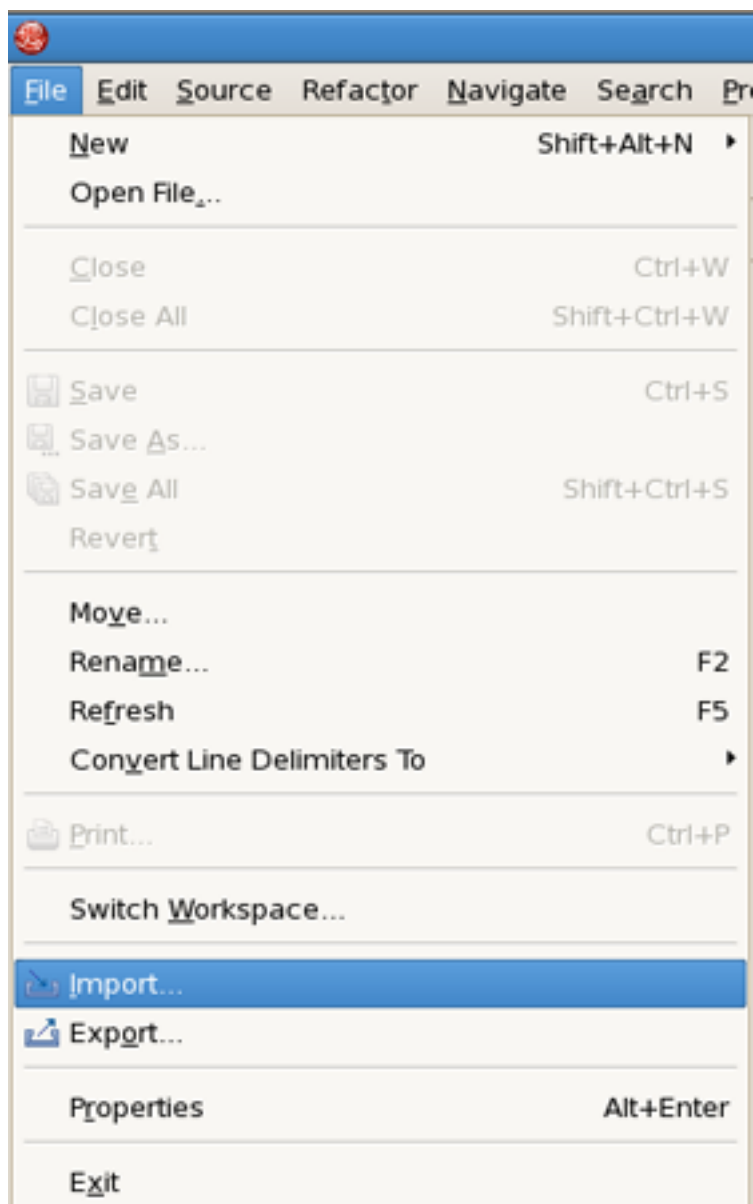
