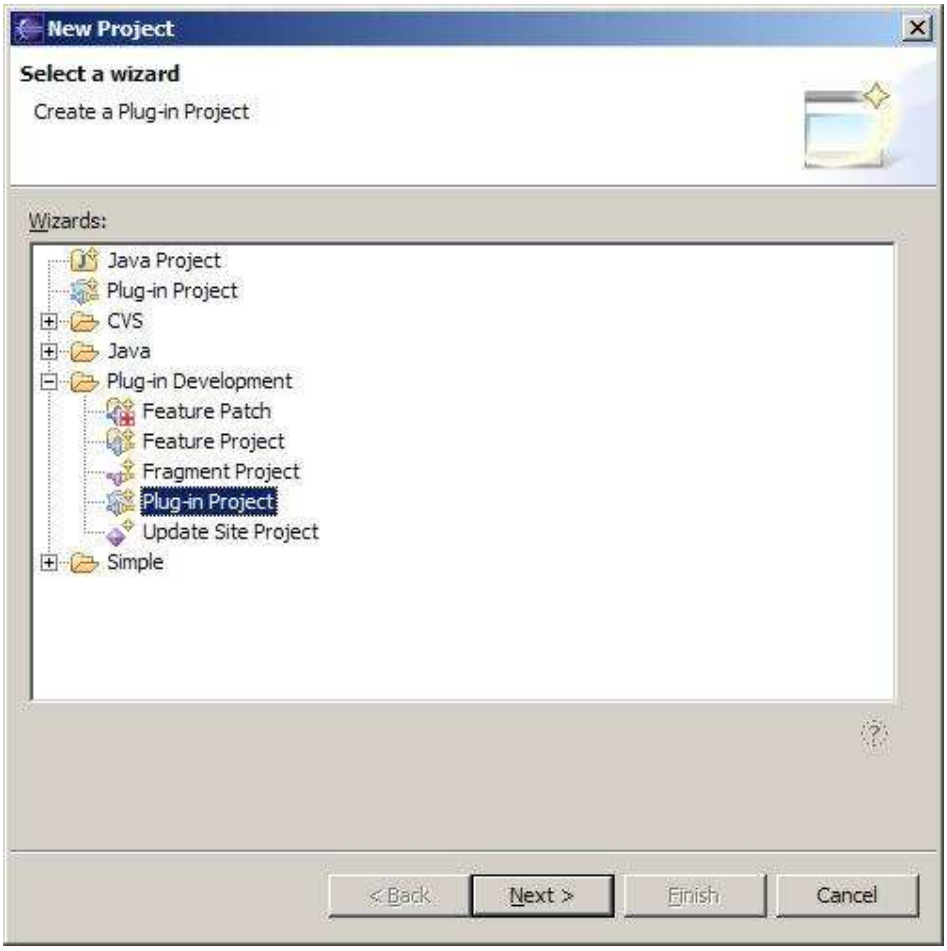
Lab 3 Creating a ‘Hello World’ Plug-in

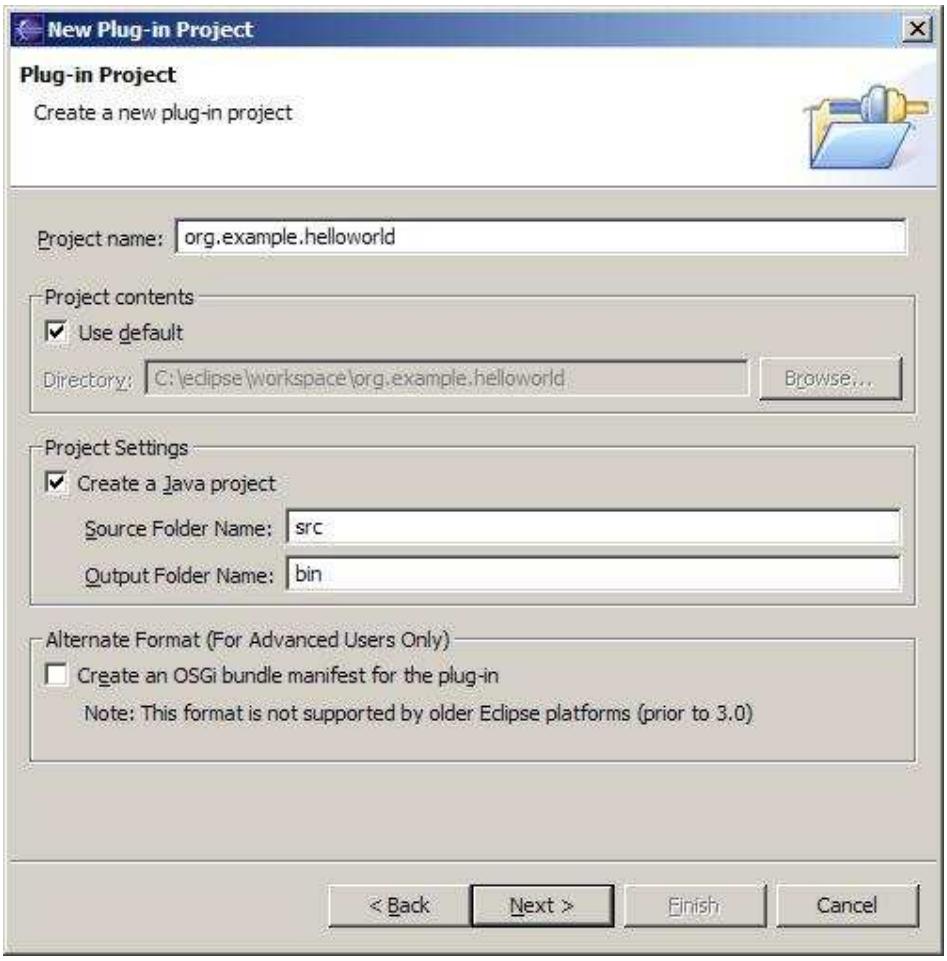
1. Select File>New>Project from the menu bar and select the options as shown and click on the ‘next’ button.



