Developer Instructions for Setting Up, Running and Building VERDI on a Windows System

Download and Install Eclipse

Go to website http://www.eclipse.org/ to download Eclipse Classic 3.2.2 for Windows install file and unzip it into a local directory on Windows system.

Download and Install NSIS Installer

Go to website http://nsis.sf.net download NSIS installer and install it on Windows system.

Upgrade Eclipse to Include the Subclipse Plugin

This integrates svn into eclipse in the same way as cvs is already. You can use the eclipse plugin updater for this. Follow the instructions provided on http://subclipse.tigris.org/install.html. For the last step of typing in the New Update Site, please specify the update site as: http://subclipse.tigris.org/update_1.2.x.

Create a VERDI Directory

Start Eclipse and Switch the Workspace to the VERDI Directory

Import VERDI Source Code

From eclipse workbench, choose the following menus: File -> import -> Other -> Checkout Projects from SVN. Click Next. Create a new repository location and use url: https://verdi.svn.sf.net/svnroot/verdi. Click Next, then Click Finish. Next, from under the trunk folder select bootstrap, core, saf.core.ui, verdi.data.loaders, and verdi_dist. Then click Finish button.

After import is finished, there should be 5 new projects in the package explorer: verd_bootstrap, verdi_core, verdi_data_loaders, verdi_dist and verdi_saf_ui (see Figures 1~5).
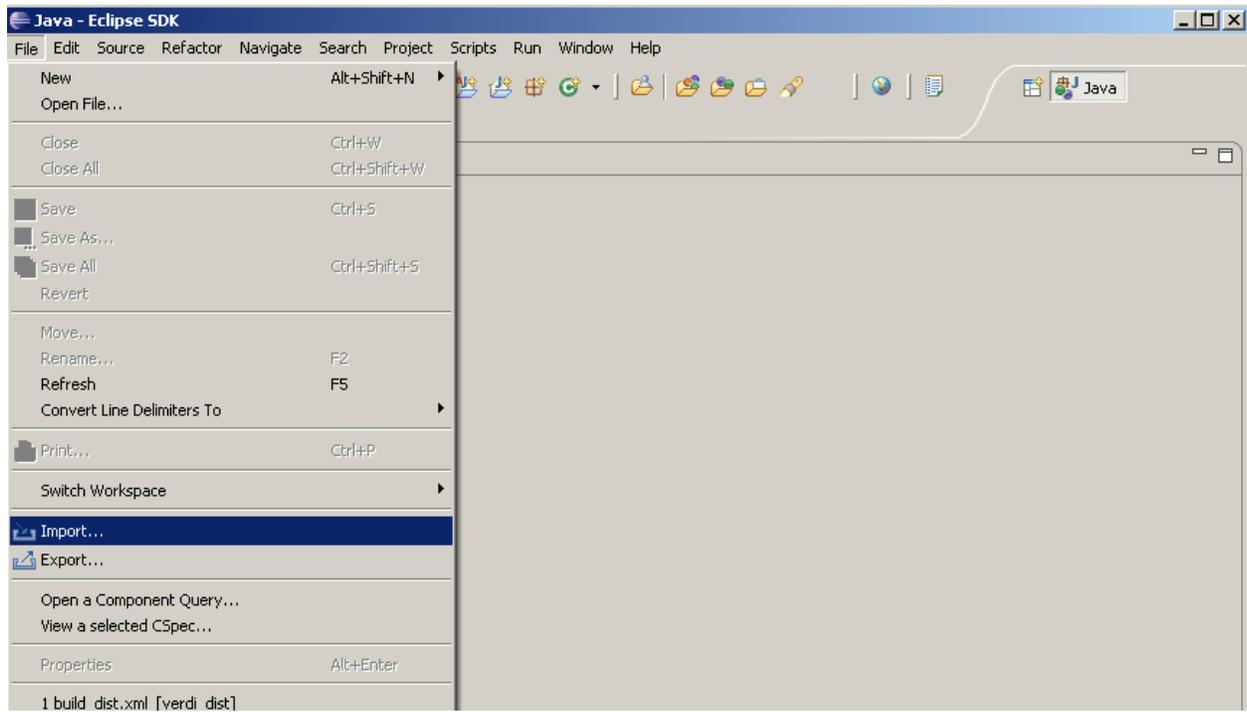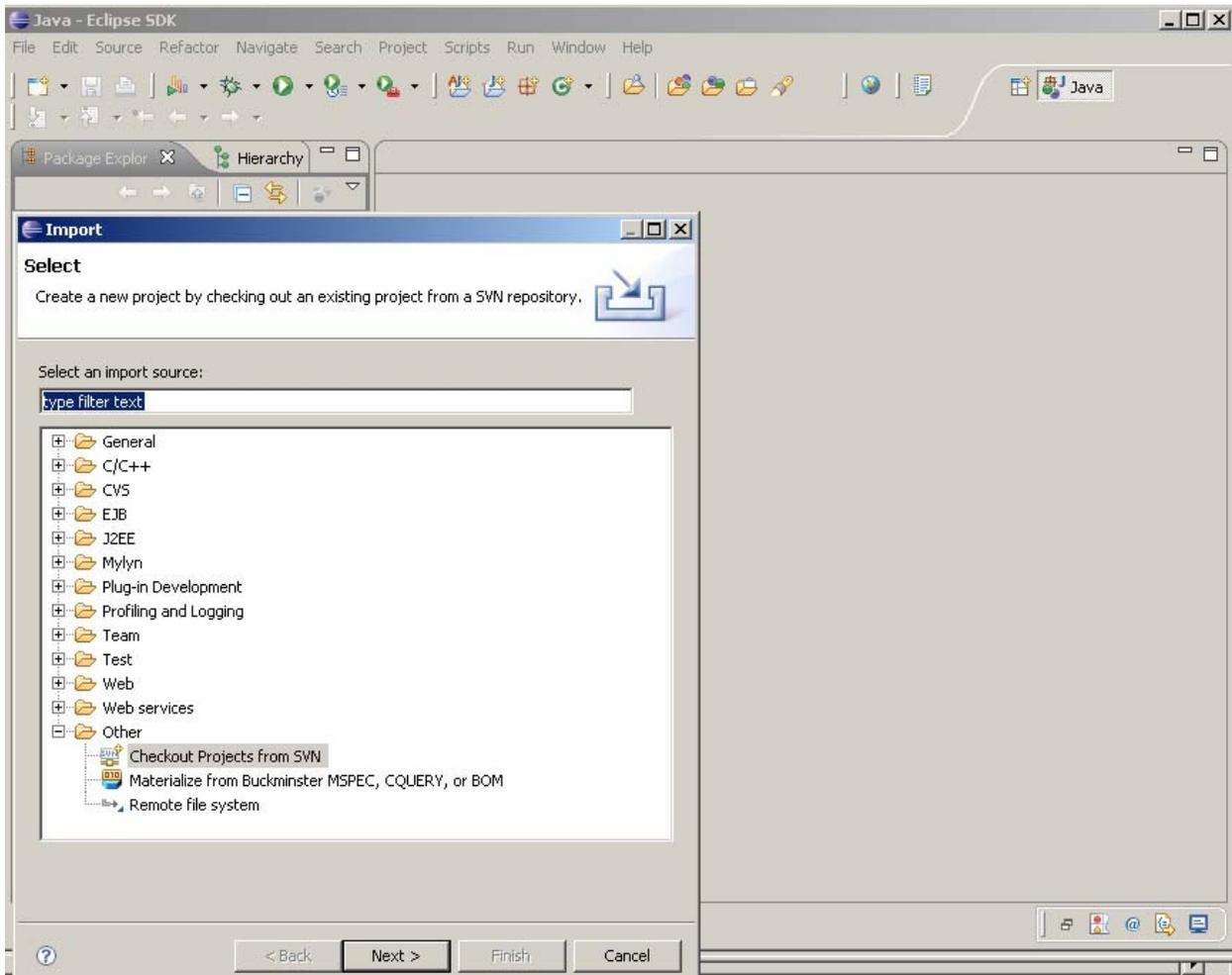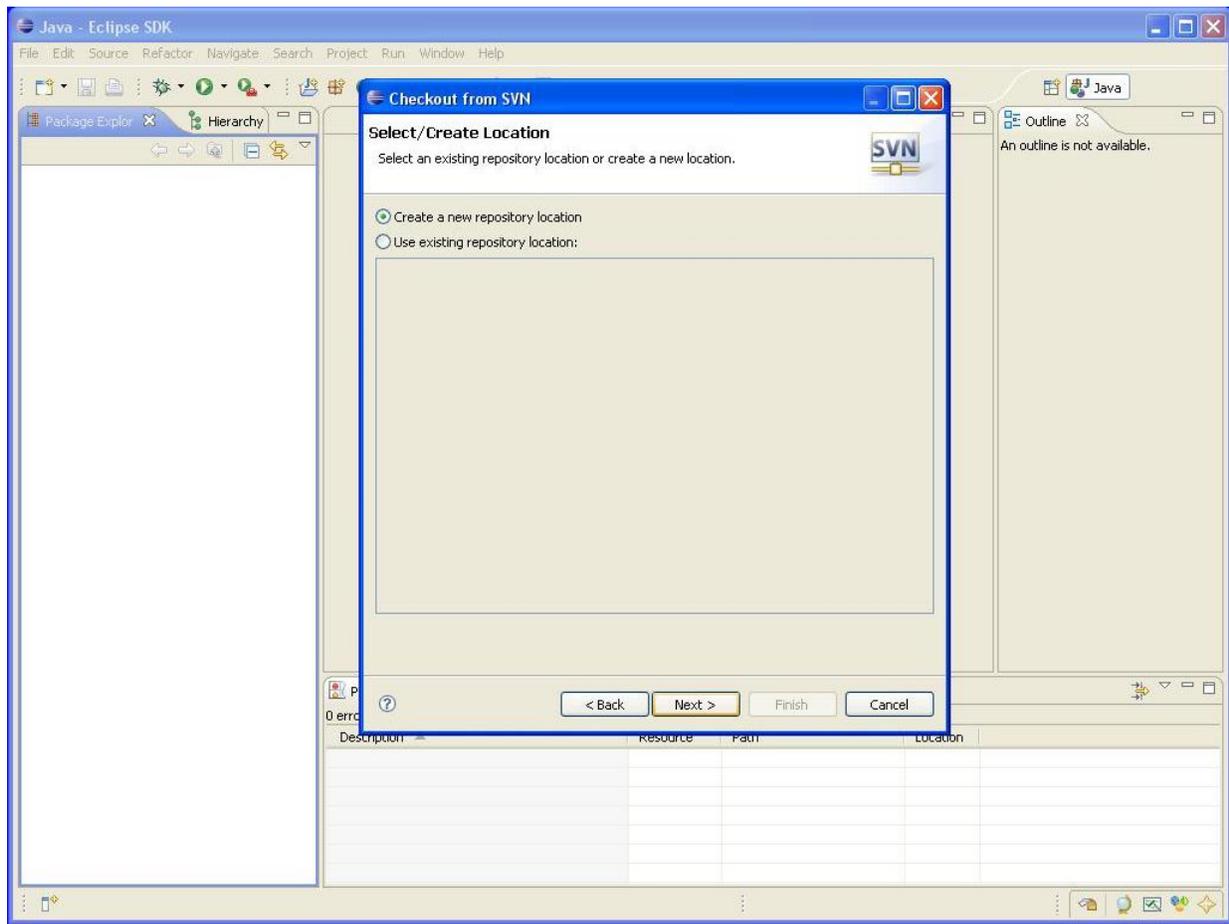
Figure 1
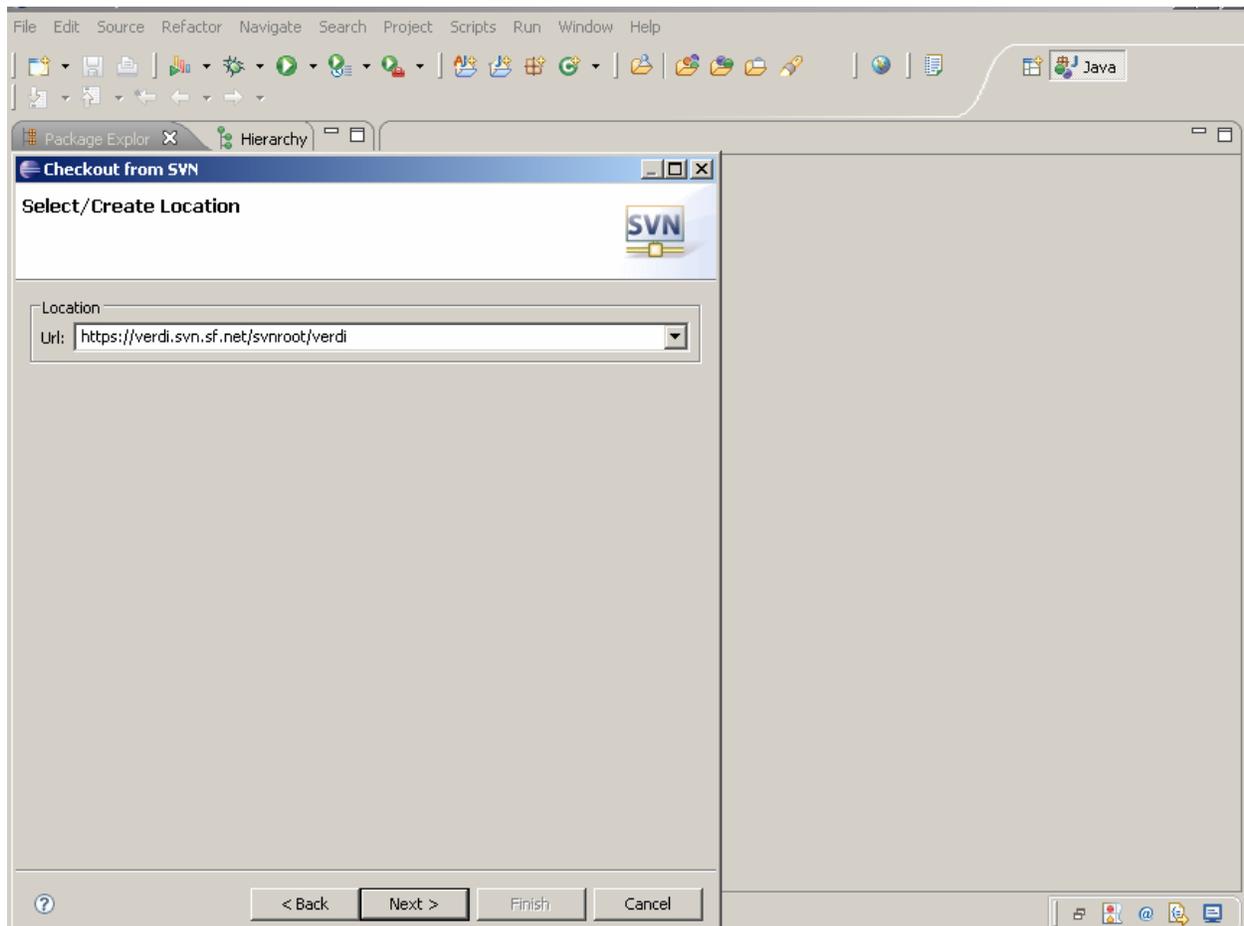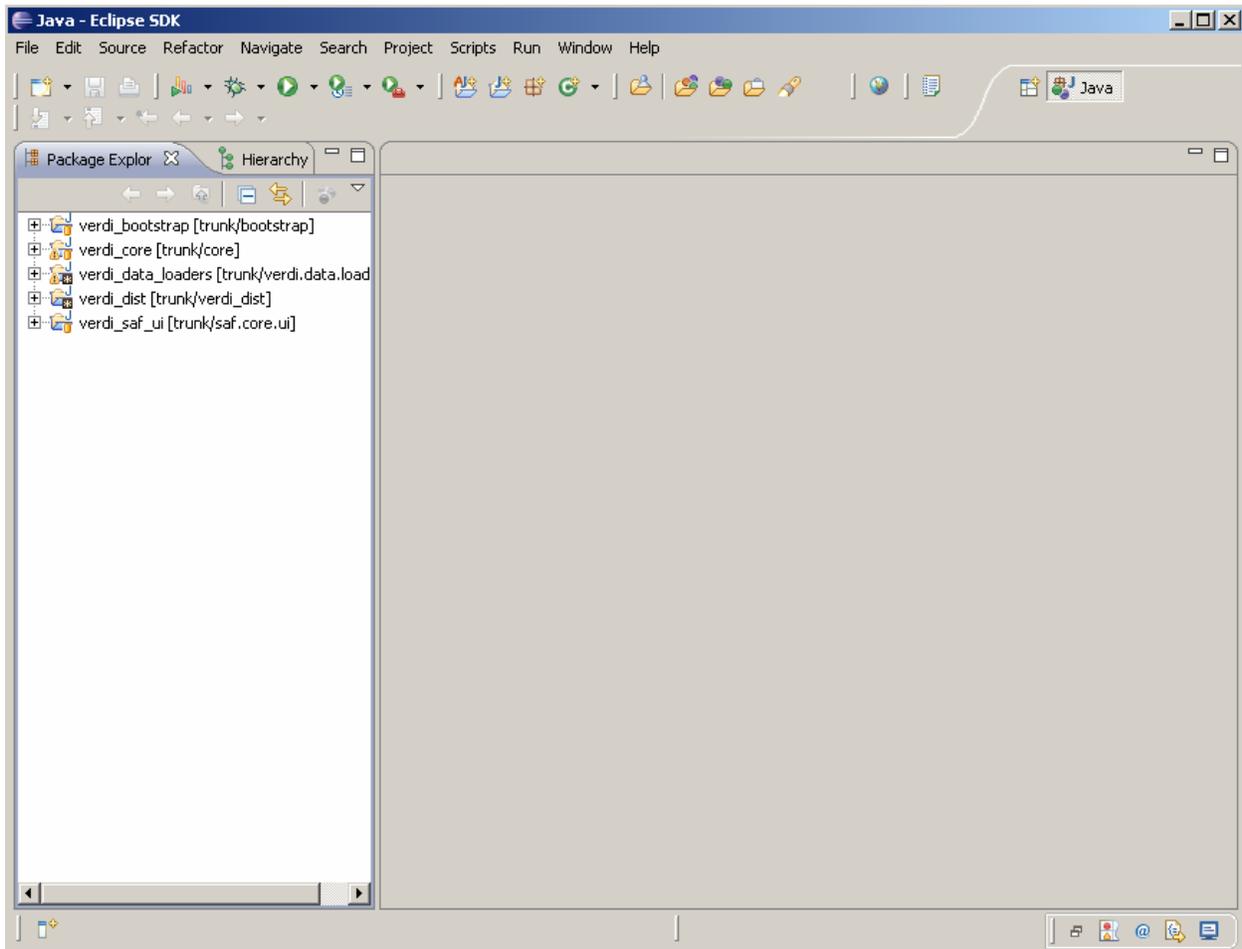
Figure 2