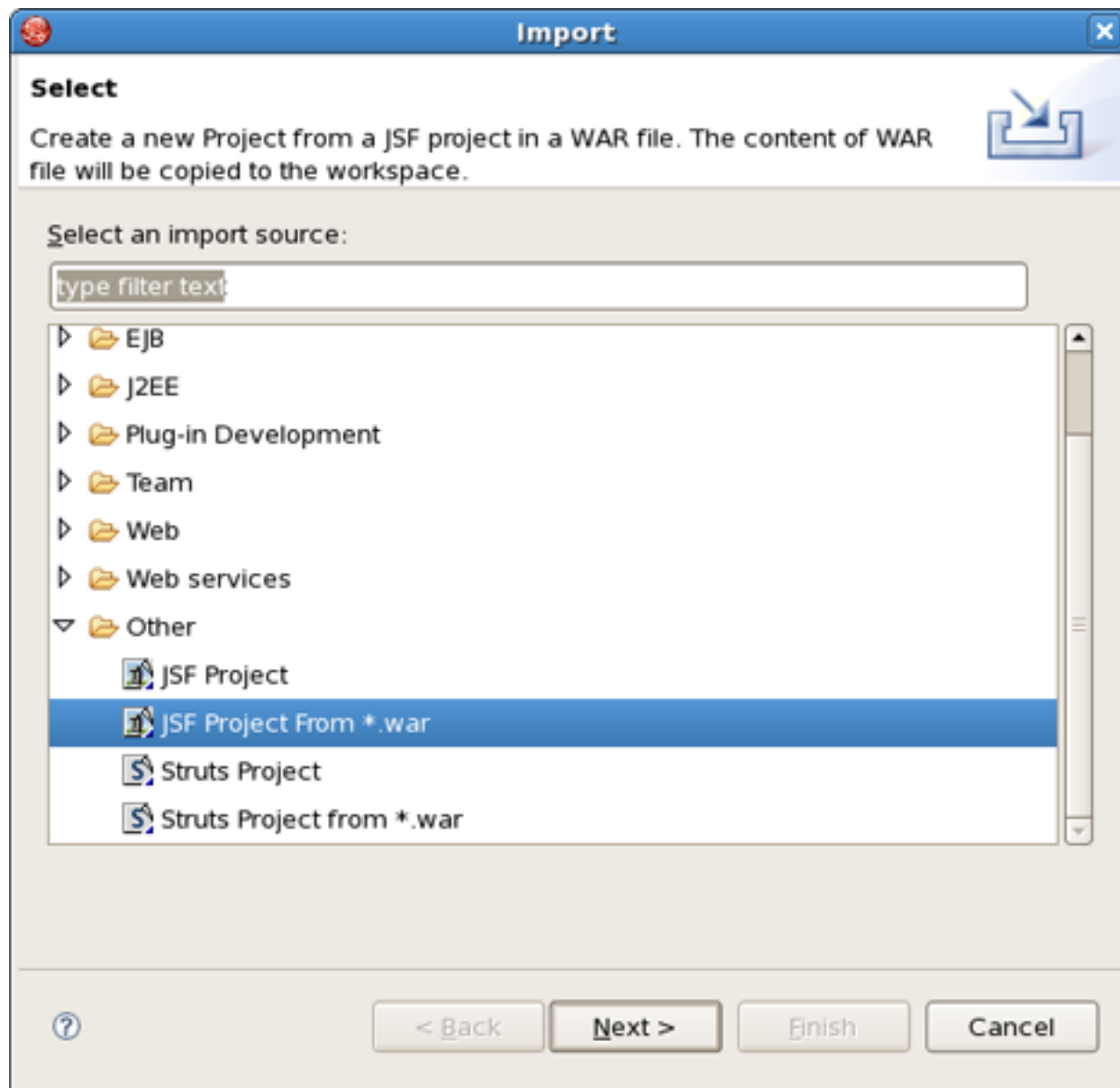