2. Enter the project name: ‘org.example.helloworld’ , leaving the Project settings as default, and select the Next button.

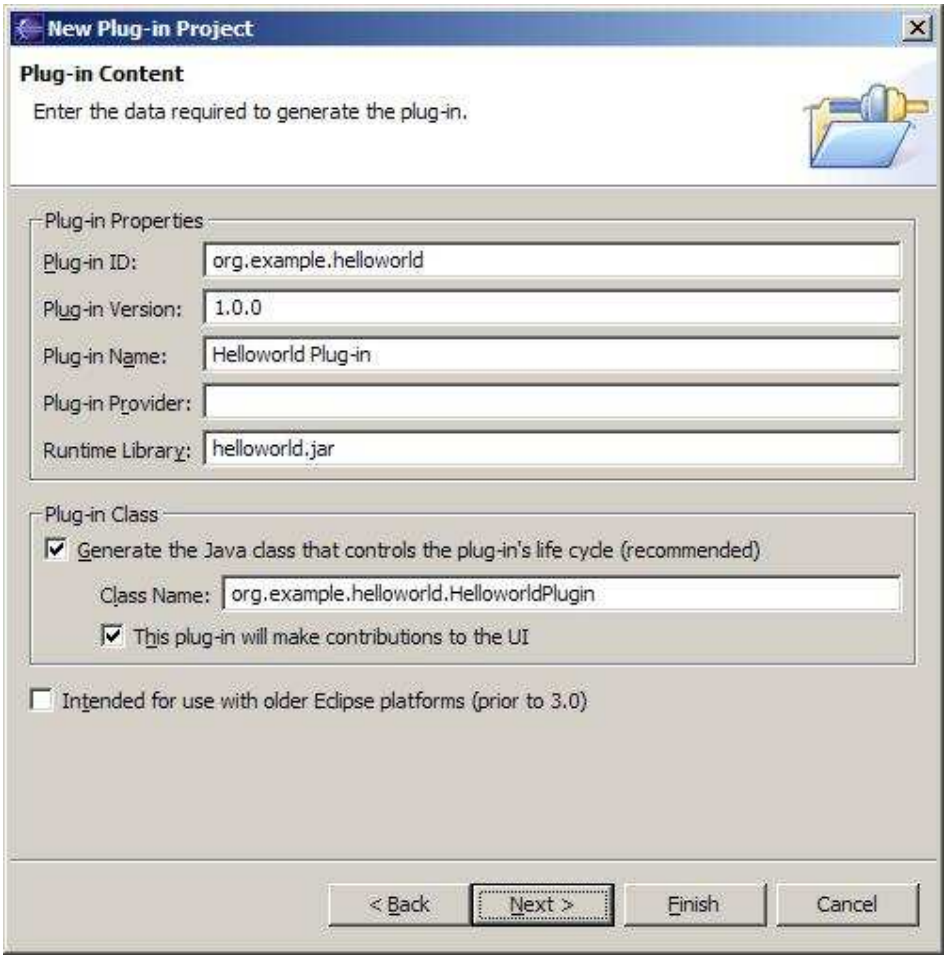
Source Folder lets you specify the subdirectory where the Java of your project are kept.

