Demo Part1

Log into account awips, first Show Lesson 1 of Sourceforge tutorial.

.   Run /setup_ade.h

You Should see:

Starting the ADE installer, please do not close this window...
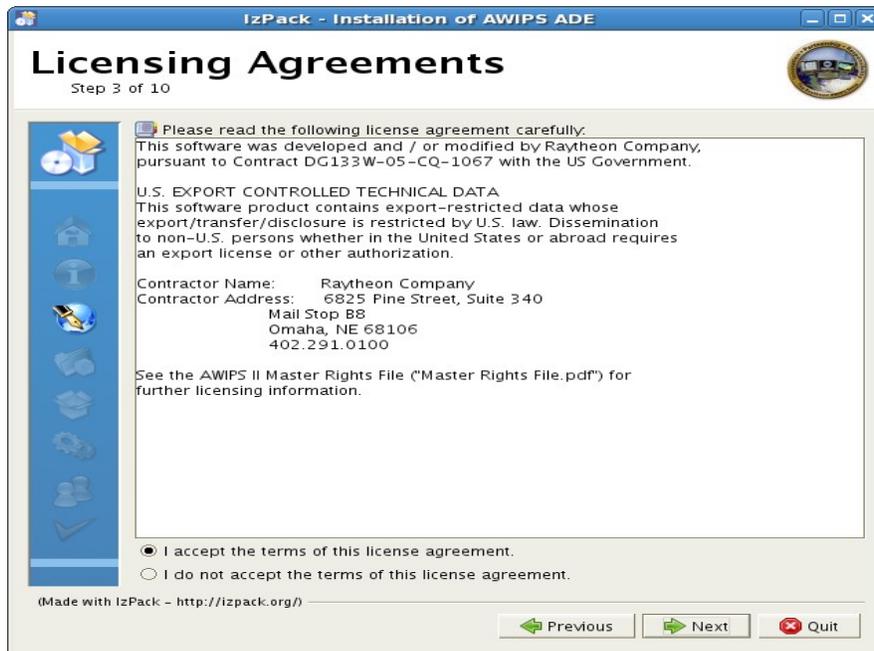
The **Welcome** screen will appear.

Click **Next**
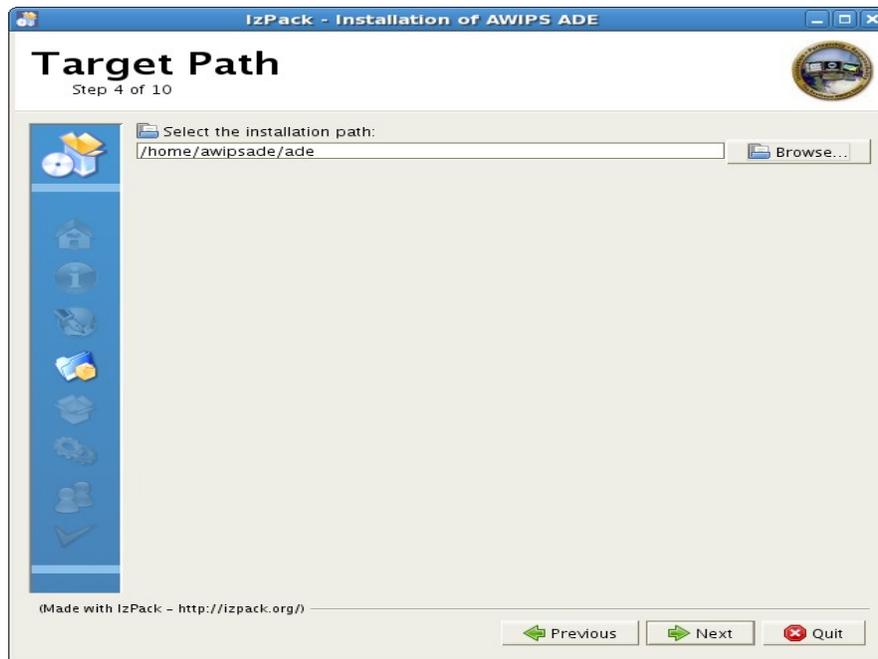
An **Information** screen will appear.

Click **Next**

The **Licensing Agreements** screen appears.

Select **I Accept the terms of this license agreement** and the click **Next.**
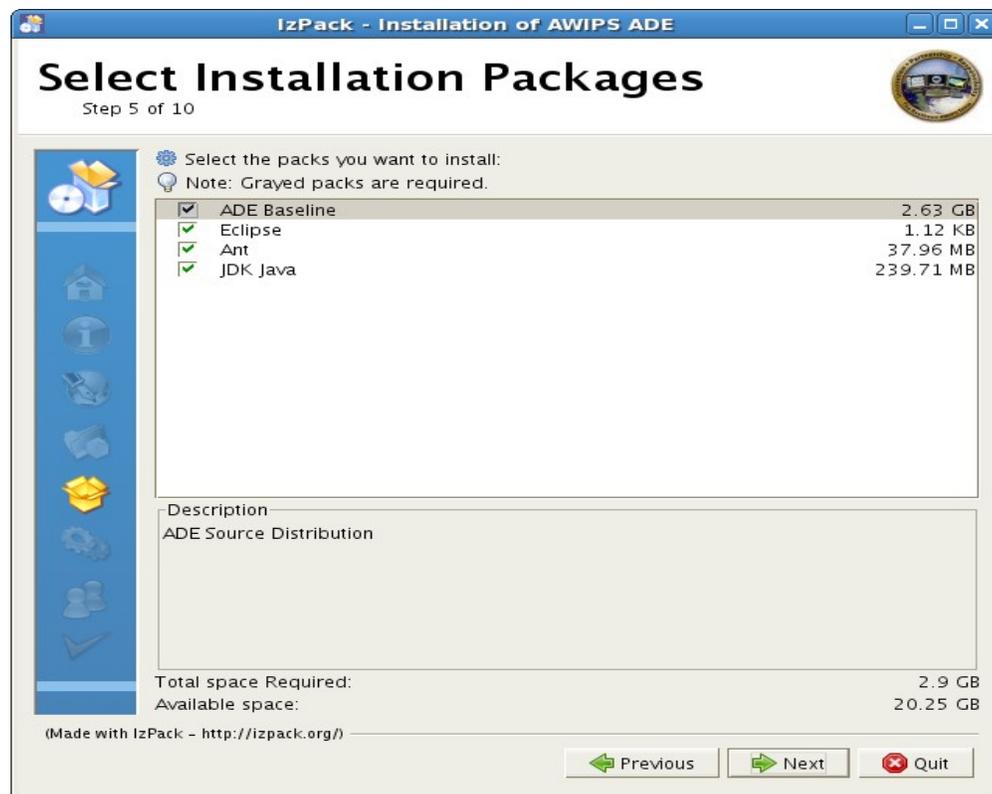
The **Target Path** screen appears.

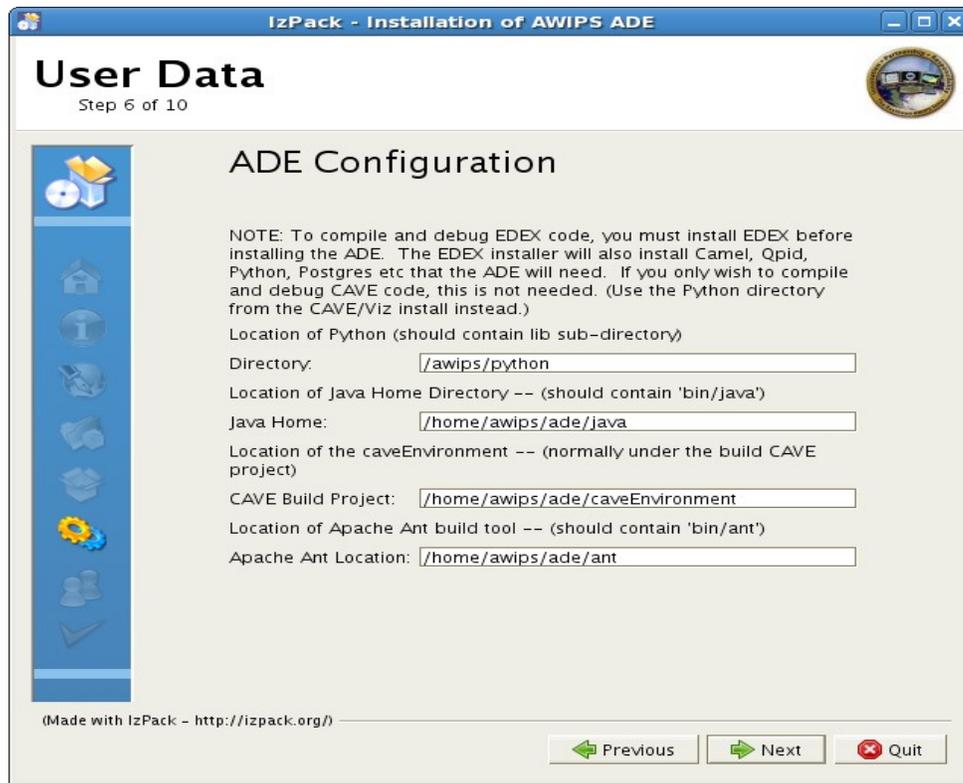Enter an Installation path like :   **/home/awips/ade** (the default should be fine).
Then Click **Next**
The **Select Installation packages** screen appears.

