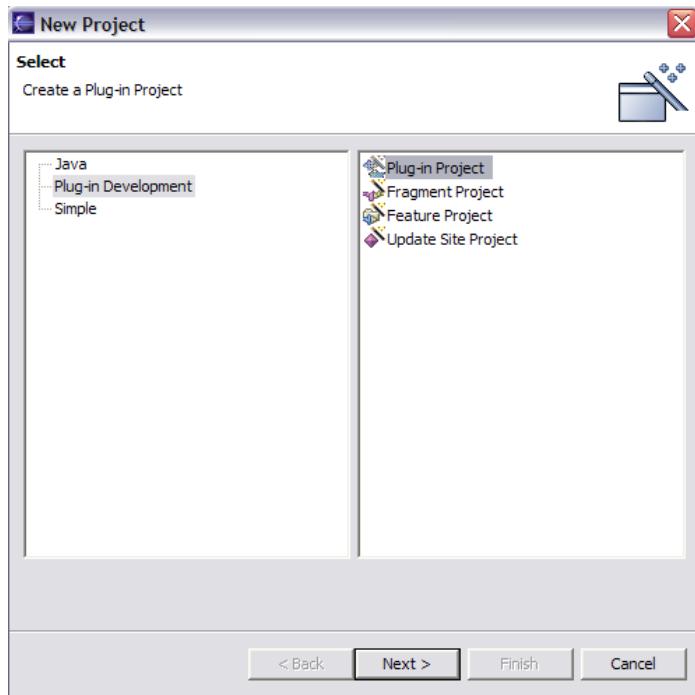
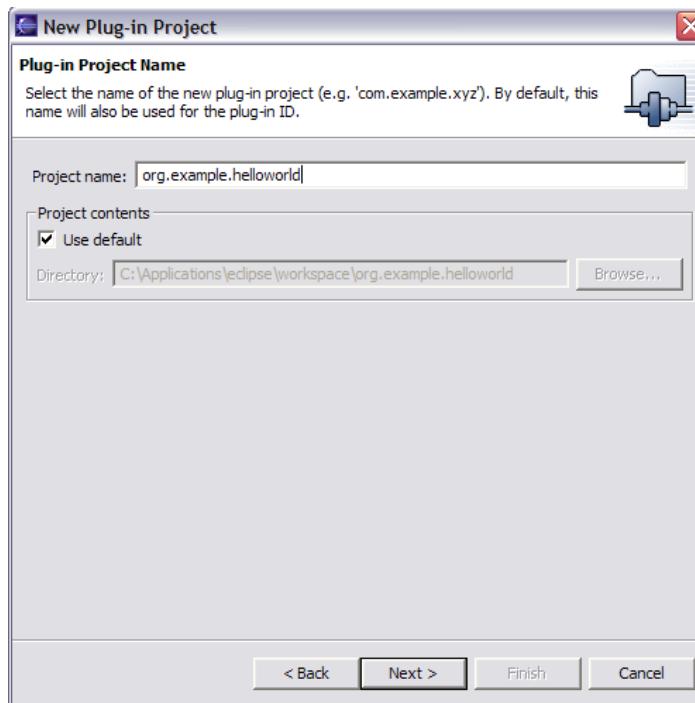