Output Folder specifies where Eclipse place the generated class files.



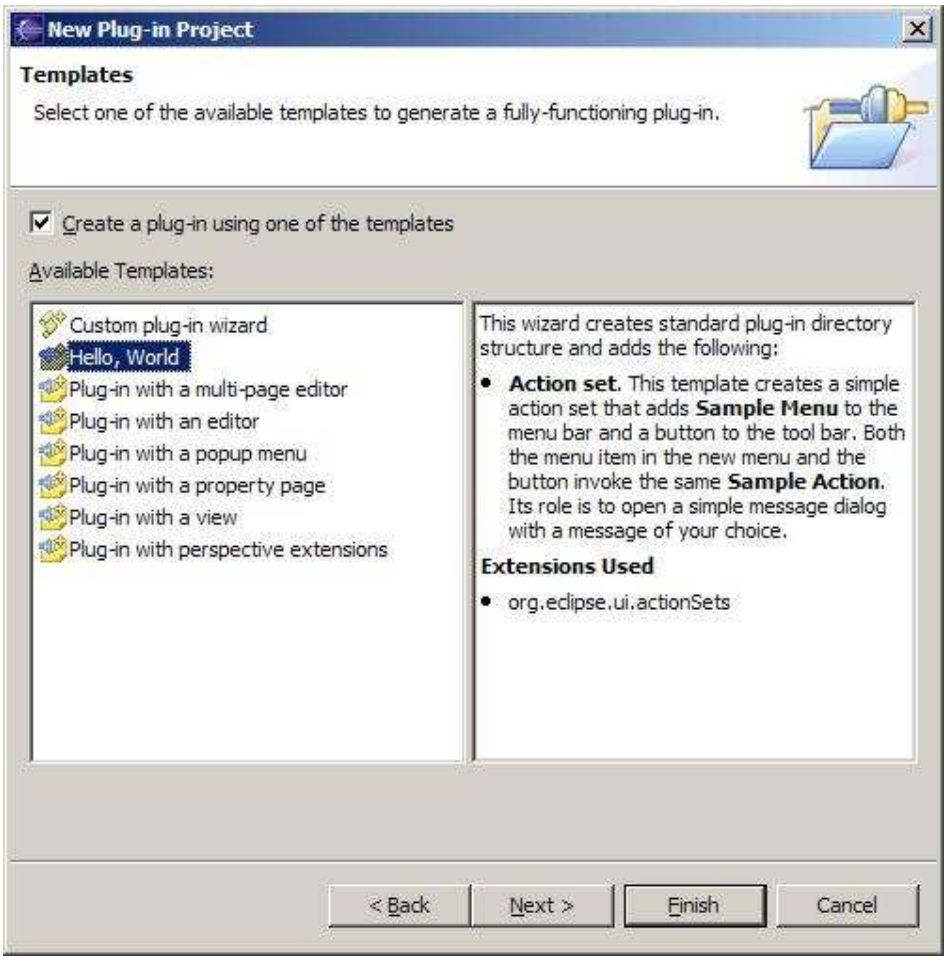
3. In the next window define the plug-in content as follows:

Runtime Library specifies the JAR file that contains your Java code.