Figure 4.1. Selecting the Import Menu Item**Figure 4.2. Selecting the JSF Project From *.war Import Wizard**

2. In the wizard screen, select the *Change...* button next to the **.war Location* field. Browse to the location of the **.war* file for the application you want to import as a JSF project. Once you select it, you'll be returned to the dialog box to see a project name derived from the **.war* file you selected. You can edit this name, if you wish.

Uncheck the *Use Default Path* check box if you want to import your project outside of the Eclipse workspace. In this case, you would use *Change...* button next to the *Location* field to choose a location.

Context Path is the name under which the application will be deployed.

The *Runtime* value tells Eclipse where to find Web libraries in order to build the project. It is not possible to fin-

ish project import without selecting Runtime. If you don't have any options here, select *New...* to add a new Runtime.

Finally, *Target Server* sets the server to deploy the application under. The Target Server corresponds to the Runtime value selected above. If you don't want to deploy the application, uncheck this value.

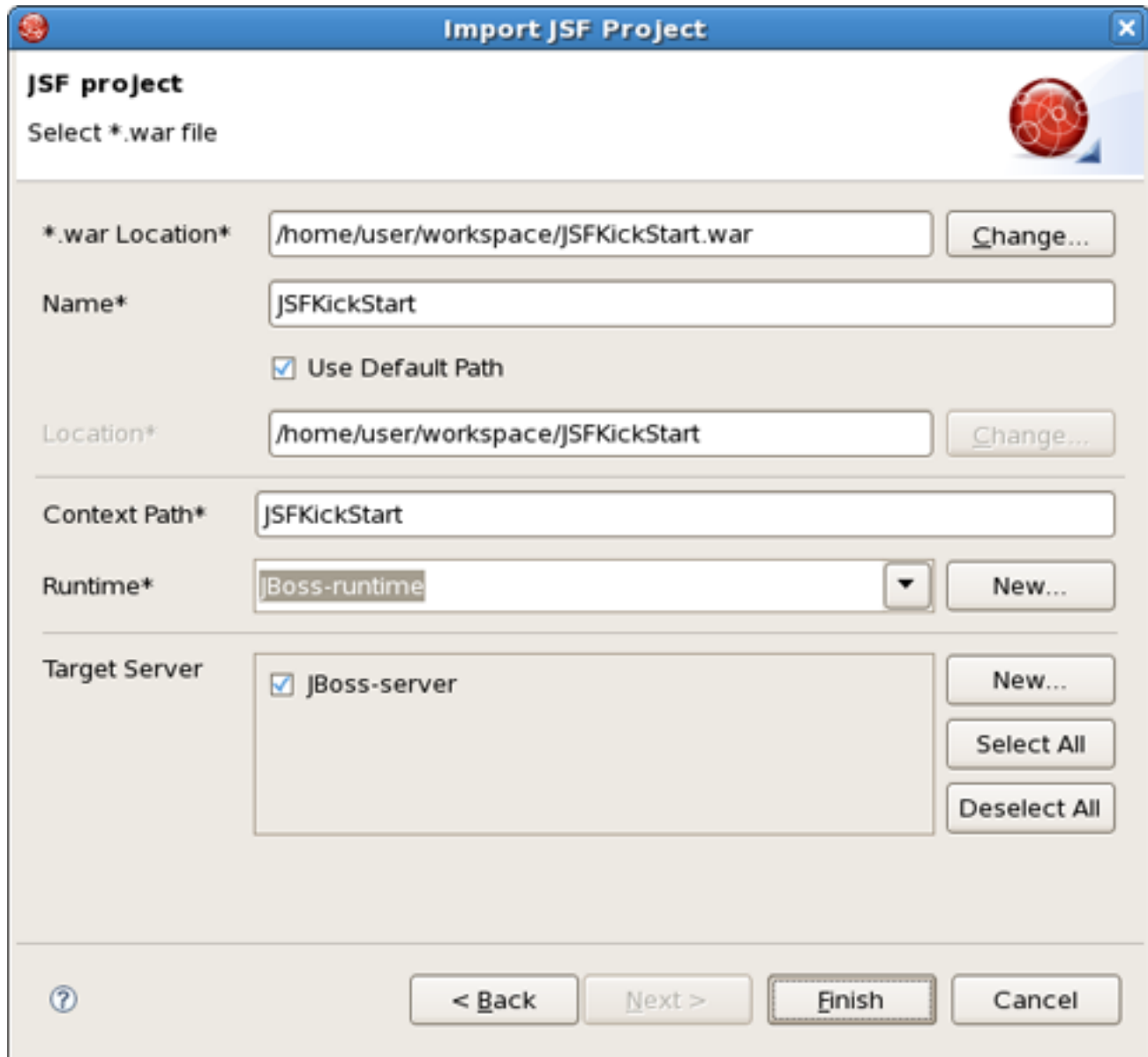


Figure 4.3. The JSF Project From *.war Import Wizard

3. Click on the *Finish* button.

4.2. Struts

1. Select *File > Import...* from the menu bar, and then select *Other > Struts Project From *.war* from the Import

dialog box that appears.