Select all of the packs to install and Click **Next**
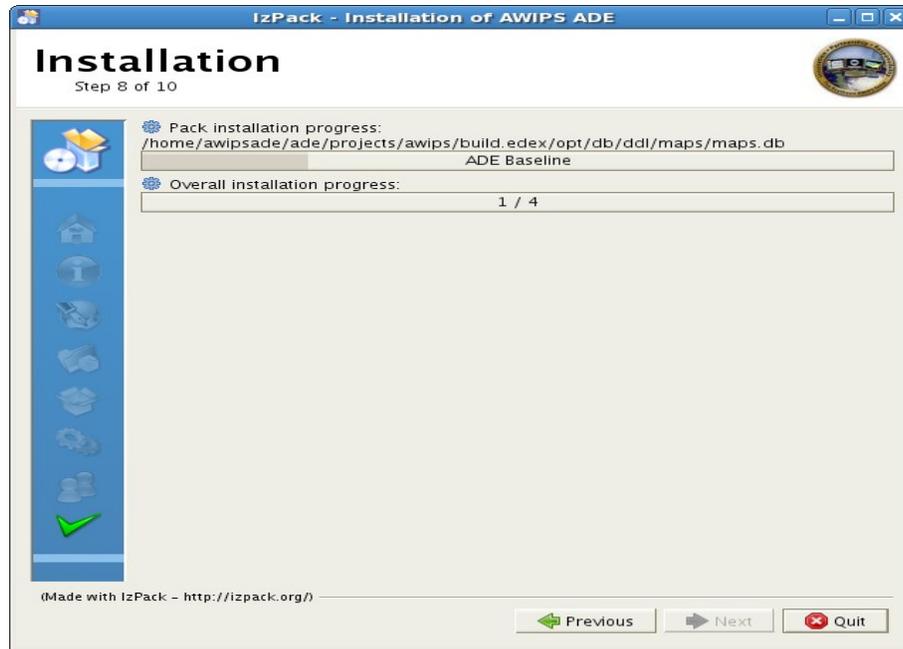
The **User Data** screen appears.

Make sure the paths are correct (defaults should be correct) and Click **Next.**
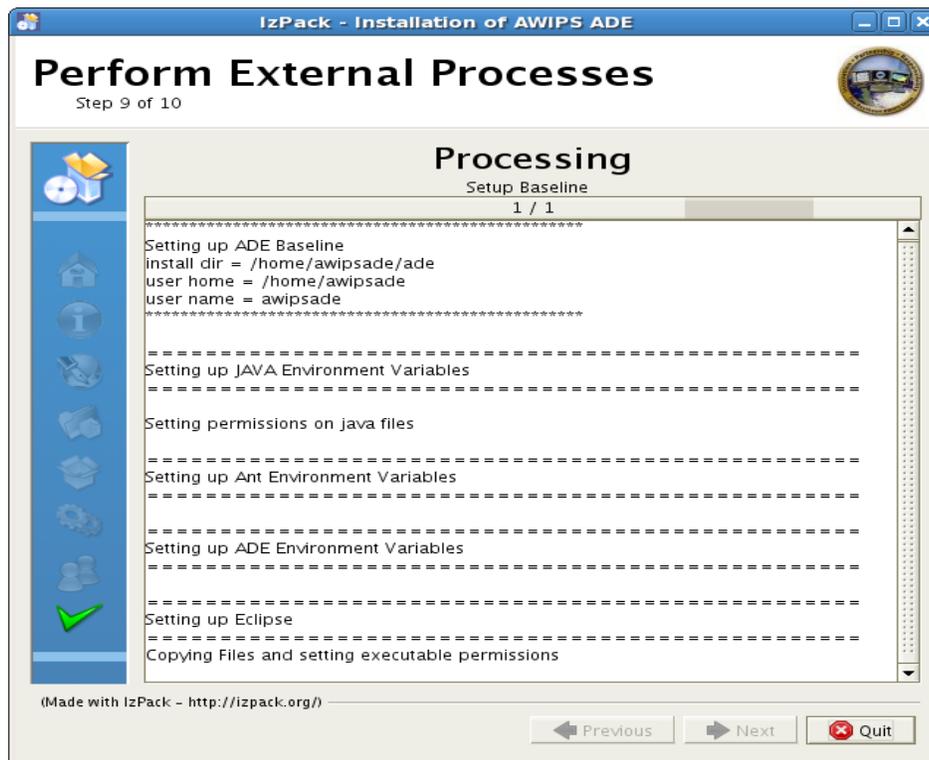The **Setup Shortcuts screen** appears.

Unselect "**Create shortcuts in the XDG-Menu"** and click **Next**
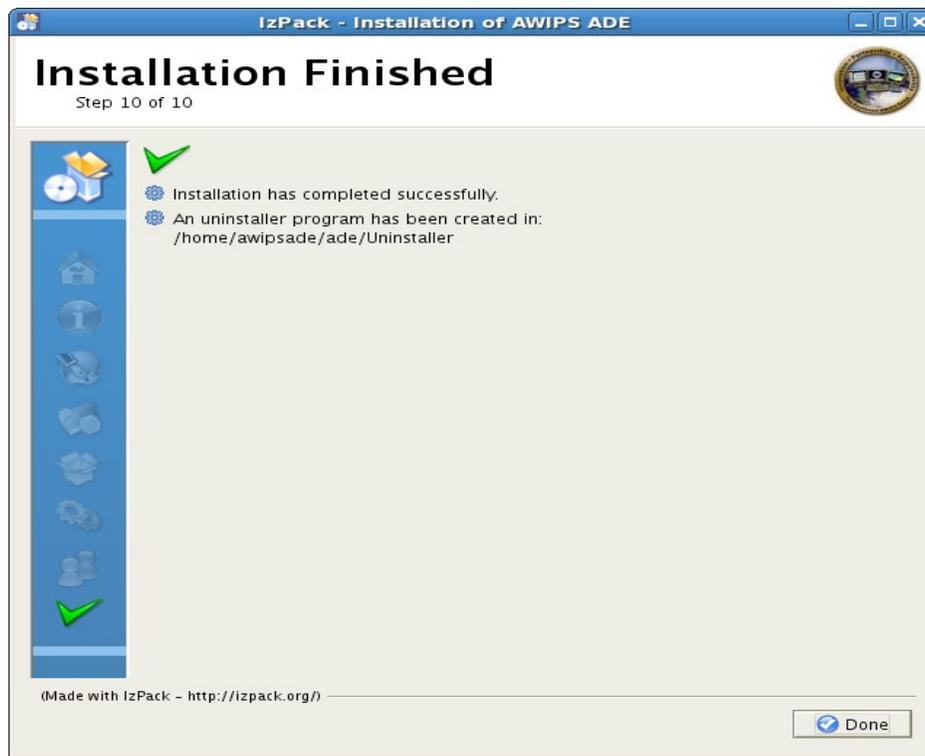
The **Installation** screen appears.

Wait for installation to complete and Select **Next**
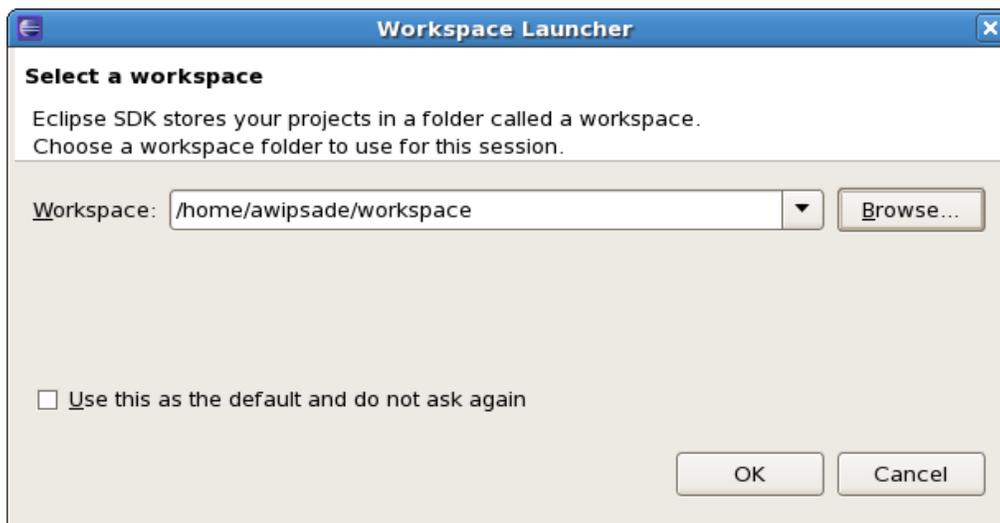The **Perform External Processes** screen appears.