Figure 3

Figure 4

Figure 5

Specify Distribution Folder and NSIS Folder

Add a build.properties file into project Verdi_dist root directory and specify the distribution folder and NSIS installation folder. Modify build.xml file to reflect the new folder specifications. The highlighted lines in the build.xml file need to be changed to match the values shown in Figures 6~9.
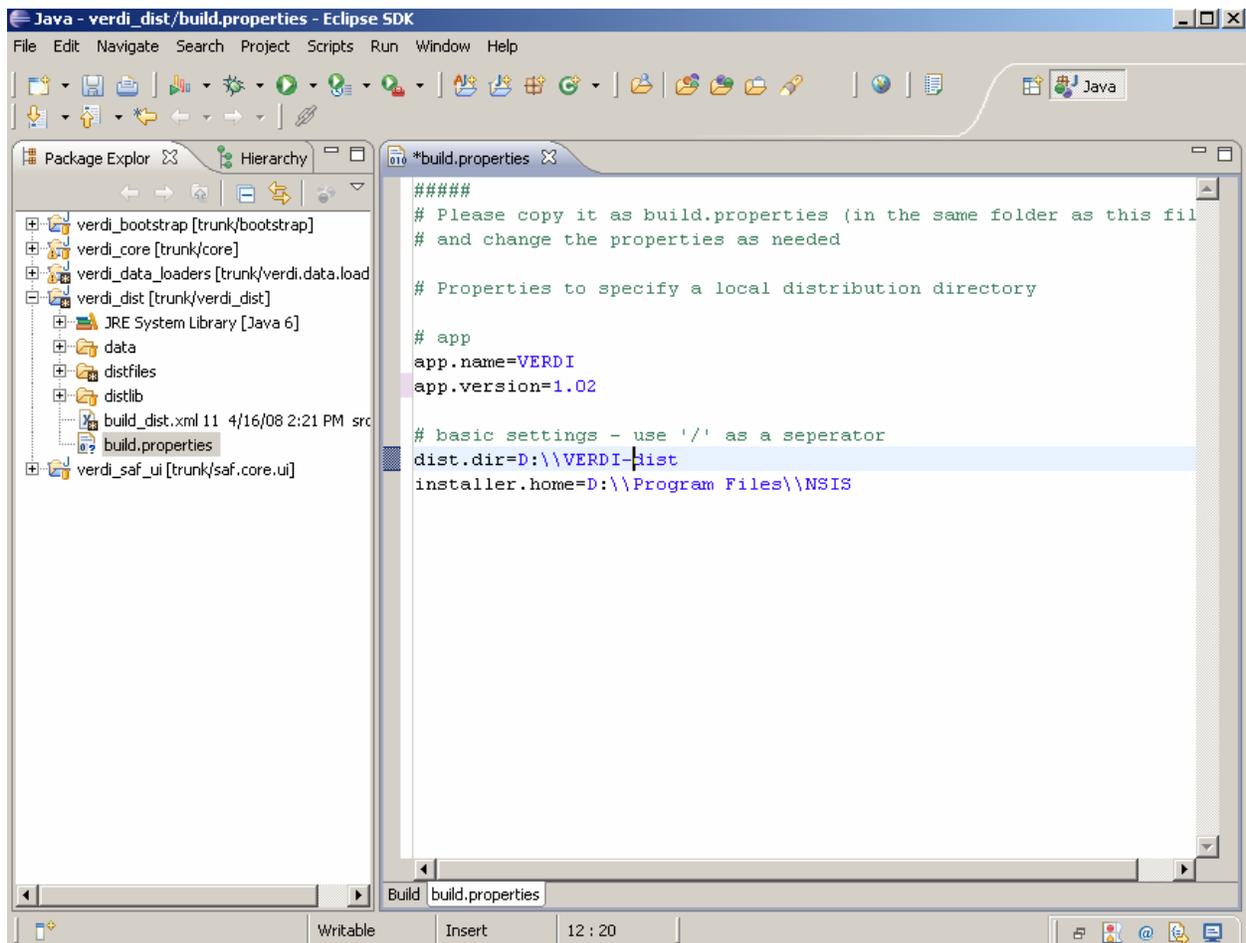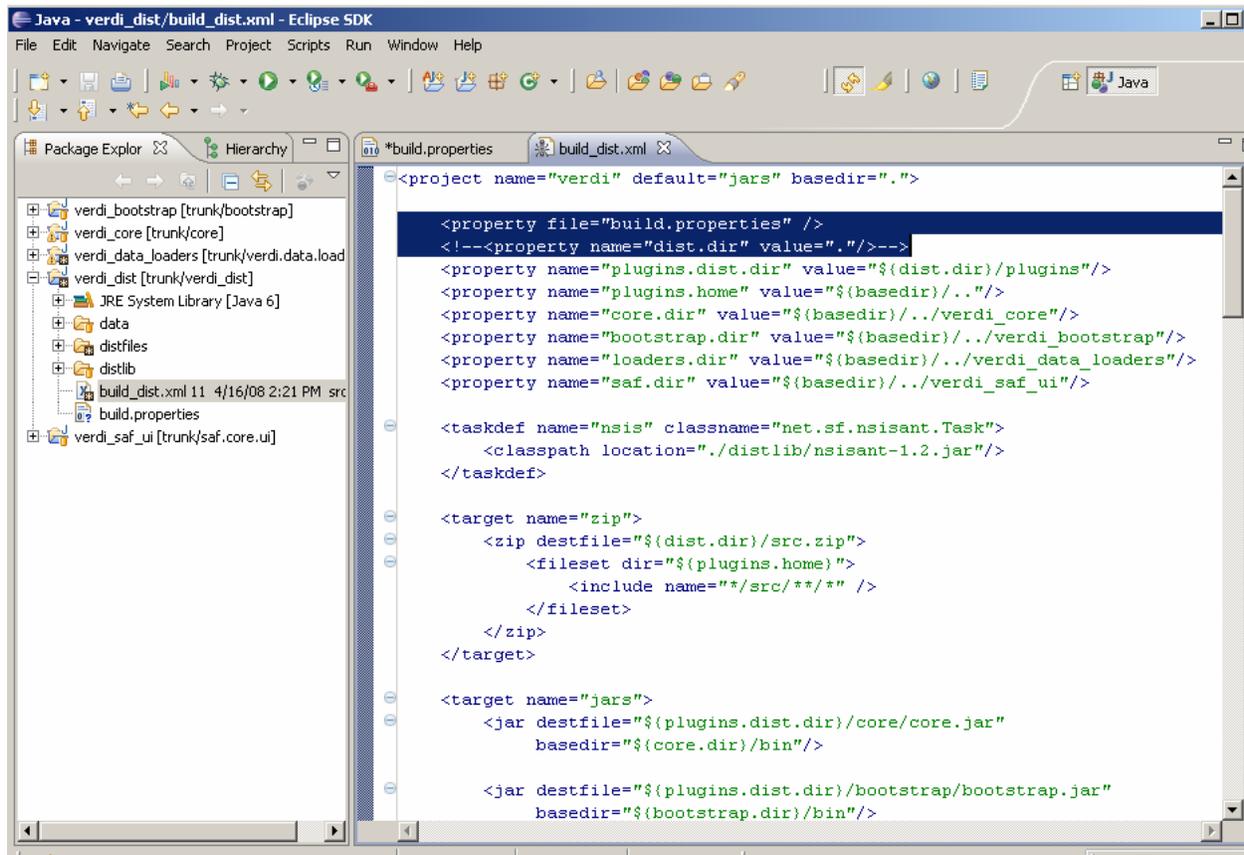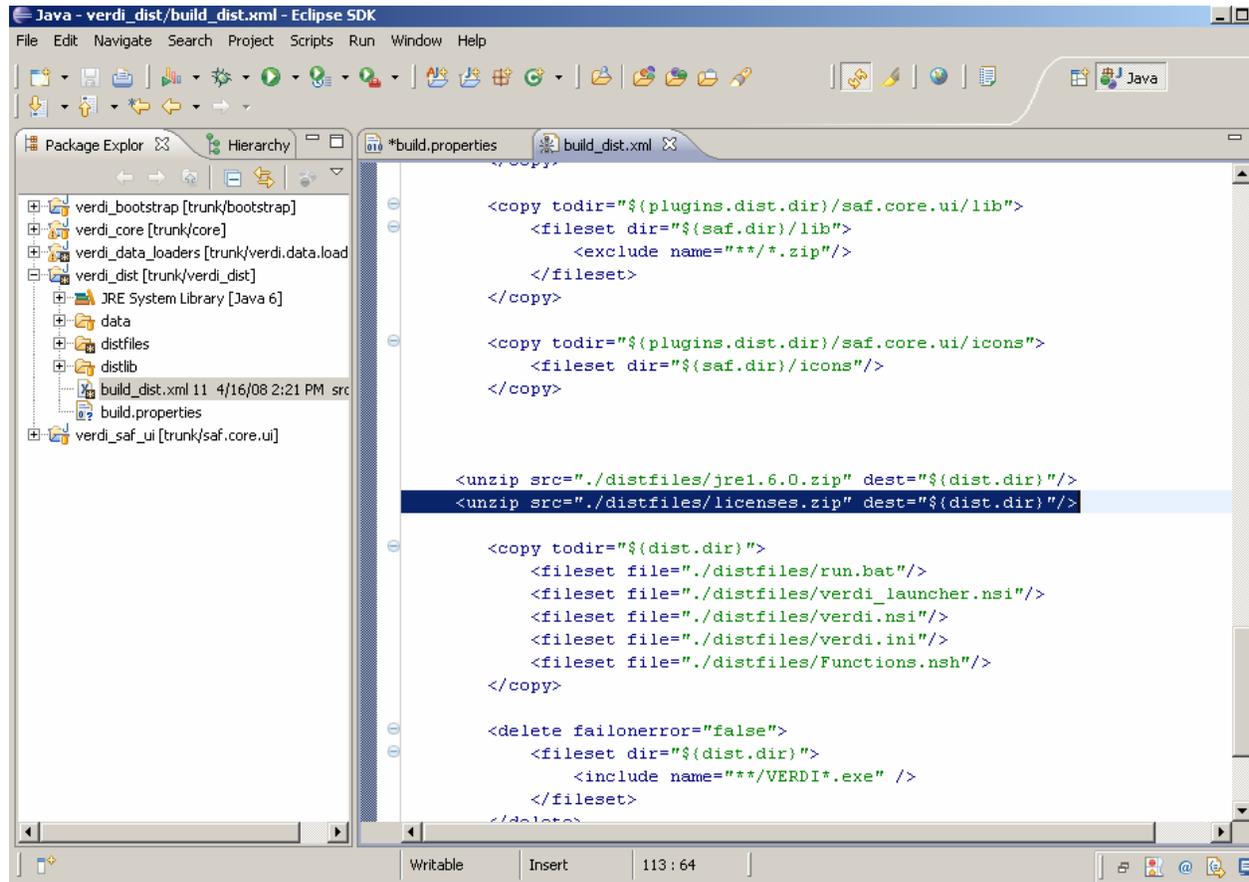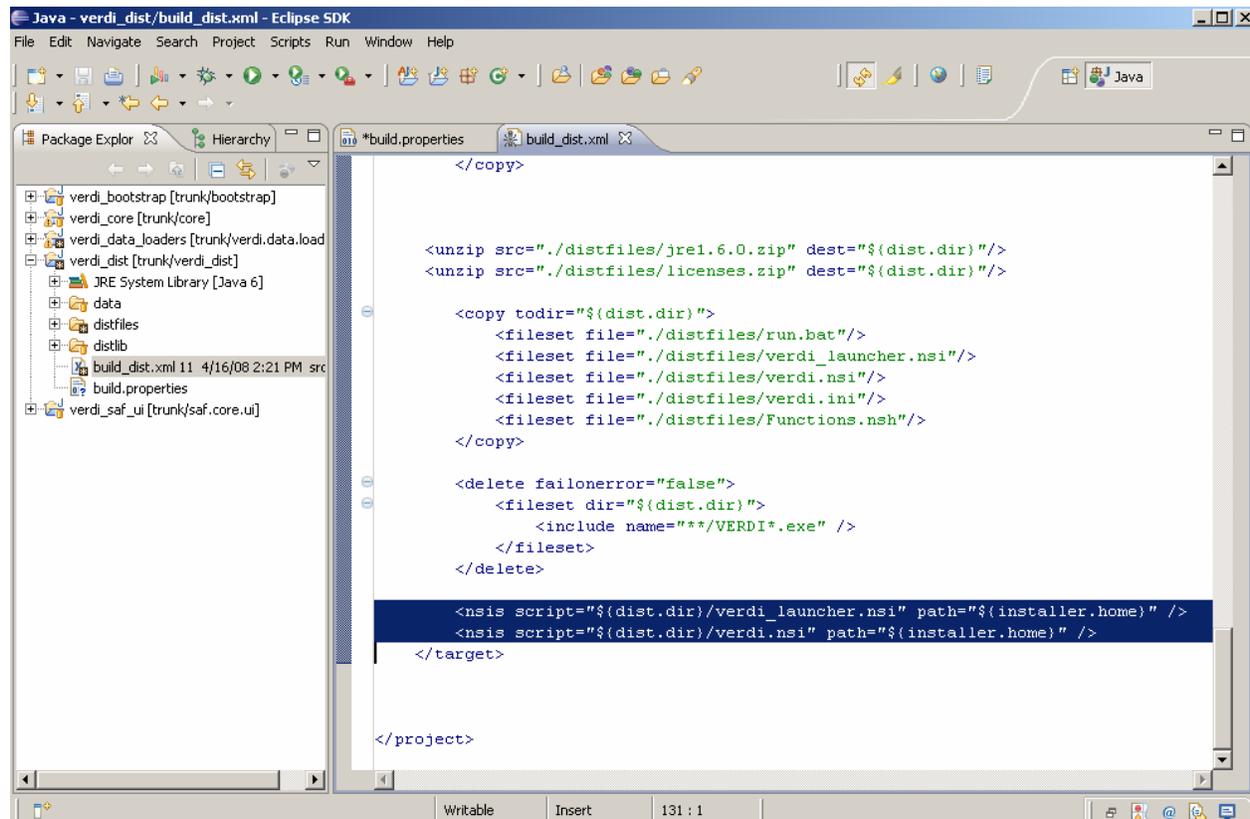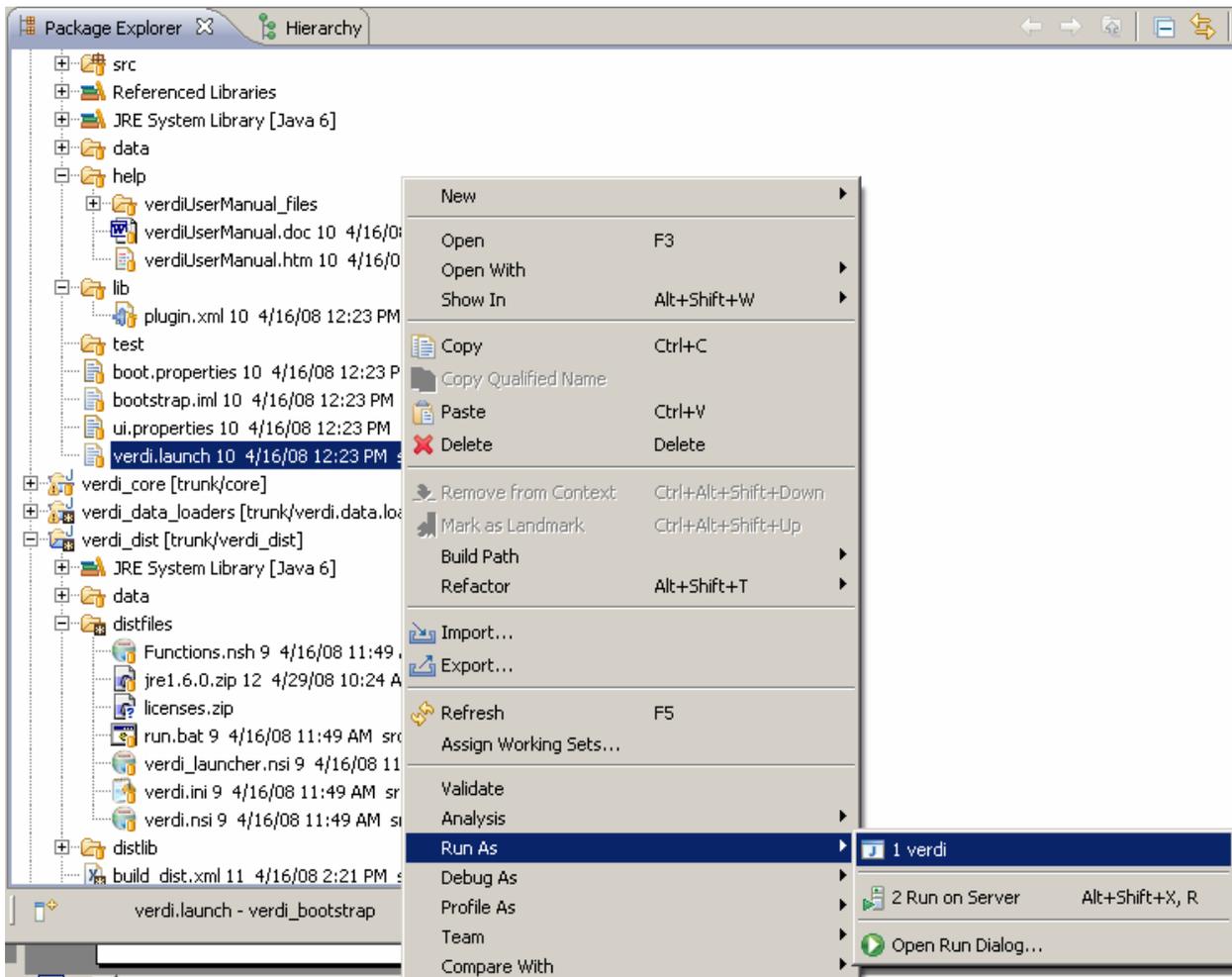
Figure 6

Figure 7

Figure 8

Figure 9

Run VERDI

You can run verdi using the verdi.launch script in verdi_bootstrap. Right click on Verdi_launch, select Run As>Verdi, as shown in Figure 10.

Figure 10

Build Verdi

The windows distribution can be built using the build_dist.xml ant script in the verdi_dist project. To do this select the eclipse menu options Window>Show View>Ant to create a subwindow for Ant, as shown in Figure 11. Then drag the build_dist.xml into the Ant window. Double click on build.dist to build the VERDI distribution.

Figure 11