## Lab 3 Creating a ‘Hello World’ Plug-in

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

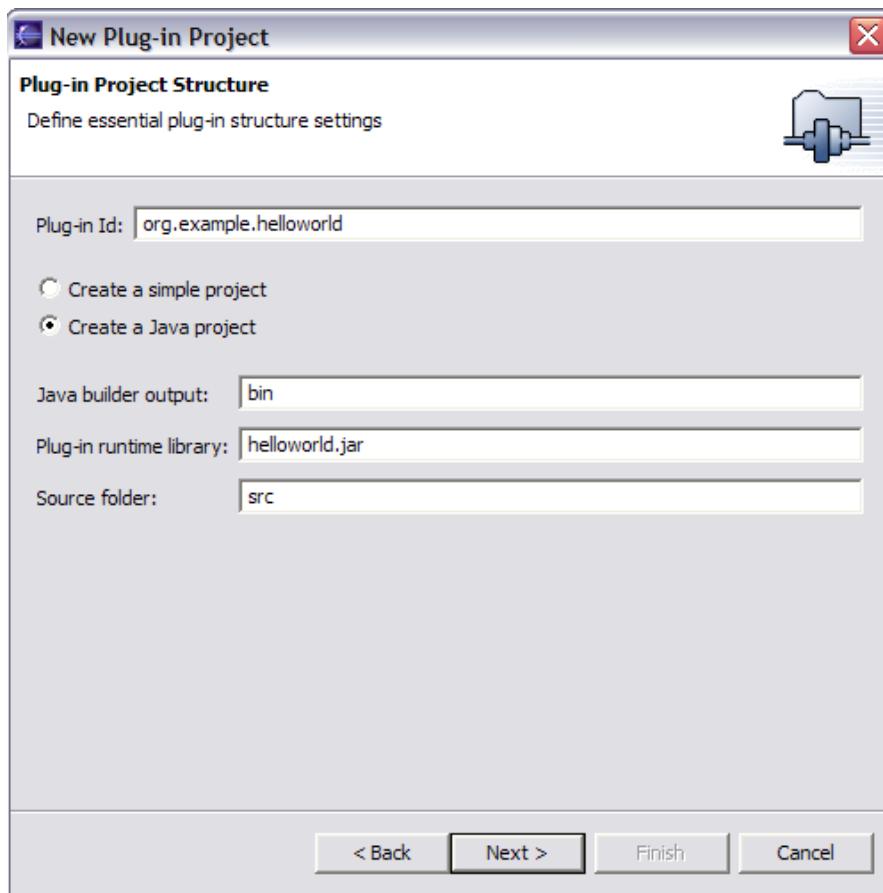


2. Enter the project name: ‘org.example.helloworld’ and select the Next button.



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

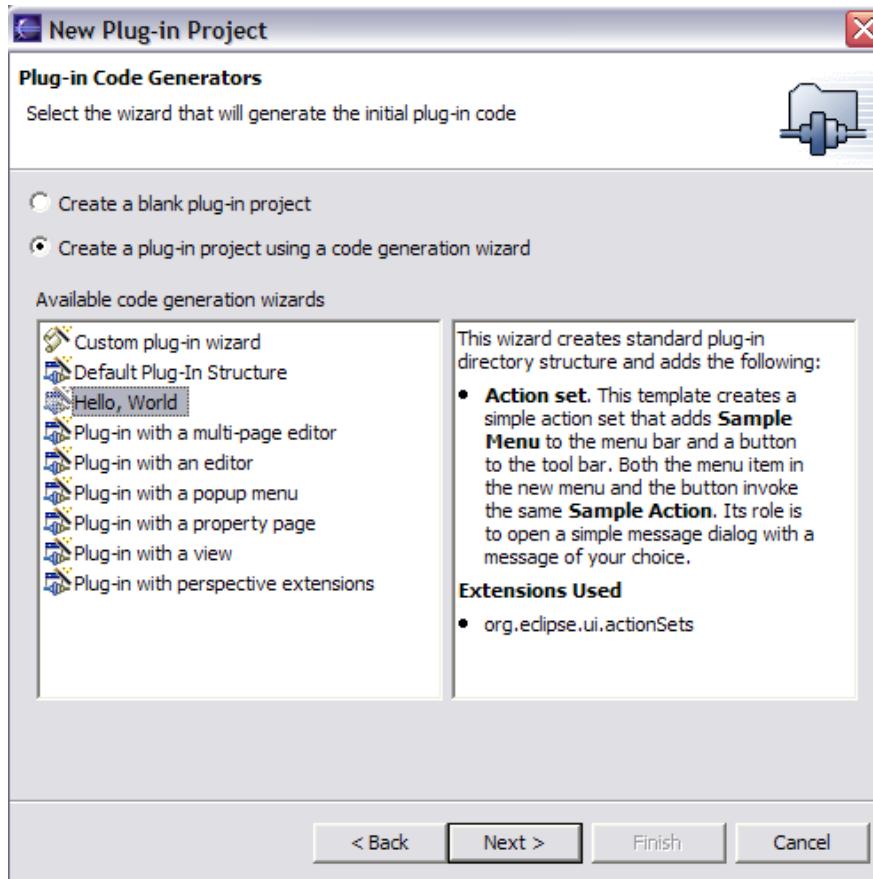
- a. **Java builder output** specifies where Eclipse places the generated class files.
- b. **Plug-in runtime library** specifies the JAR file that contains your Java code.
- c. **Source folder** lets you specify the subdirectory where the Java files of your project are to be kept.