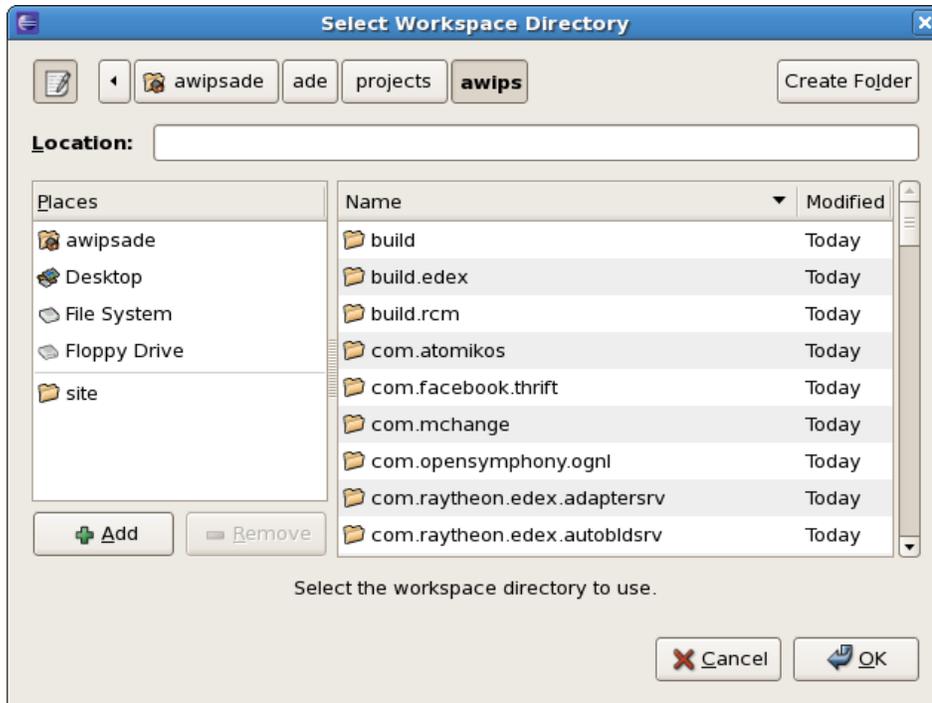When "**Perform External Processes**" Completes select **Next**
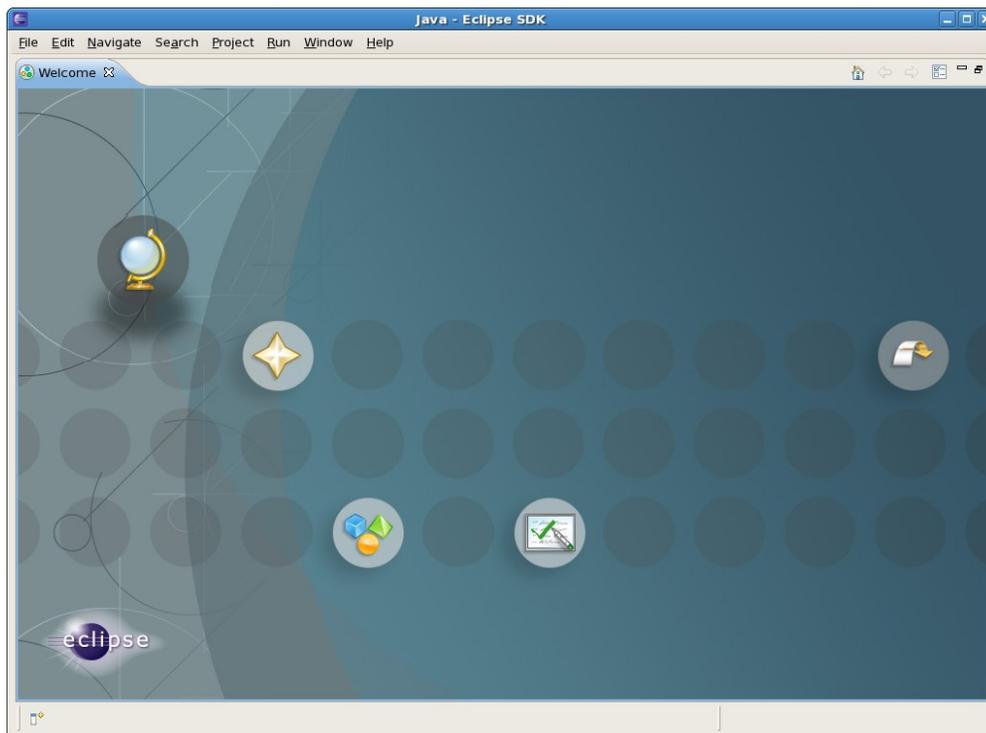
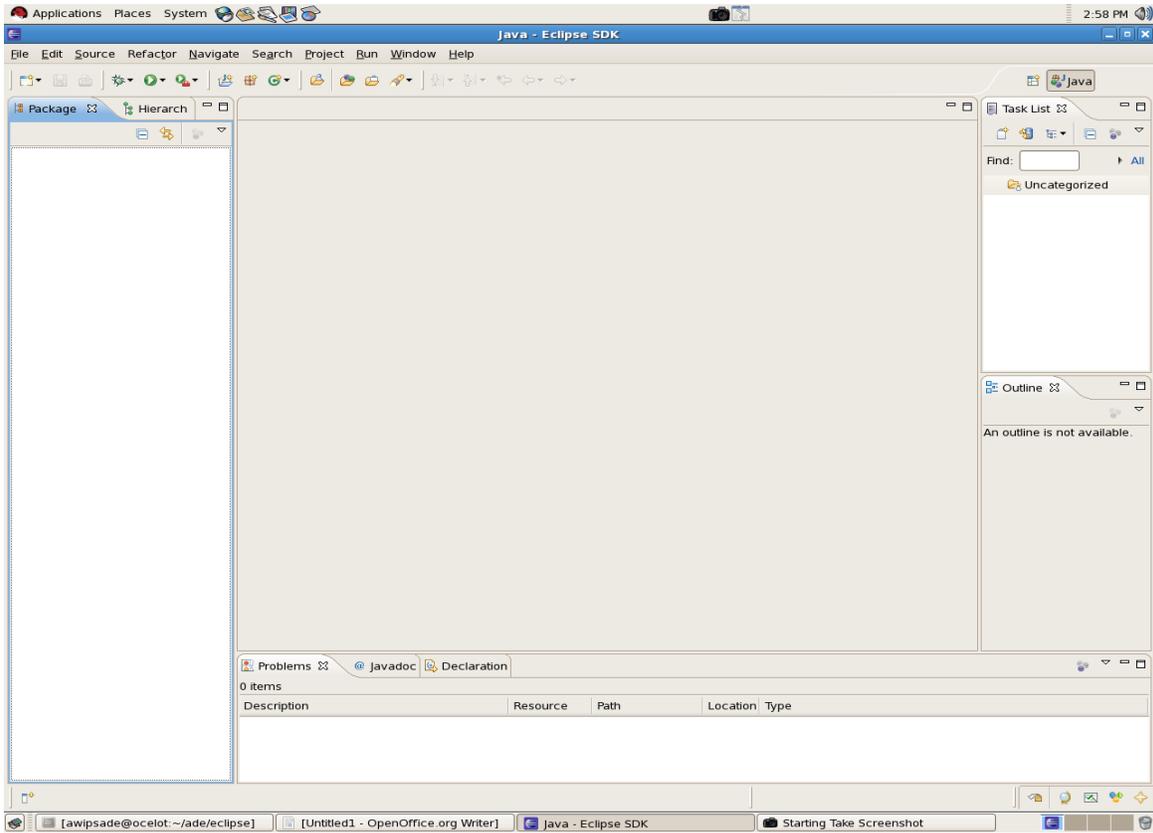Select **Done**.

cd ade/eclipse
./eclipse.sh

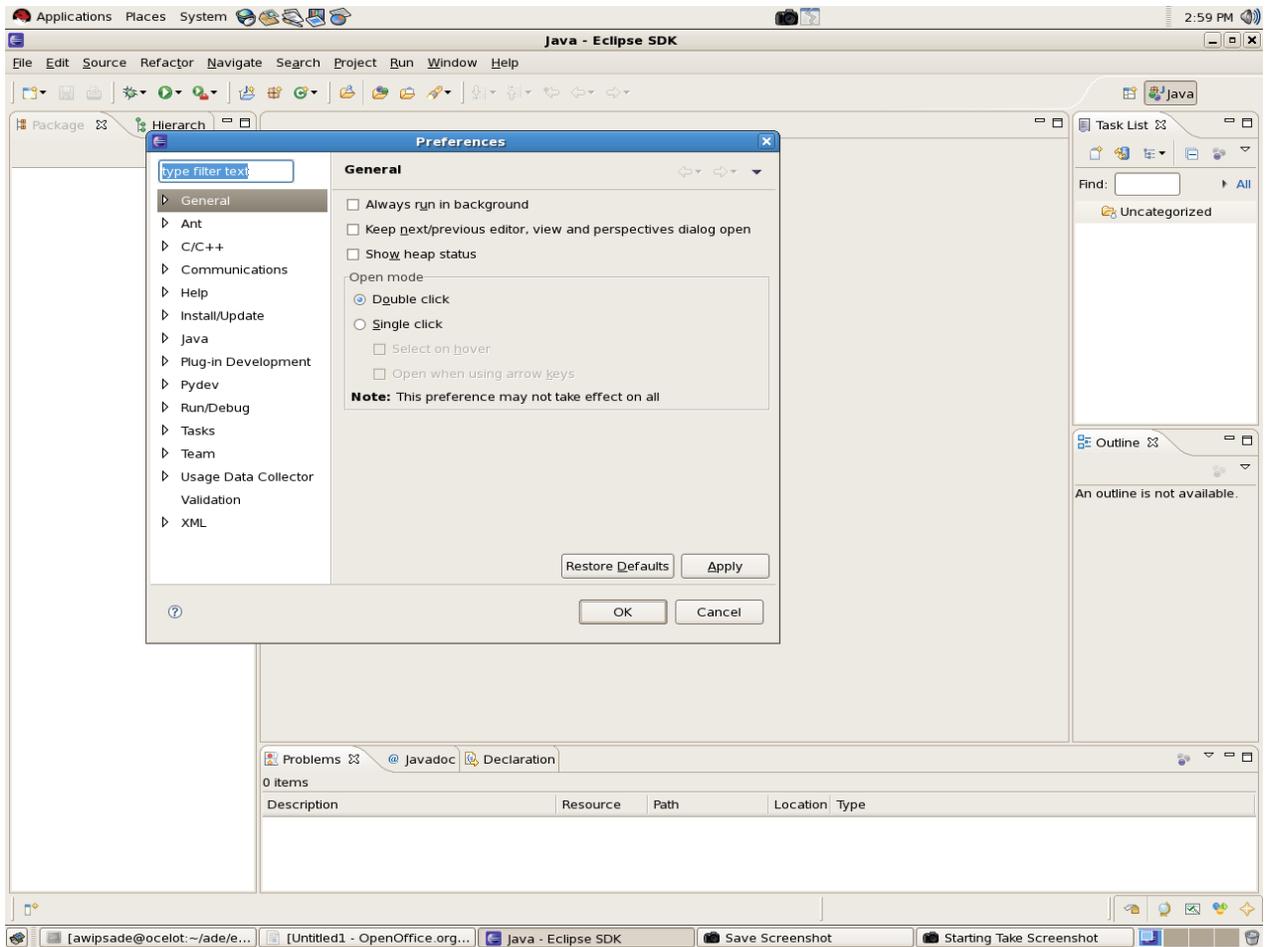Select **Browse**. and Navigate to /home/username/ade/projects/awips – select **Ok**

