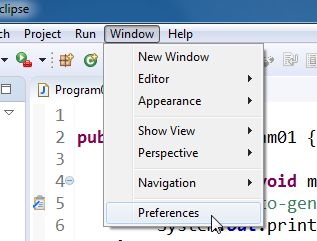
**Eclipse Tutorial 02 – Preparing Eclipse**

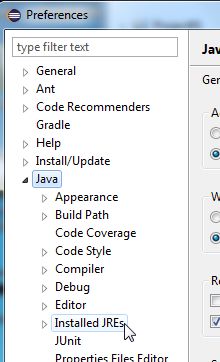
Usually the settings in this section are done automatically by Eclipse; however should your installation get corrupted, you may need to do the following verifications to verify that Eclipse is properly set up for Java development.

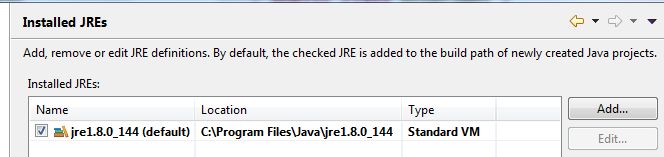
**Verifying JRE installation and classpath variables**

1. Launch Eclipse and go to the Workbench.
2. Select the menu item  [**Window > Preferences...**](javascript:executeCommand(%22org.eclipse.ui.window.preferences(preferencePageId=org.eclipse.ui.preferencePages.Workbench)%22)) to open the workbench preferences.

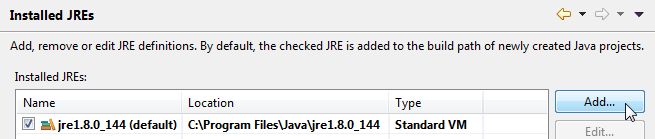


1. Select the [**Java > Installed JREs**](javascript:executeCommand(%22org.eclipse.ui.window.preferences(preferencePageId=org.eclipse.jdt.debug.ui.preferences.VMPreferencePage)%22)) preference page to display the installed Java Runtime Environments. Confirm that a JRE has been detected. By default, the JRE used to run the workbench will be used to build and run Java programs. It should appear with a checkmark in the list of installed JREs. It is recommended that you use a JDK instead of a JRE. A JDK is designed for development and contains the source code for the Java library, easing debugging. Additional JDKs can be added by searching the hard drive for installed JDKs. To do so, simply click the **Search...** button and specify a root folder for the search.

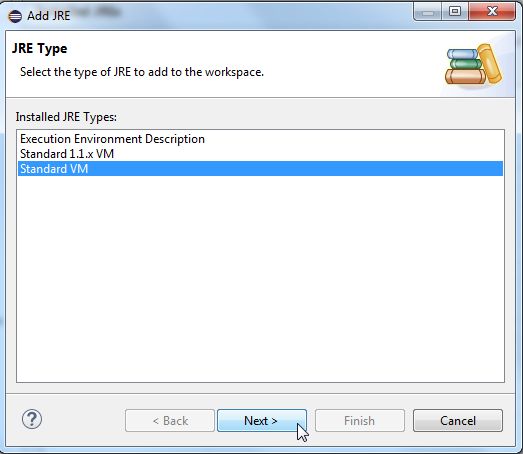




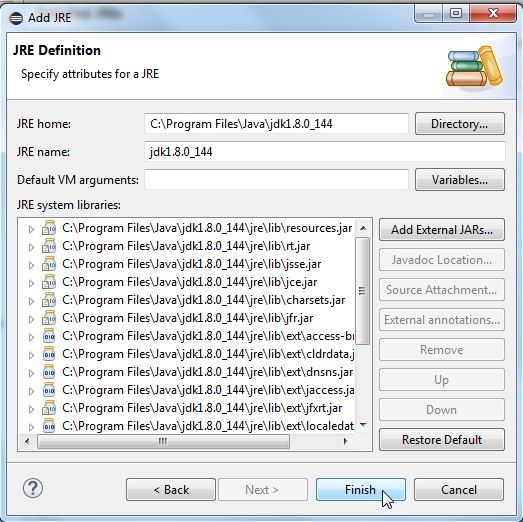
To add another JRE or SDK click the **Add …** button:



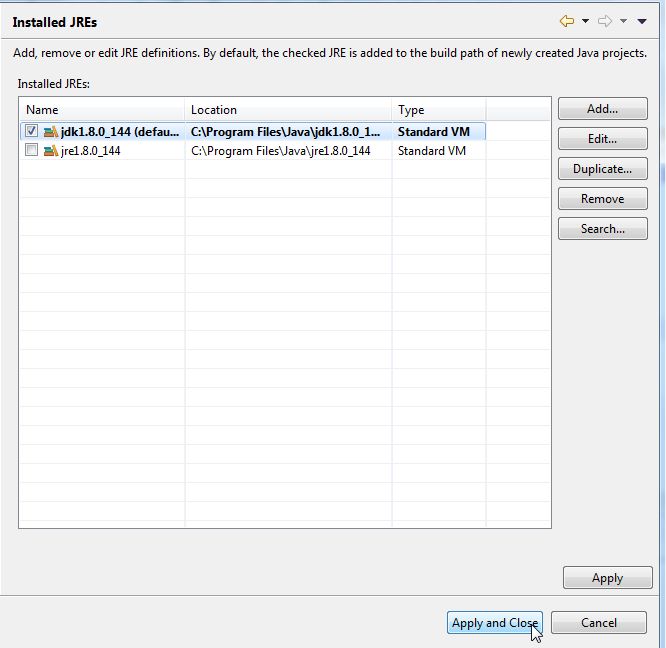
Then select **Standard VM** and click the **Next** button:



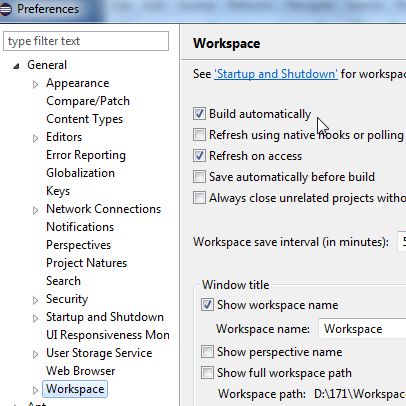
Browse to the JDK folder, select it, and click the **Finish** button:



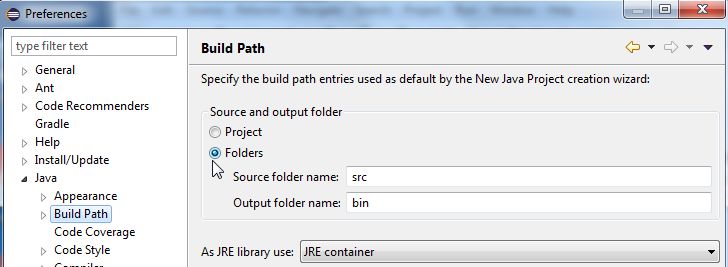
Make jdk1.8.0\_144 the default and click the **Apply and Close** button:



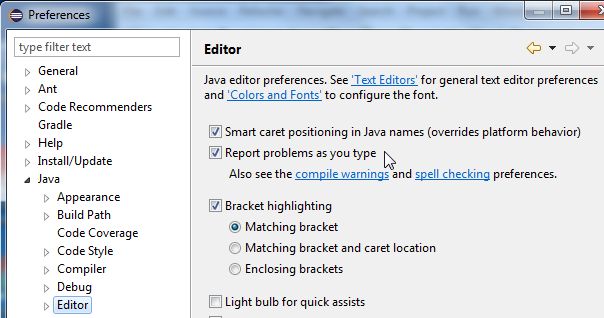
1. Select the [**General > Workspace**](javascript:executeCommand(%22org.eclipse.ui.window.preferences(preferencePageId=org.eclipse.ui.preferencePages.Workspace)%22)) preference page. Confirm that the **Build automatically** option is checked.



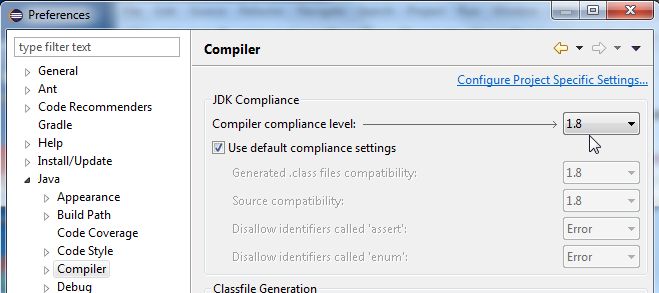
1. Select the [**Java > Build Path**](javascript:executeCommand(%22org.eclipse.ui.window.preferences(preferencePageId=org.eclipse.jdt.ui.preferences.BuildPathPreferencePage)%22)) preference page. Confirm that **Source and output folder** is set to **Folders**.



1. Select the [**Java > Editor**](javascript:executeCommand(%22org.eclipse.ui.window.preferences(preferencePageId=org.eclipse.jdt.ui.preferences.JavaEditorPreferencePage)%22)) preference page. Confirm that option **Report problems as you type** is checked.



1. Select the [**Java > Compiler**](javascript:executeCommand(%22org.eclipse.ui.window.preferences(preferencePageId=org.eclipse.jdt.ui.preferences.CompliancePreferencePage)%22)) preference page. Confirm that option **Compiler compliance level** matches your default JRE version (usually **1.8**).



1. Click on **OK** to save the preferences.