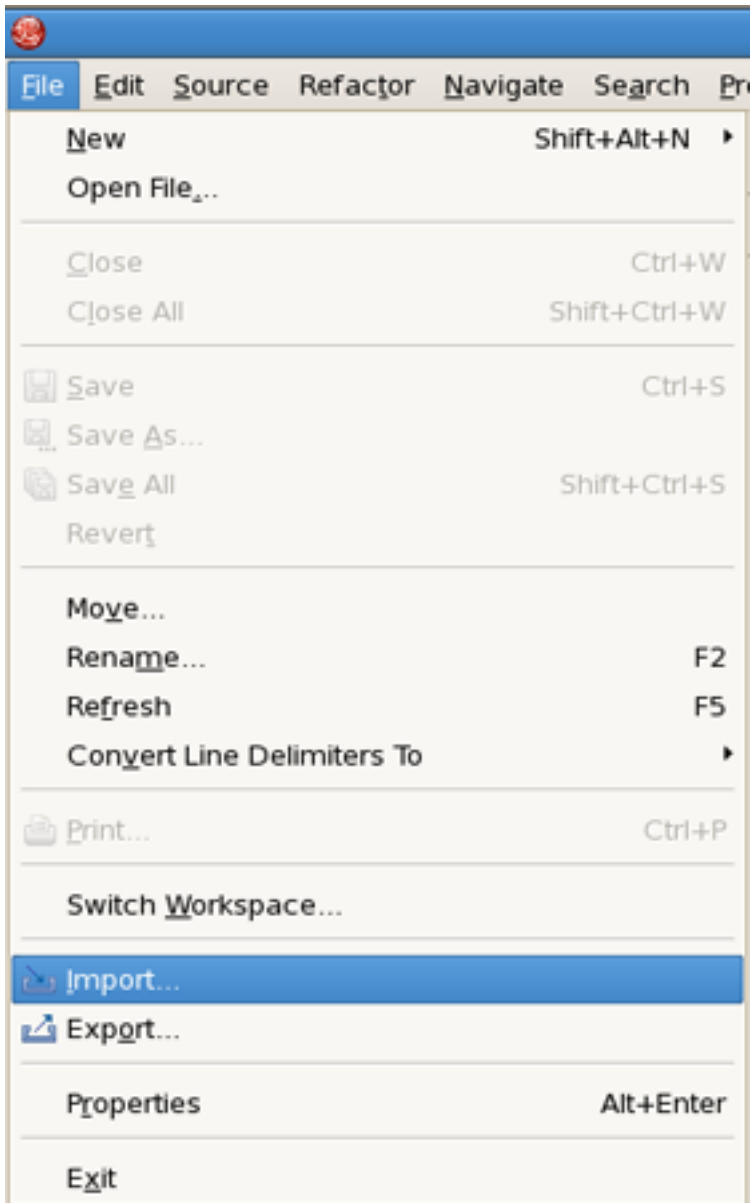


Figure 4.4. Selecting the Import Menu Item

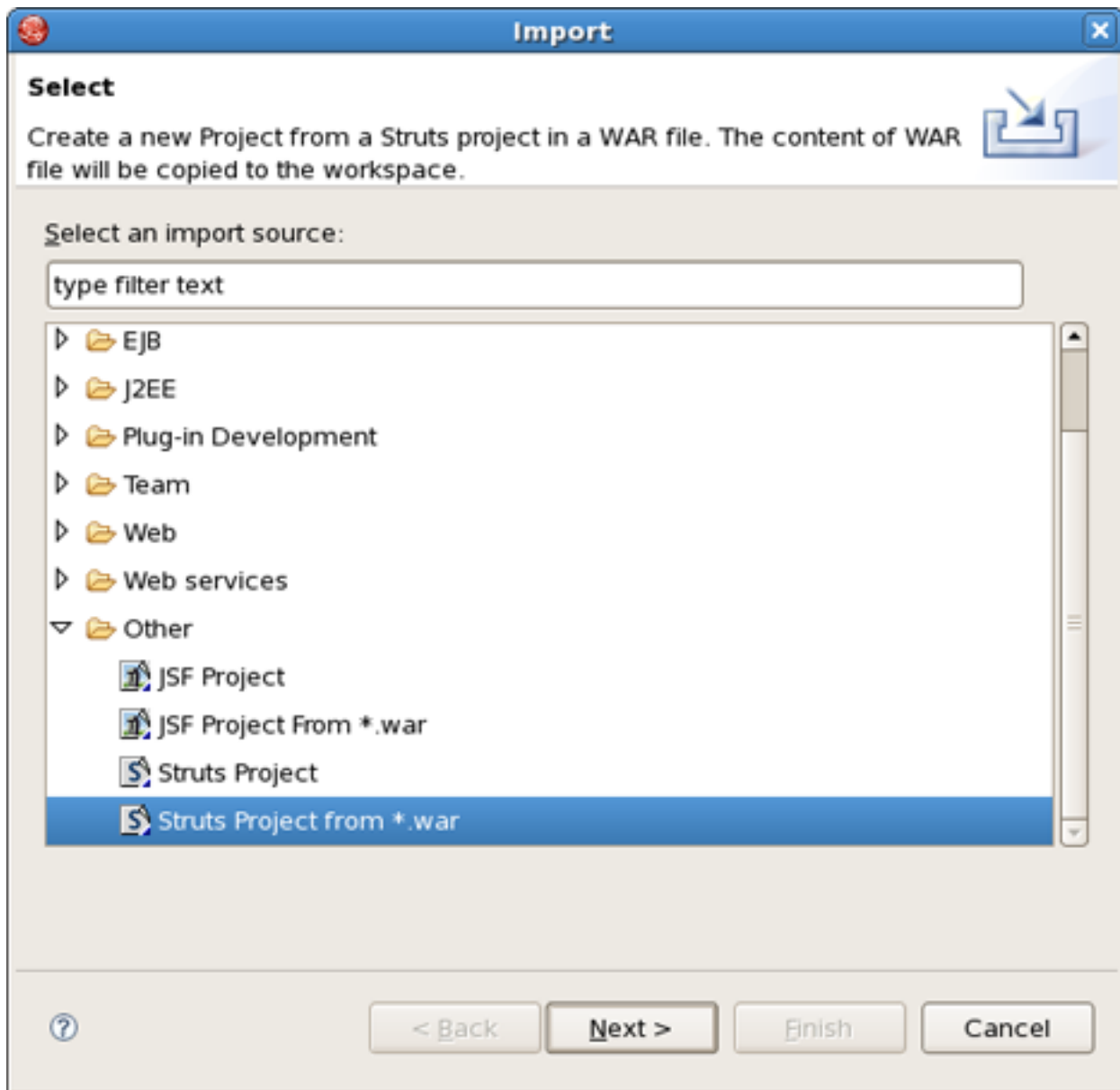


Figure 4.5. Selecting the Struts Project From *.war Import Wizard