Then select **Ok** in Workspace Launcher Window. Wait for the following Initial Eclipse Window.
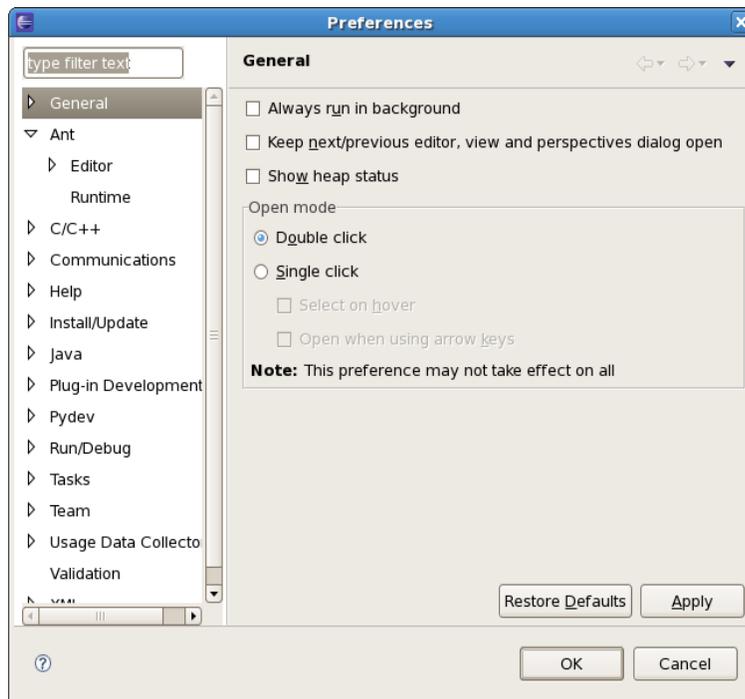

Click on the Button with the Down Arrow Icon on the Far right to enter the initial IDE Java perspective Window seen below.