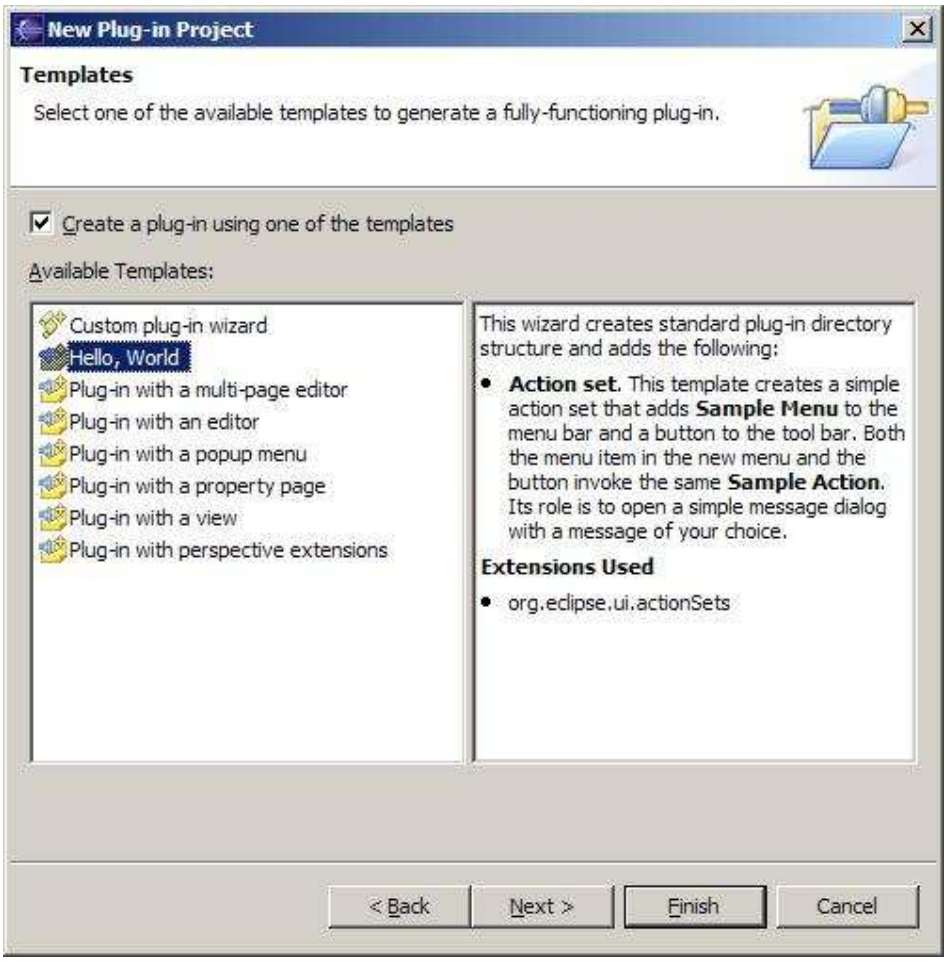


Click ‘Next’ .