2. Follow the same steps as with the JSF Project From *.war import wizard.

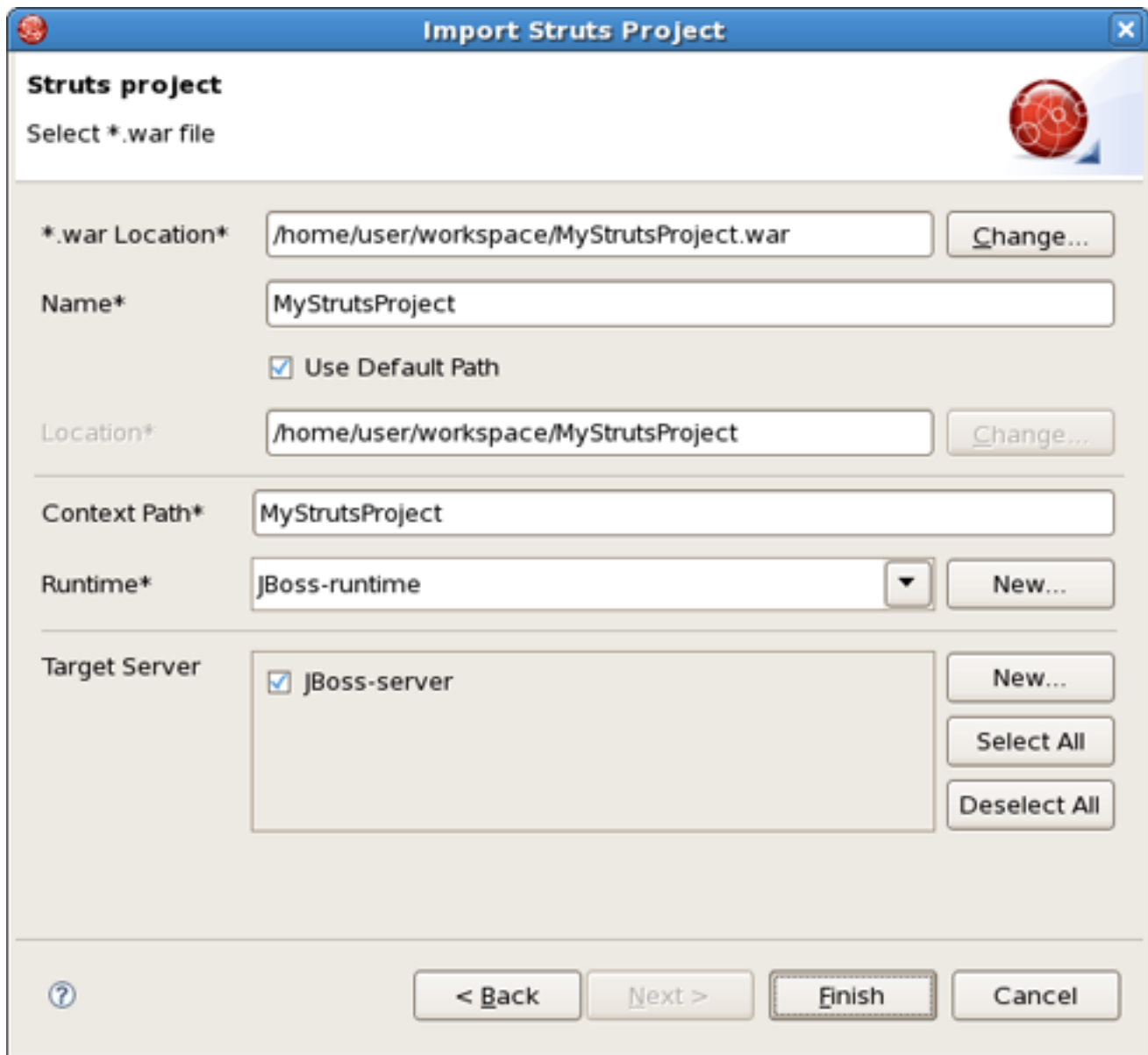


Figure 4.6. The Struts Project From *.war Import Wizard

3. Click on the *Finish* button.

The migration process is completed