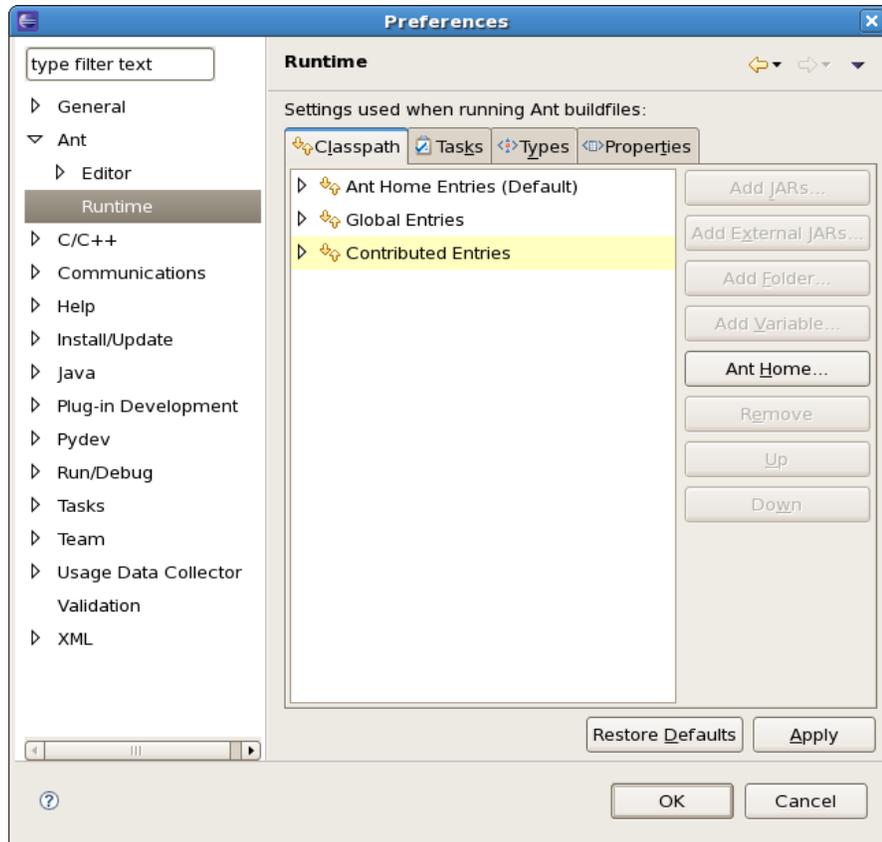
Select the **Window** pull down menu from the menu bar and select the P**references** menu item.
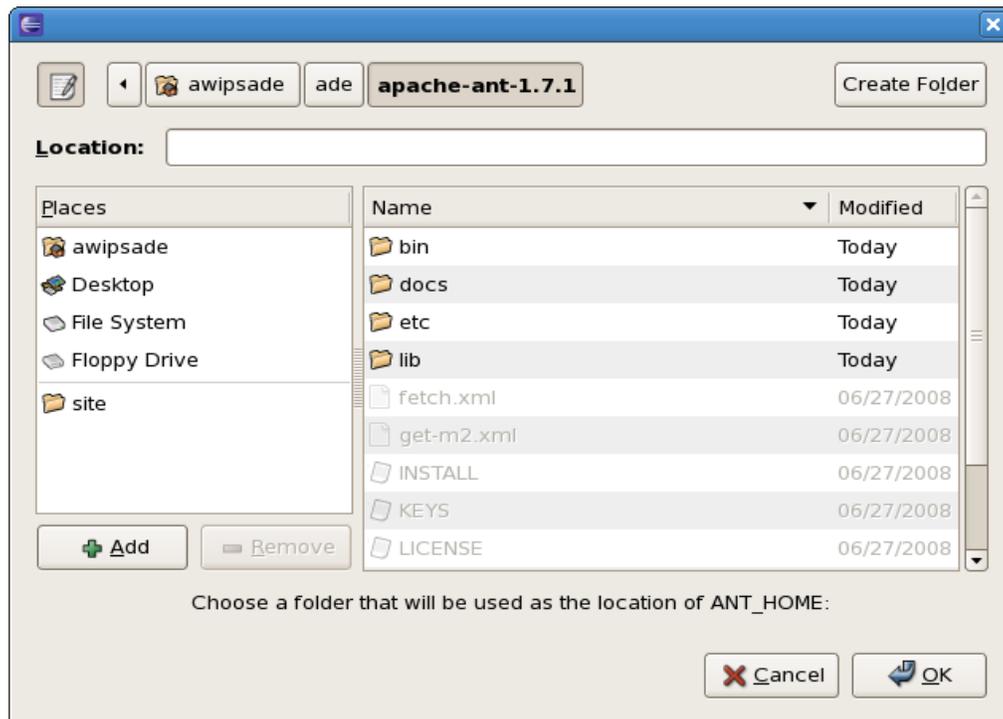
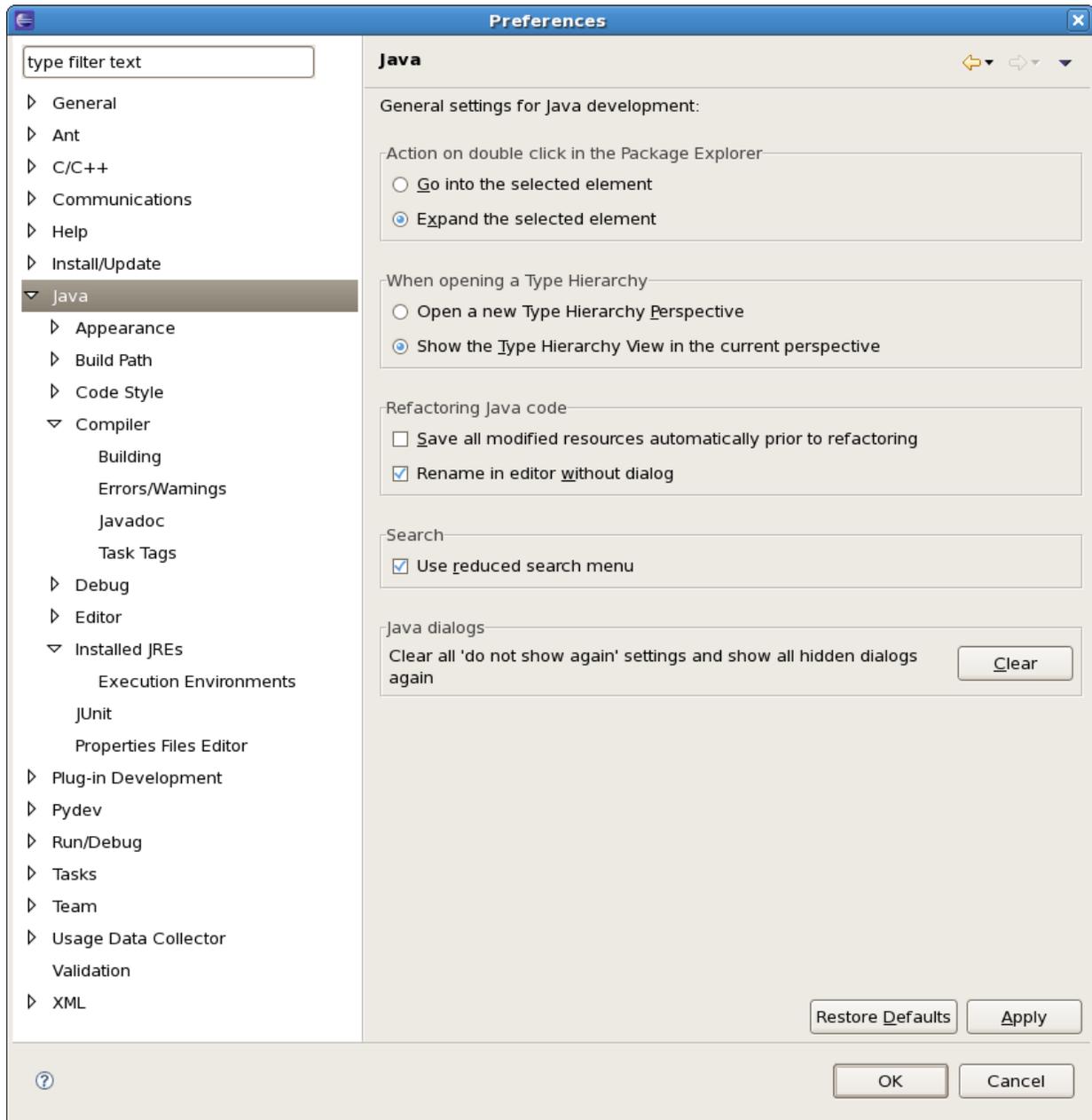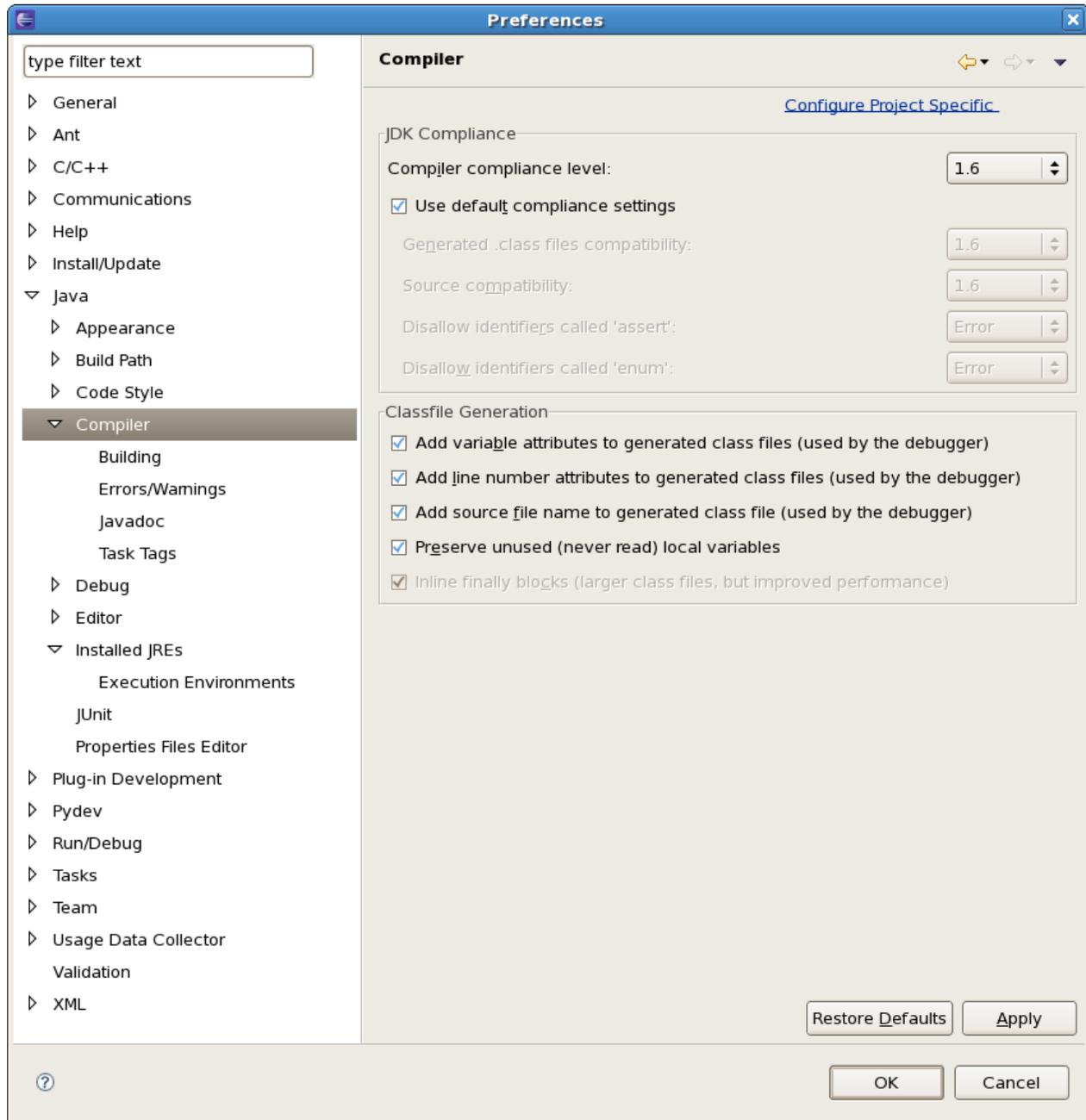Expand the Ant Selection

