

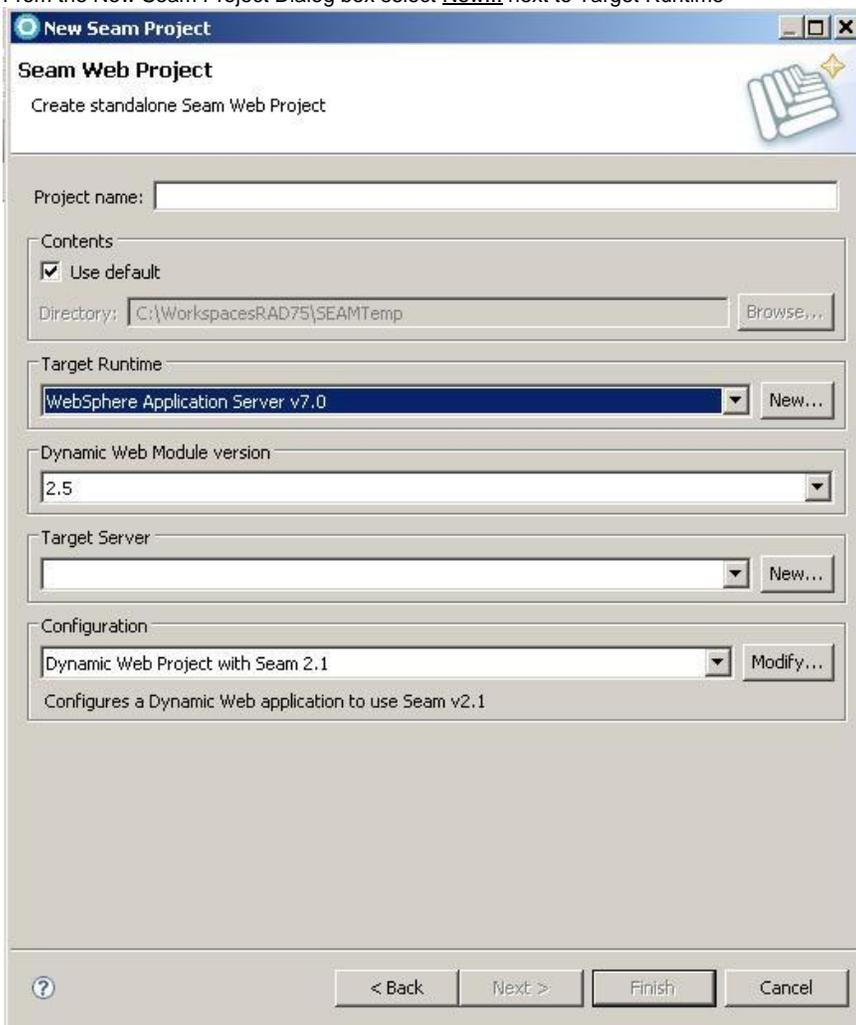
New Seam Project with JBoss Tools

Prerequisites

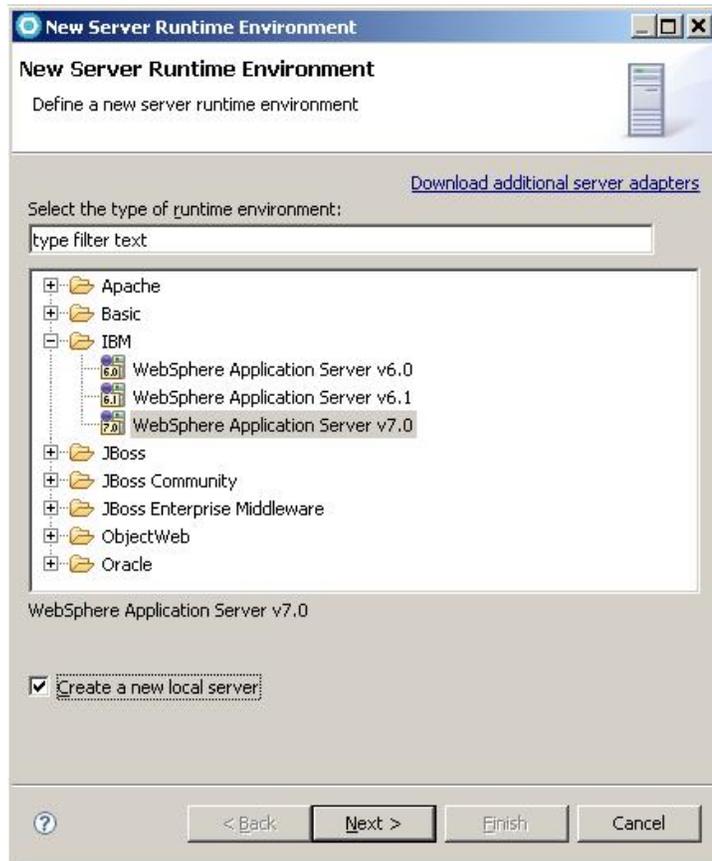
You will need access to a Seam run time in order to create the new project. The [Seam download from Open logic](#) contains the required run time along with supporting Jar dependencies. These directions are based on the Binary version of the 2.2.0.GA version of Seam. Once the file has been downloaded, unzip it someplace where you can find it.

Directions

1. Switch to the Seam perspective in RAD.
2. File -> New -> Seam web project
3. We need to create a new WAS Run time in order for server to be available in wizard then create a new server from the newly created Run time. (**Note:** This step only seems to be required once per a workspace.)
 - a. From the New Seam Project Dialog box select New... next to Target Runtime



- b. From the New Server Runtime Dialog box select WAS 7.0, make sure the **Create a new local server** box is checked and click the Next> button.



- c. In the next New Server Runtime Environment Dialog box, make the name meaningful and enter the WAS Runtime directory. (Something close to "C:\Program Files\IBM\SDP75\runtimes\base_v7" depending on your installation.) Click Next



- d. On the third New Server Runtime Dialog Box select a profile name. (Personally I used a profile which is different than the one I use for PAWS, it just seemed safer.) Click Finish

New Server Runtime Environment

WebSphere Application Server Settings

Input settings for connecting to an existing WebSphere Application Server.

Profile name: [Configure profiles...](#)

Server connection types and administrative ports

Automatically determine connection settings
 Manually provide connection settings

Connection Type	Port	Default port	Description
<input checked="" type="checkbox"/> IPC	9638	9633	Recommended for lo
<input checked="" type="checkbox"/> RMI	2821	2809	Designed to improve
<input checked="" type="checkbox"/> SOAP	8892	8880	Designed to be more

Run server with resources within the workspace
 Security is enabled on this server

Current active authentication settings:

User ID:

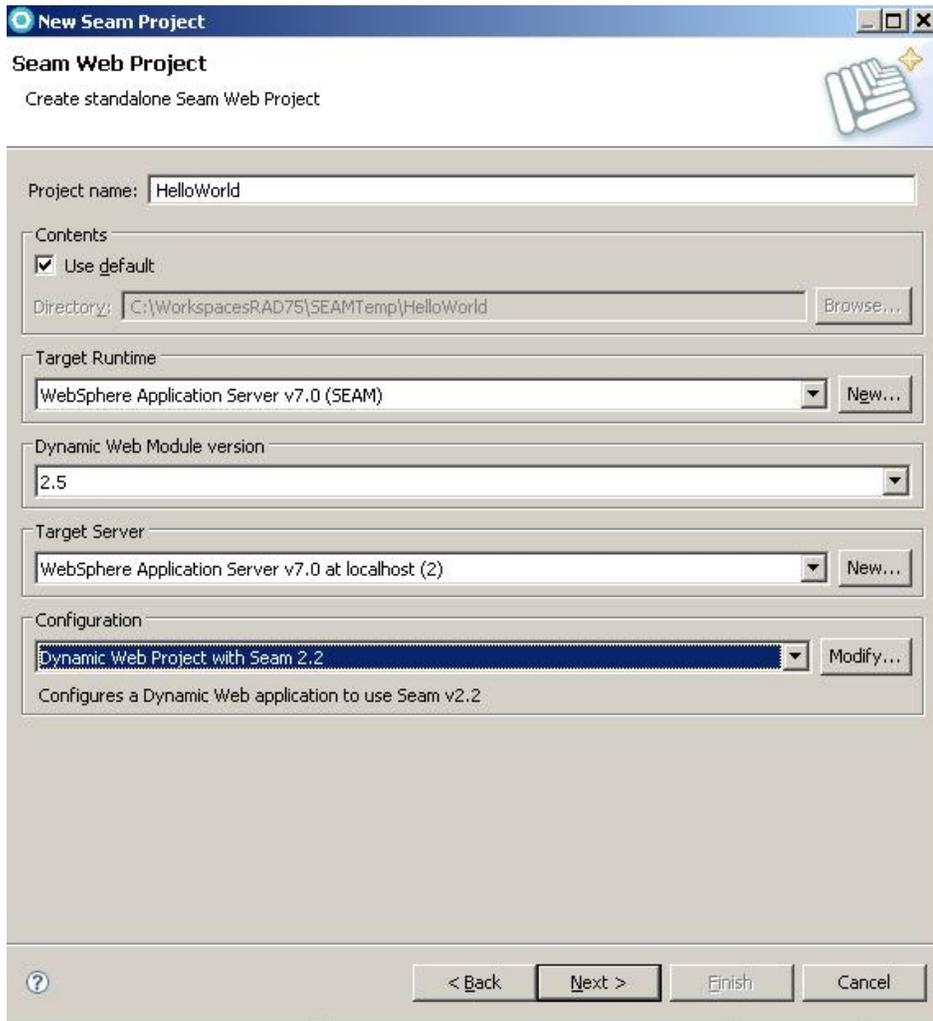
Password:

Application server name:

[Test Connection](#)

[?](#)

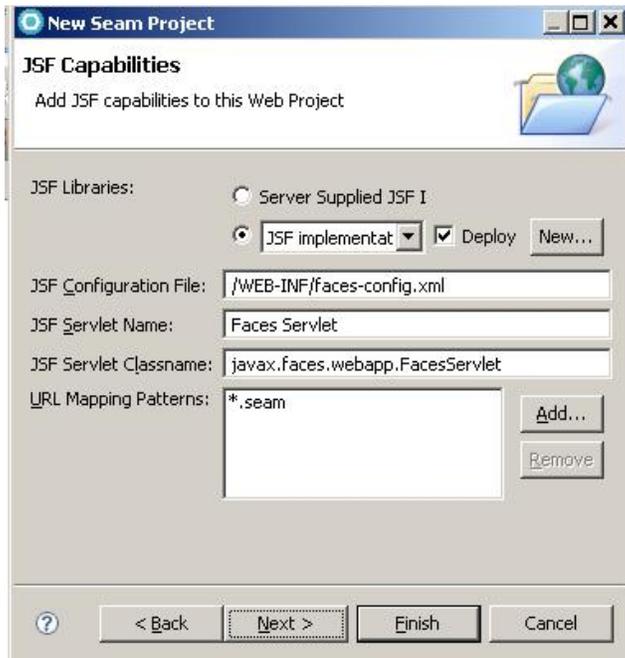
- Now we're back on the New Seam Project Dialog box and there is a Choice in the Target Server box. Fill in the rest of the information and continue by clicking [Next >](#)