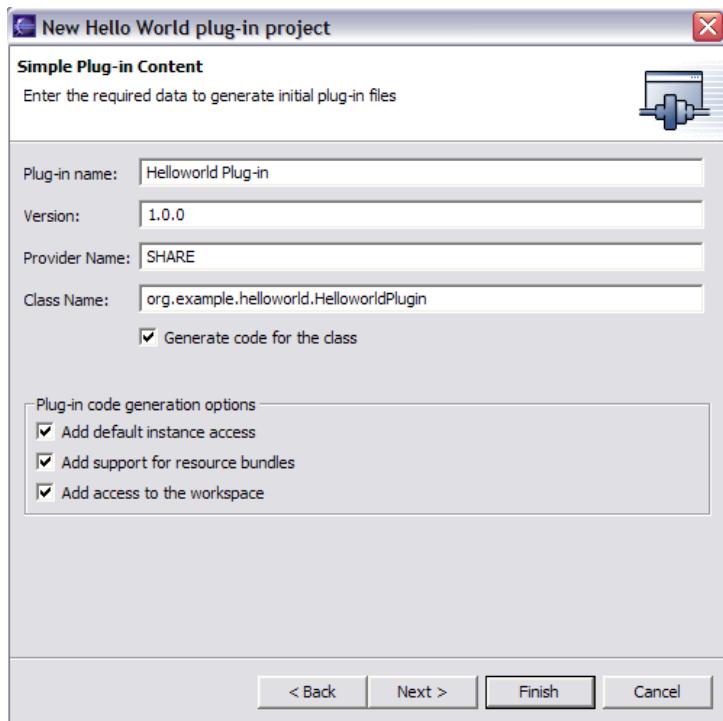
4. The next window enables you to select the plug-in code generator.

Firstly enable **Create a plug-in project using a code generation wizard**.

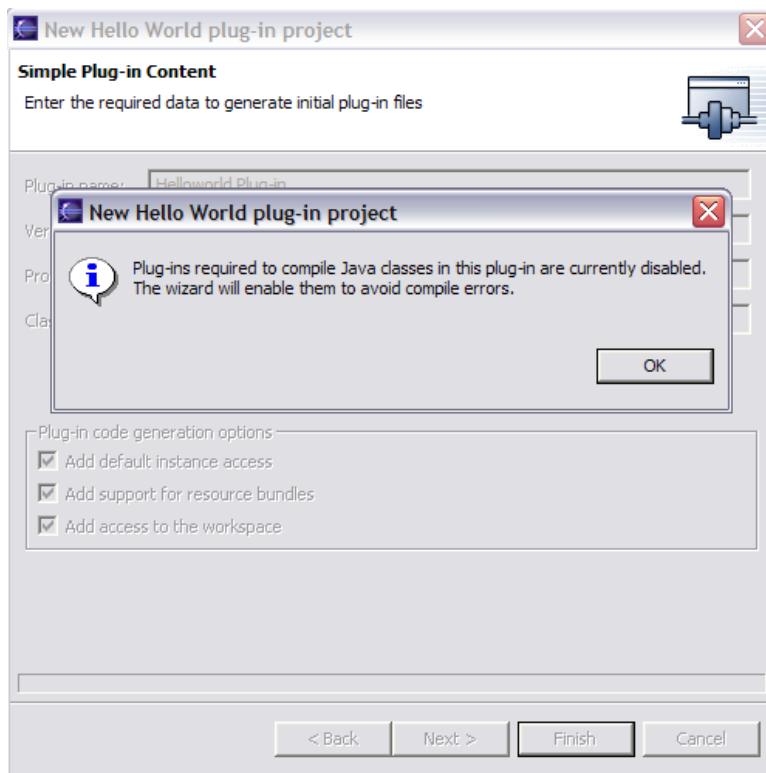
In the case of 'Hello World' a sample code generator is supplied. Select this. Select next.



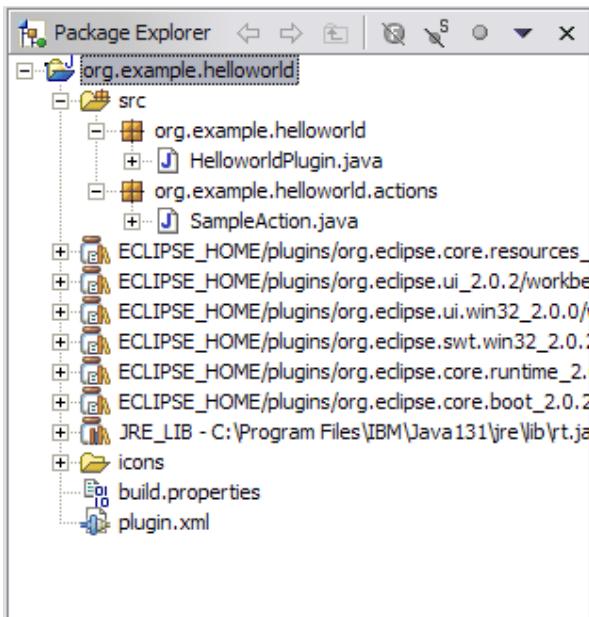
5. Fill in the fields to define the plug-in content as below and select **Finish**



6. Enable needed plug-ins



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 second approach is used for plug-in development and is described here:

1. Build your project: **Select Project > Rebuild All.**
2. Select **Run > Run As > Run-time Workbench**. A new Workbench appears that includes your new plug-in menu and toolbar button.
3. Click on the toolbar button and a dialog box comes up with message "Hello, Eclipse World."