Select Ant Home.

Navigate to the Directory where Ant is installed (/home/awipsade/ade/apache-ant-1.7.1) and select the **Ok** button.
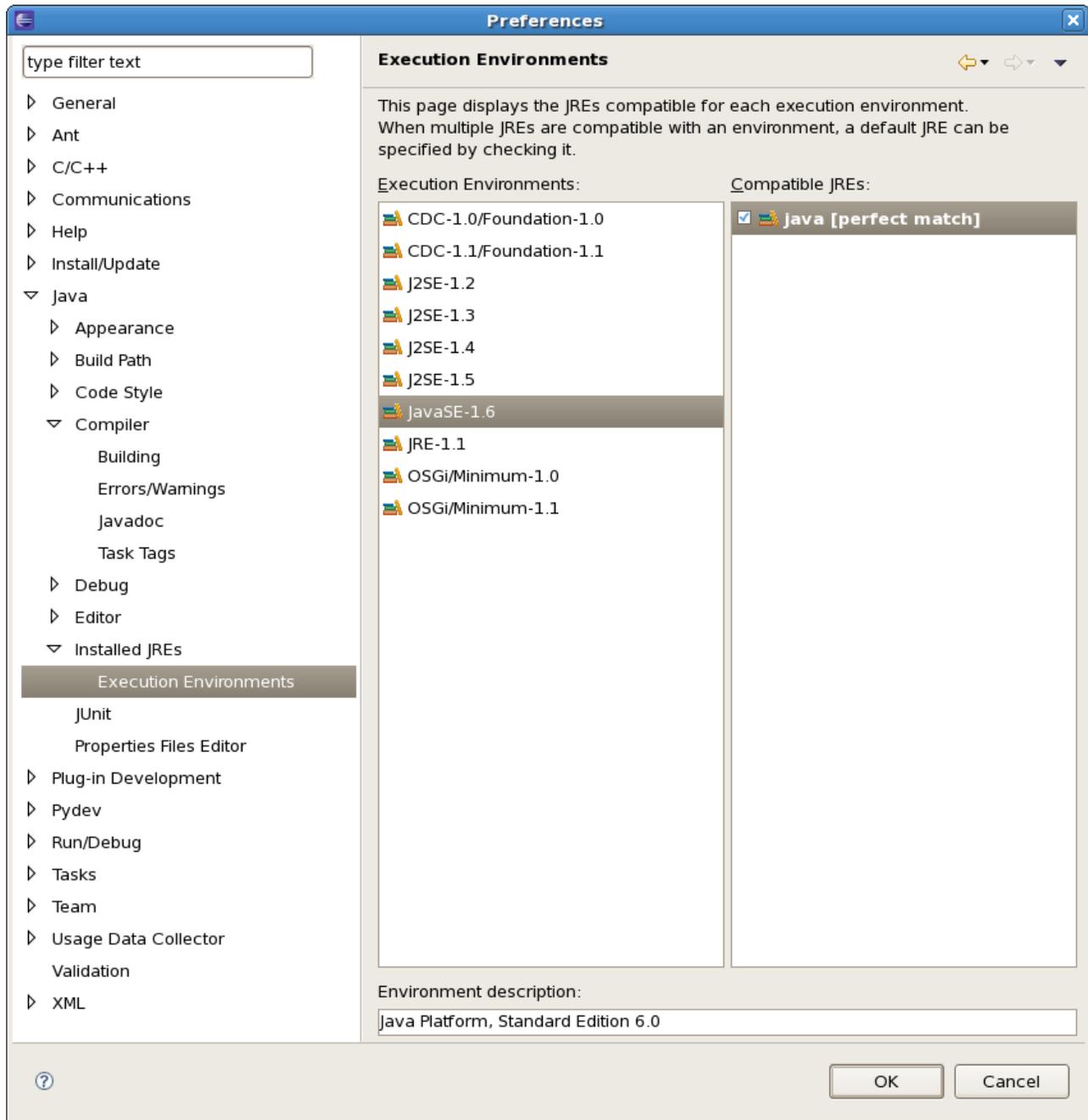
Expand **Preferences - Java** – **Java/Compiler** and **java/Installed JREs**
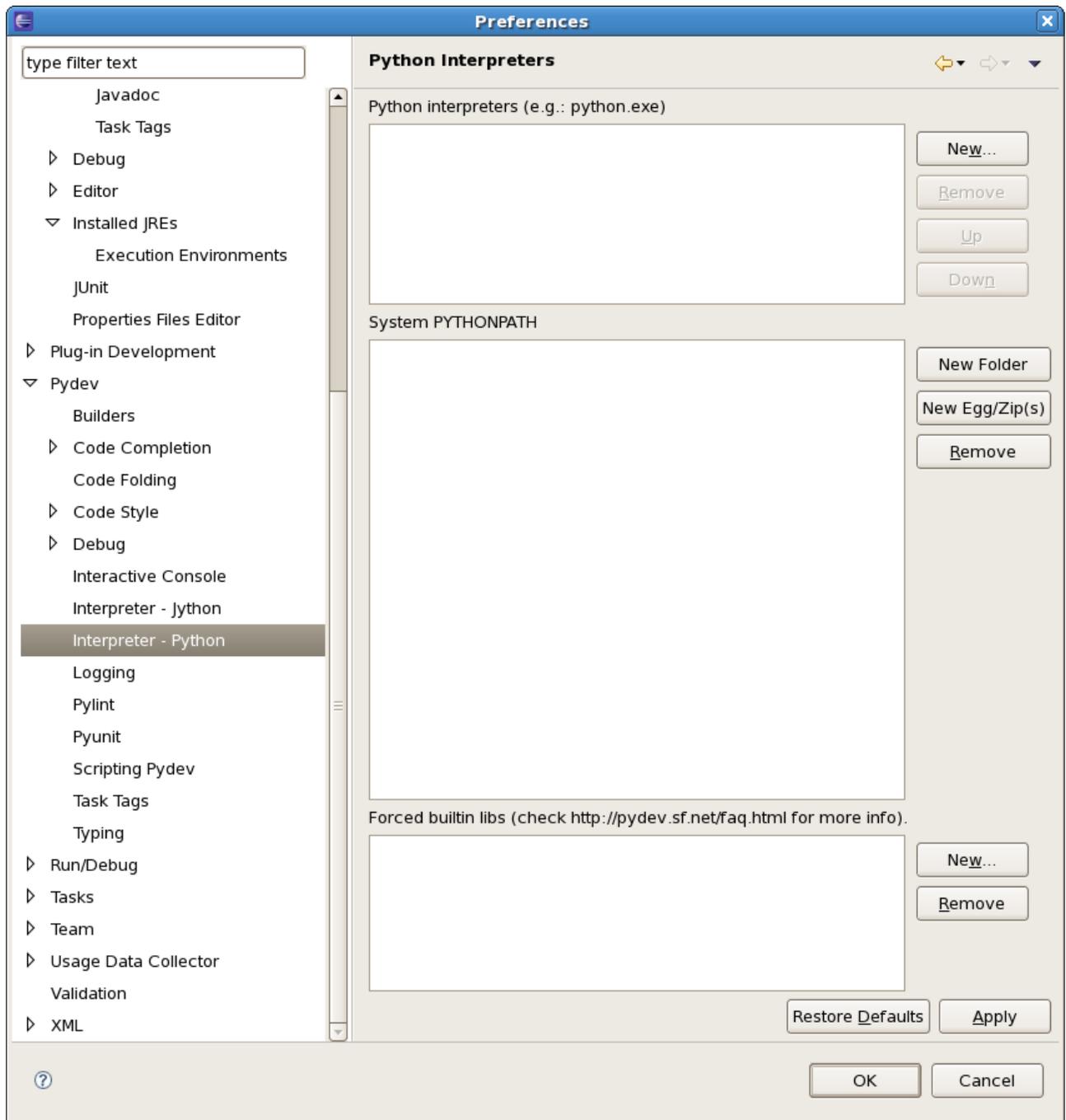
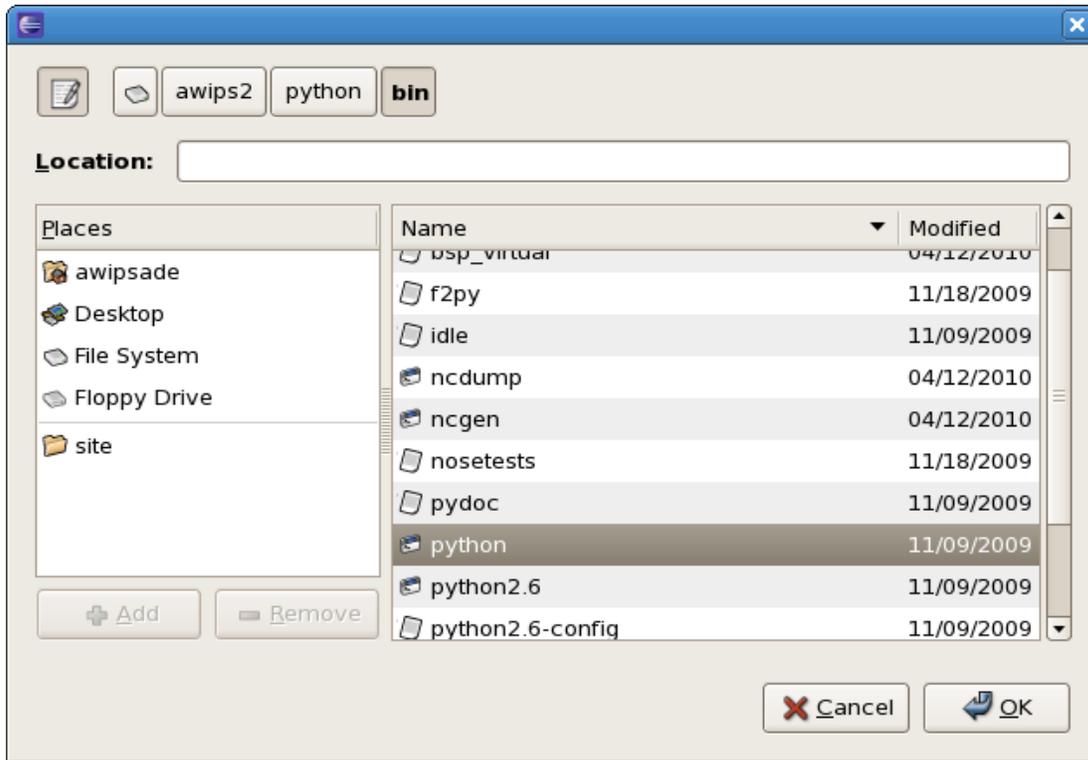Highlight the **compiler** selection Make sure **compiler compliance level** is at Version 1.6

Highlight **Execution Environments ,** Select the Correct Execution Environment ie **JavaSE-1.6**
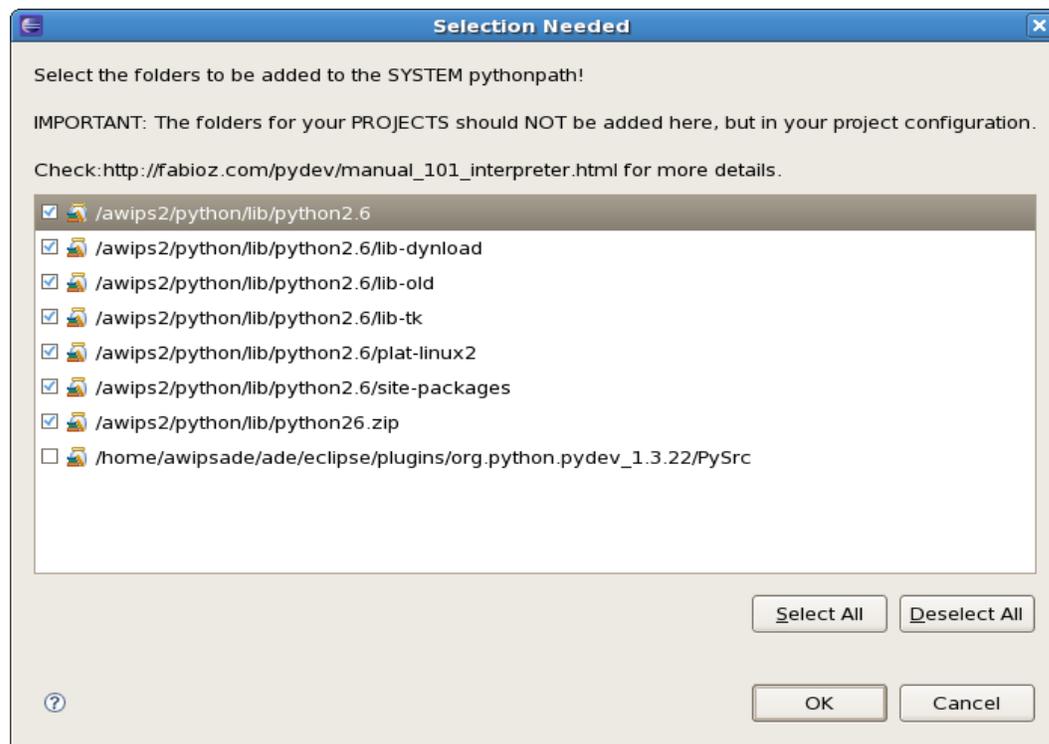
Preferences

type filter text

▷ General
▷ Ant
▷ C/C++
▷ Communications
▷ Help
▷ Install/Update
▽ Java
　▷ Appearance
　▷ Build Path
　▷ Code Style
　▽ Compiler
　　　Building
　　　Errors/Warnings
　　　Javadoc
　　　Task Tags
　▷ Debug
　▷ Editor
　▽ Installed JREs
　　　Execution Environments
　　　JUnit
　　　Properties Files Editor
▷ Plug-in Development
▷ Pydev
▷ Run/Debug
▷ Tasks
▷ Team
▷ Usage Data Collector
　Validation
▷ XML

Execution Environments

This page displays the JREs compatible for each execution environment. When multiple JREs are compatible with an environment, a default JRE can be specified by checking it.