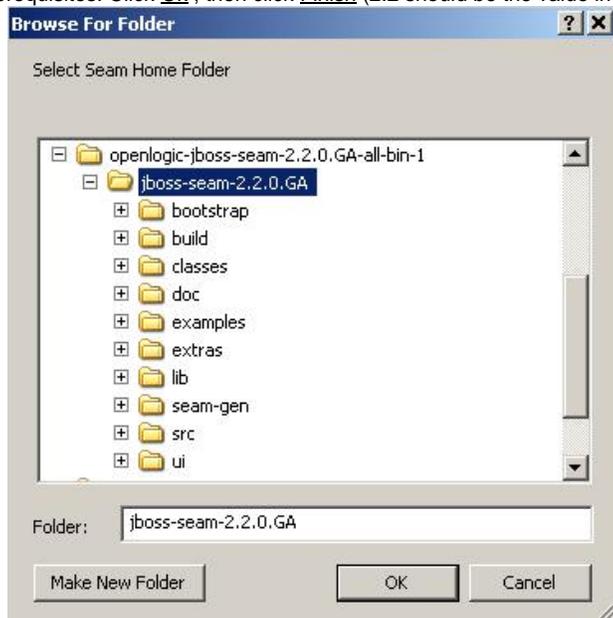
5. Keep the defaults and click Next > on the Web Module dialog box.



6. Keep the defaults and click Next > on the JSF Capabilities dialog box.



7. On the Seam Facet Dialog box:
 - a. In the General section, if there are no Seam Runtime choices available in the drop down box click the Add... button.
 - b. In the Runtime dialog box, click the Browse... button and navigate to the Runtime which was downloaded and unzipped in the prerequisites. Click OK , then click Finish (2.2 should be the value in Version drop down box.)



8. Now you should be back on the Seam Facet Dialog box and there should be a choice under Seam Runtime.
 - a. Select **Derby** for the database type.
 - b. Select **Derby Sample Connection** for the Connection Profile.
 - c. Adjust the packages as appropriate (Subbing in your project name for "helloseam"
 - d. Click Finish

New Seam Project

Seam Facet

Configure Seam Facet Settings

General

Seam Runtime: jboss-seam-2.2.0.GA Add...

Deploy as: WAR EAR

Database

Database Type: Derby

Connection profile: Derby Sample Connection Edit... New...

Database Schema Name:

Database Catalog Name:

DB Tables already exists in database:

Recreate database tables and data on deploy:

Code Generation

Session Bean Package Name: edu.psu.ais.helloseam.session

Entity Bean Package Name: edu.psu.ais.helloseam.entity

Test Package Name: edu.psu.ais.helloseam.test

? < Back Next > Finish Cancel

9. After a couple minutes your workspace should have several projects and look approximately like this (The error is OK and will be handled in the Set JBoss Tools Seam project for WebSphere 7.0.):

The screenshot shows an IDE interface with three main panels. On the left is the 'Project Explorer' showing a project named 'HelloSeam' with sub-projects: 'HelloSeam-ear', 'HelloSeam-ejb', 'HelloSeam-test', and 'HelloSeamEAR'. Below it is the 'Properties' panel with a table for 'Property' and 'Value'. On the right is a 'Technology Quickstarts' window titled 'Help for Web application development'. It features a 'Featured help topics' section with a list of links and brief descriptions.

Property	Value

Help for Web application development

Featured help topics

Now that you have created a Web project, click the links below to learn about the different things you can do, using Web

- [Create and import Web pages and resources](#)
Learn how to populate your Web application with Web pages and resources for your Web application.
- [Define Web application flow](#)
Use the Web Diagram Editor to define the flow of your Web application.
- [Create Web 2.0 applications](#)
Learn how to create Web 2.0 applications.
- [Develop JSF applications](#)
Learn how to create Web-based user interfaces using JavaServer Faces.
- [Develop Struts applications](#)
Use Struts to create a Web-based user interface.
- [Create a Web site structure](#)