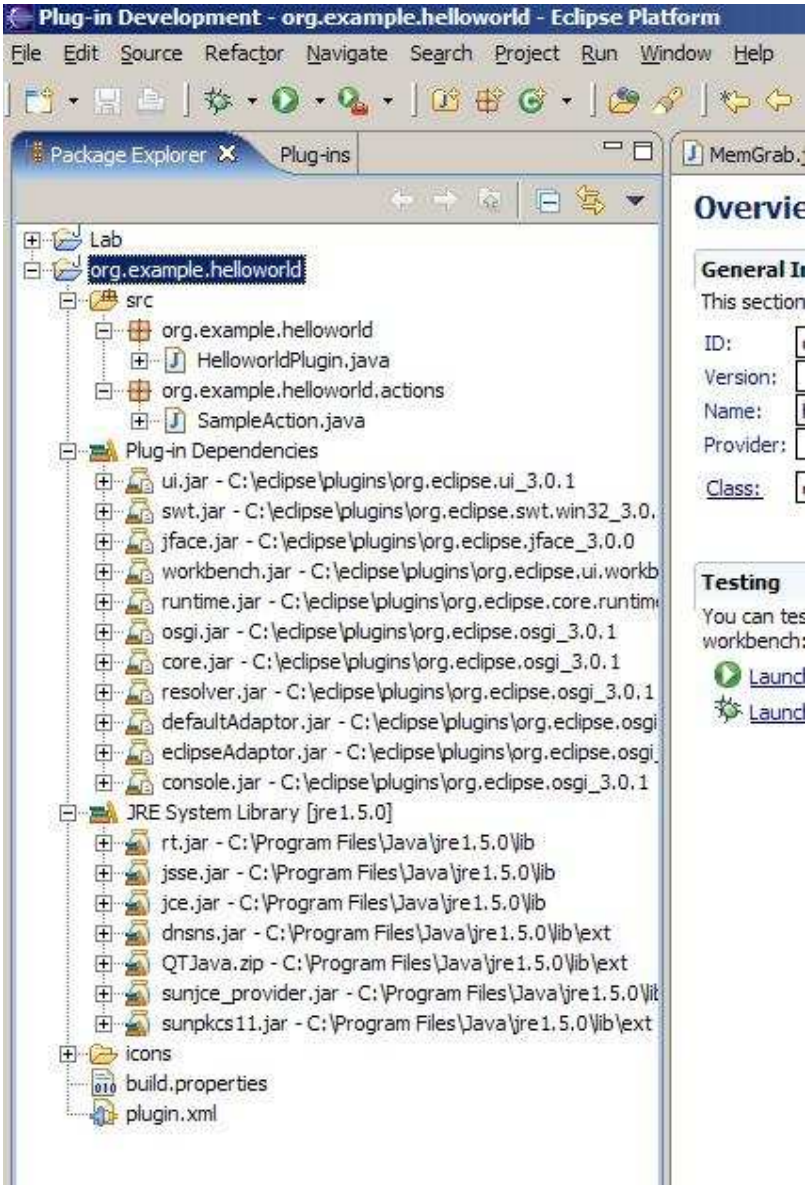
4.The next window enables you to select the plug-in code generator.
Firstly enable **Create a plug-in project using a code generation wizard.**
In the case of 'Hello World' a sample code generator is supplied. Select this.
Select next.



5. Fill in the fields to define the plug-in content as below and select **Finish**

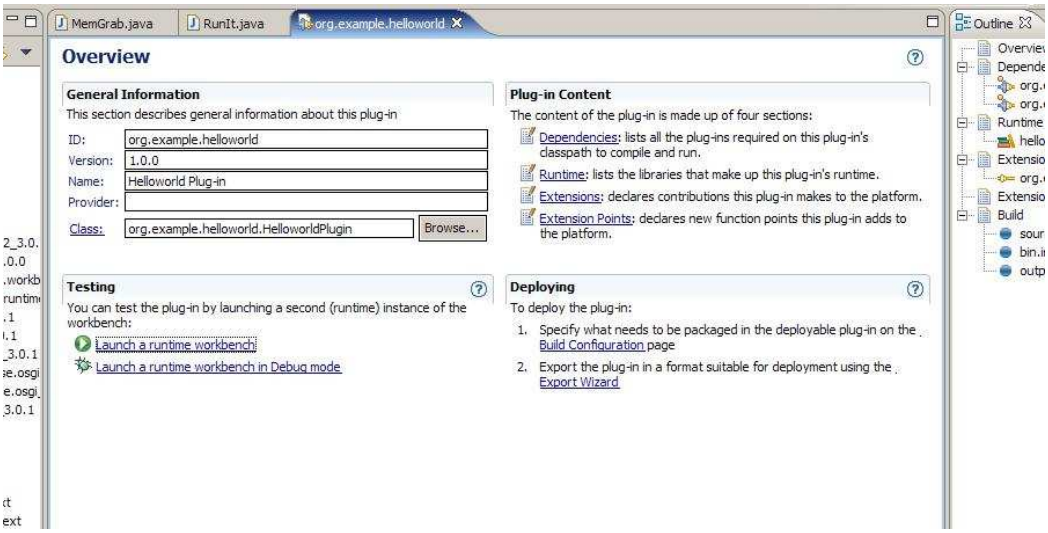


6. The plug-in has been created. The file structure …



7. The plug-in can be run either by deploying the created files into the plug-ins directory, which is the subject of Lab 4, or run in a new spawned Eclipse image. The latter approach is used for plug-in development and is described here:

1. Select **Run > Run As > Run-time Workbench**. A new Workbench appears that includes your new plug-in menu and toolbar button.
2. Click on the 'Launch a runtime workbench'



8. Click on the 'Sample Menu', then 'Sample Action' or Click on the Eclipse Icon circled below;