Execution Environments:

CDC-1.0/Foundation-1.0
CDC-1.1/Foundation-1.1
J2SE-1.2
J2SE-1.3
J2SE-1.4
J2SE-1.5
JavaSE-1.6
JRE-1.1
OSGi/Minimum-1.0
OSGi/Minimum-1.1

Compatible JREs:

☑ java [perfect match]

Environment description:

Java Platform, Standard Edition 6.0

OK　　Cancel

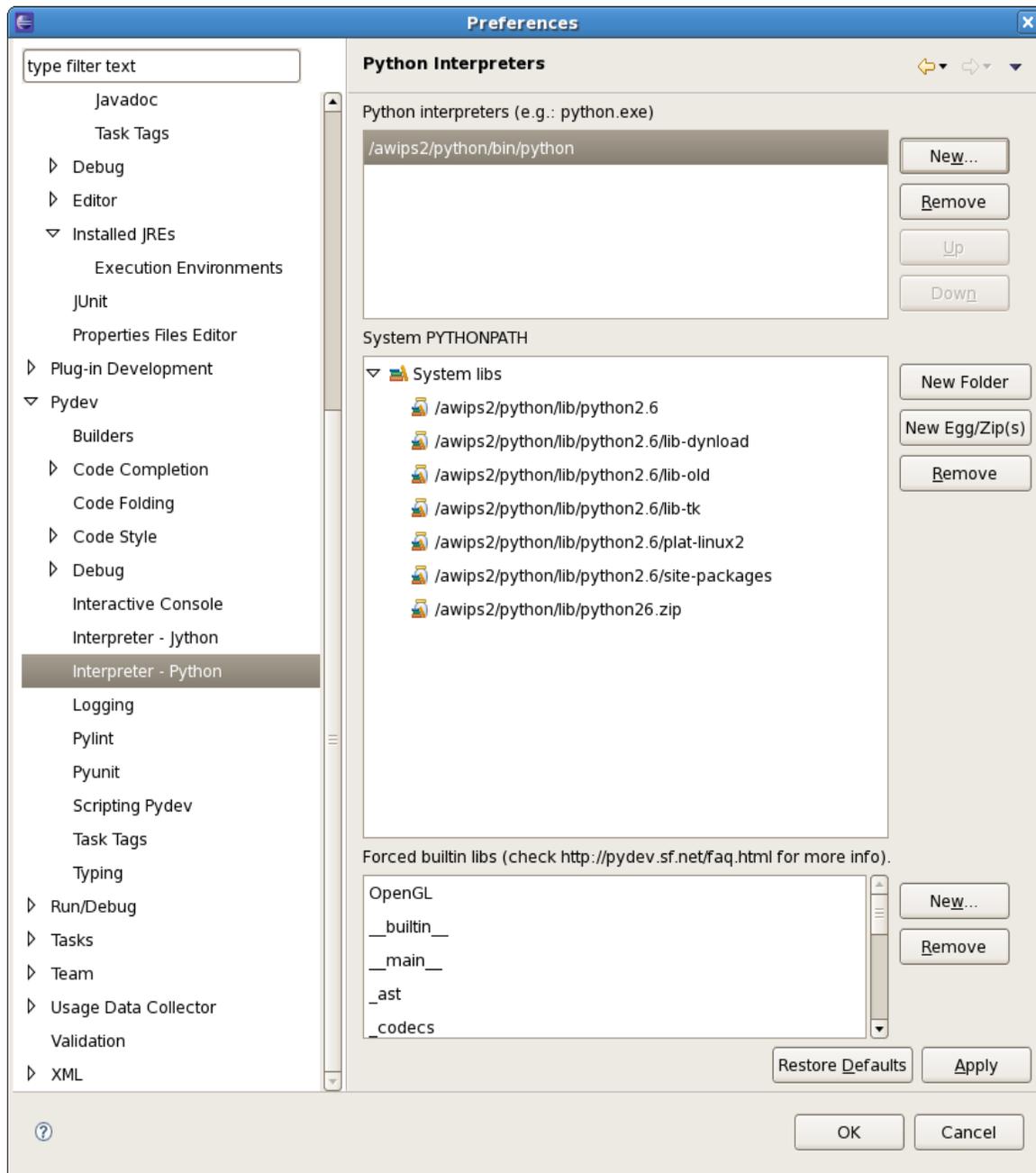Expand the **Pydev** and select "**interpreter** – **Python**"

Select the **NEW** button of the python interpreters dialog and use the following file dialog to navigate to the location of the python interpreter and select **O**k
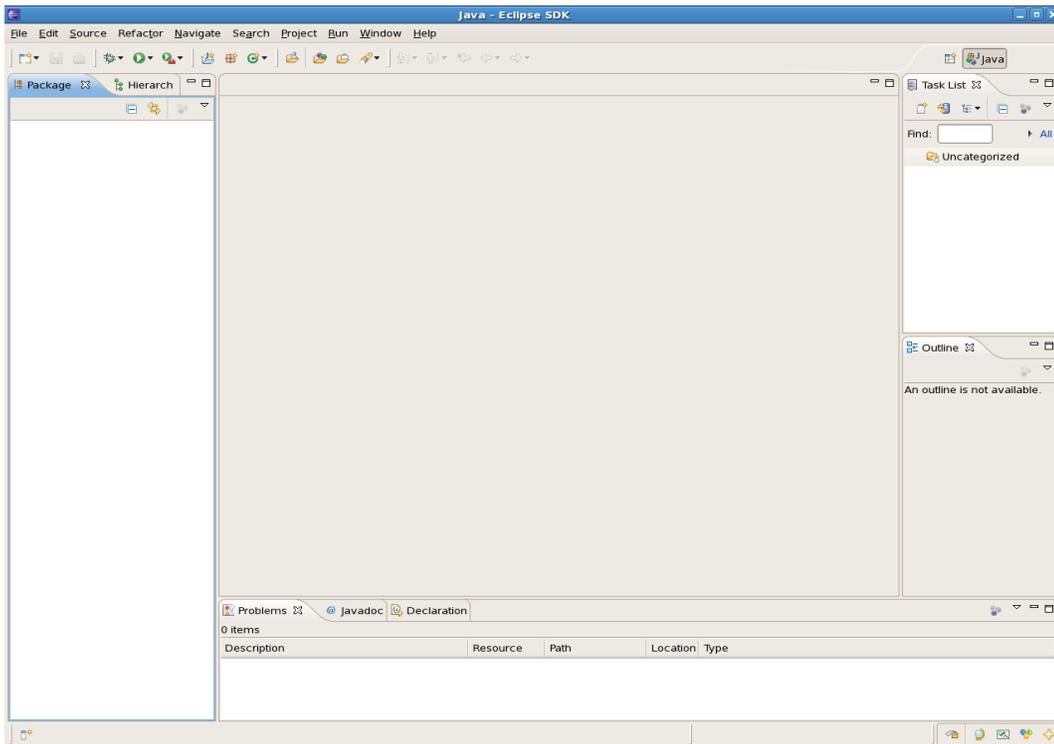

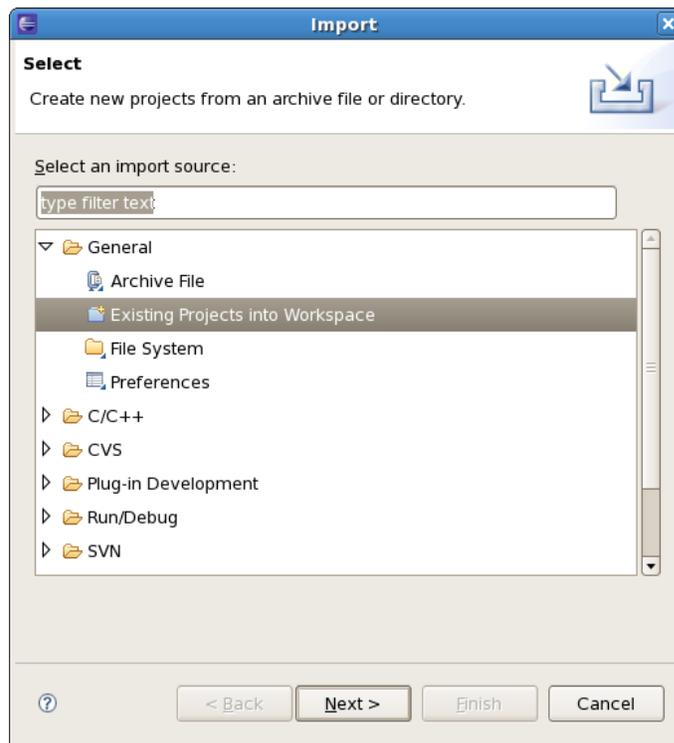Select **O**k in the **Selection Needed** Dialog window that pops up below.

The **interpreter – Python** dialog gets populated with the correct parameters. Select **Apply,** wait and then select **Ok**
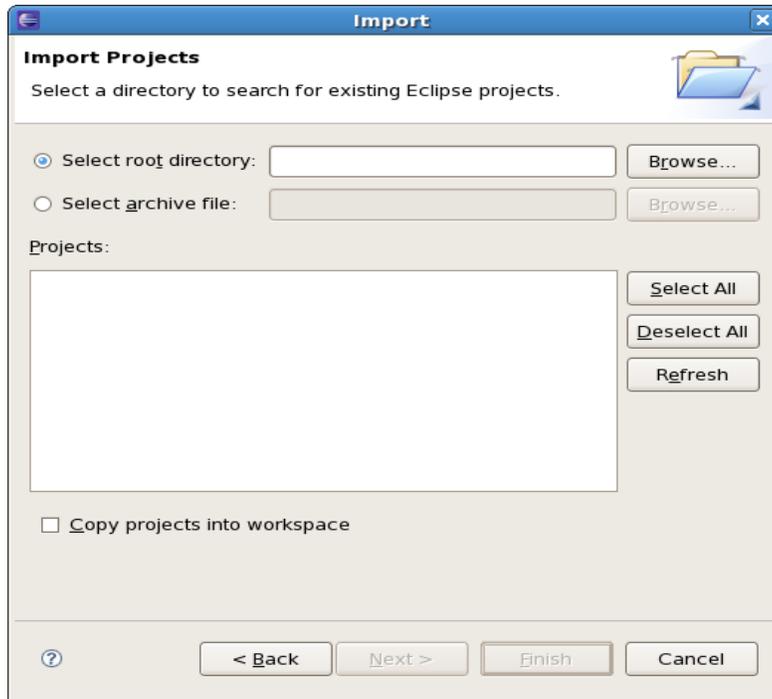
You are now ready to import the Edex/Cave software and compile it. First Select the **Project** pull down menu and unselect the **Build Automatically** menu choice.
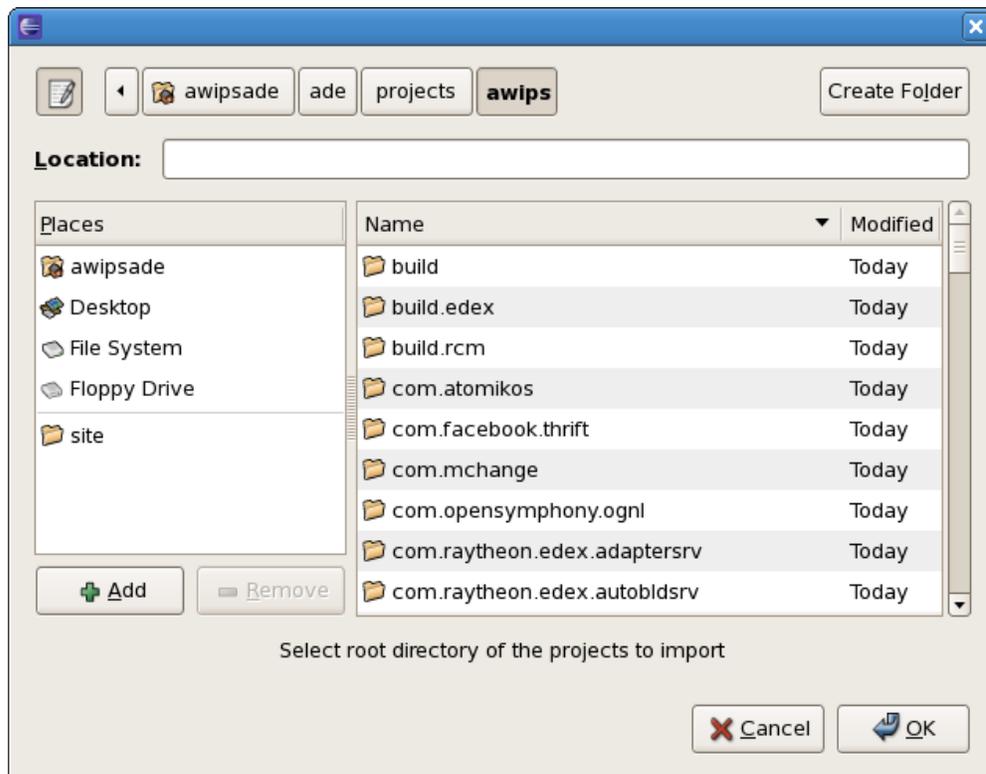

Select the File pull down menu and select import. The following **Import** dialog appears. Expand **General** and select **Existing Projects into Workspace** and then select the **Next** button.
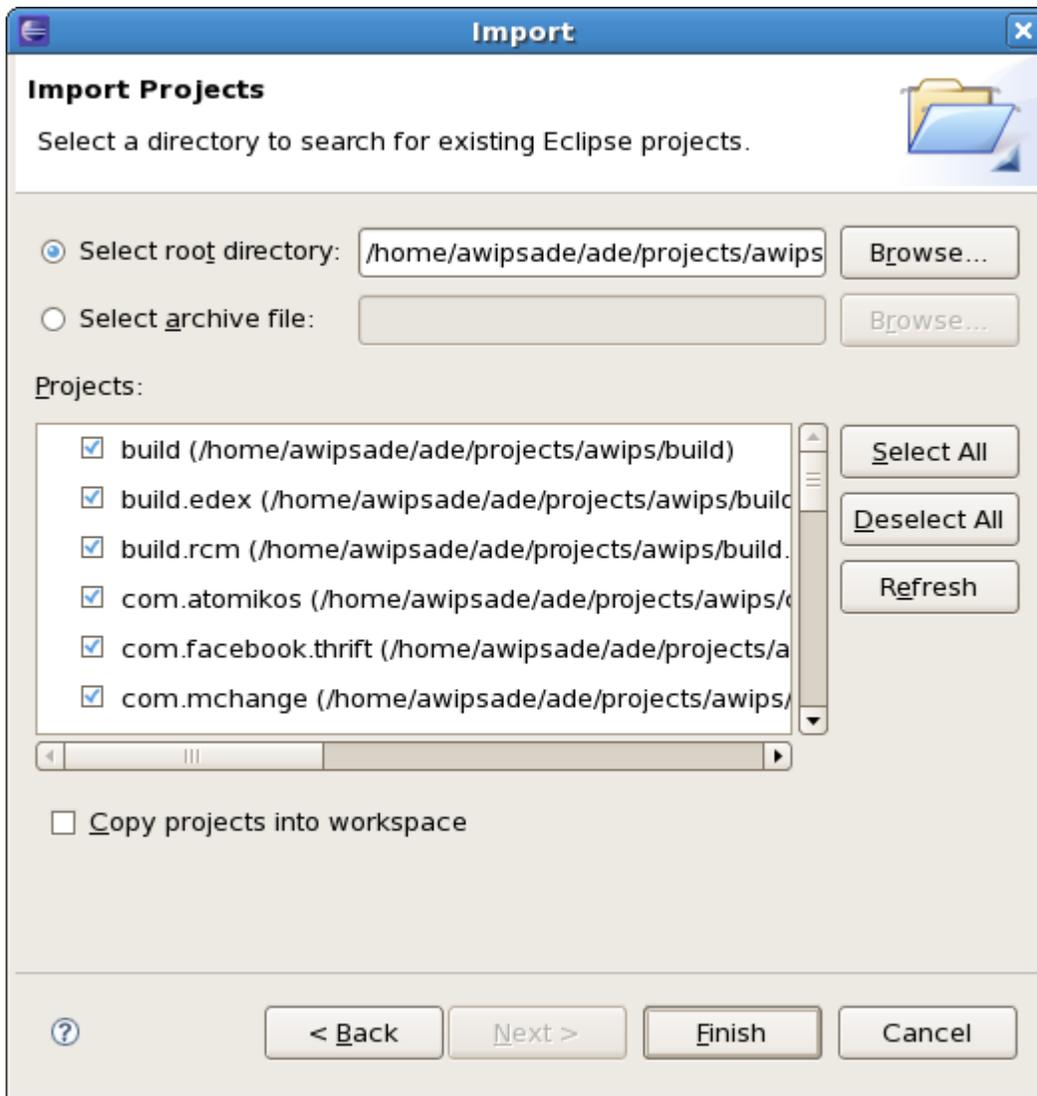
An **import** dialog appears. Select the **Select root directory** toggle and click the **browse** button.

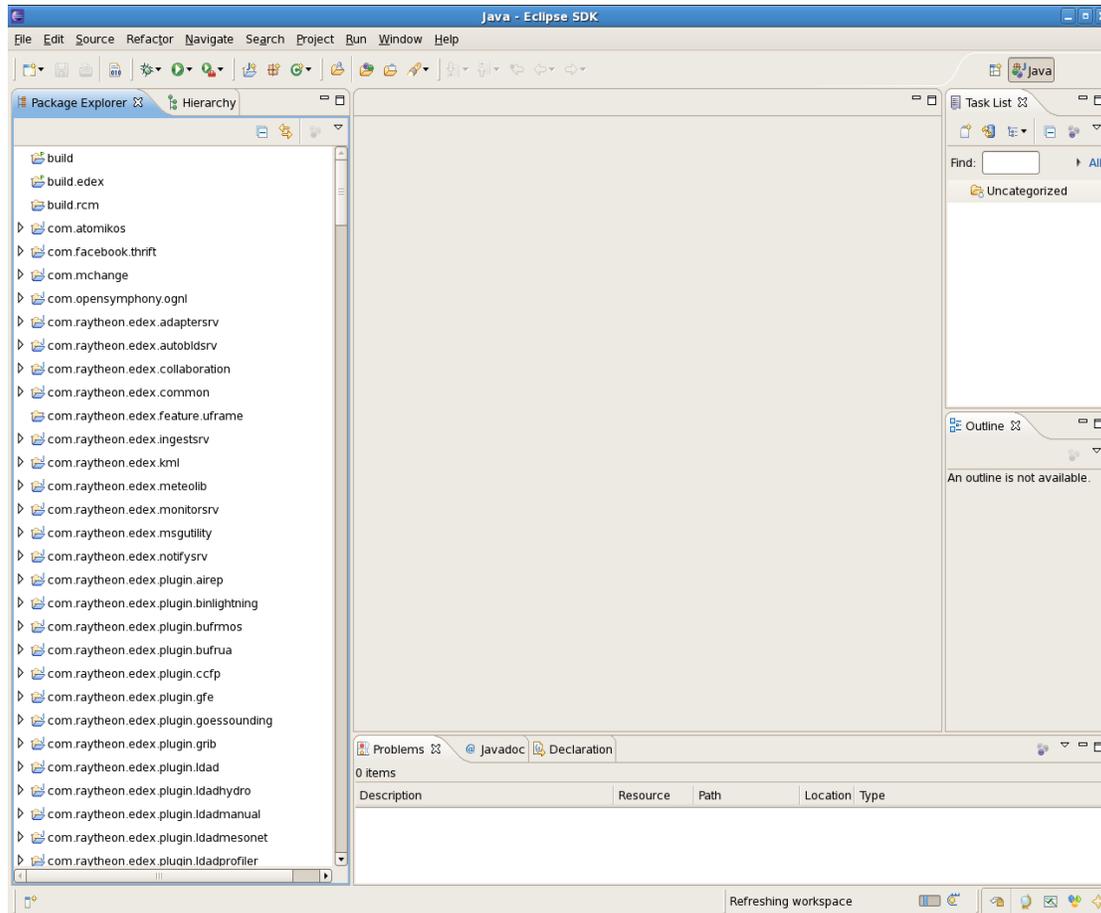Navigate to **/home/awipsade/ade/projects/awips** and select **Ok**

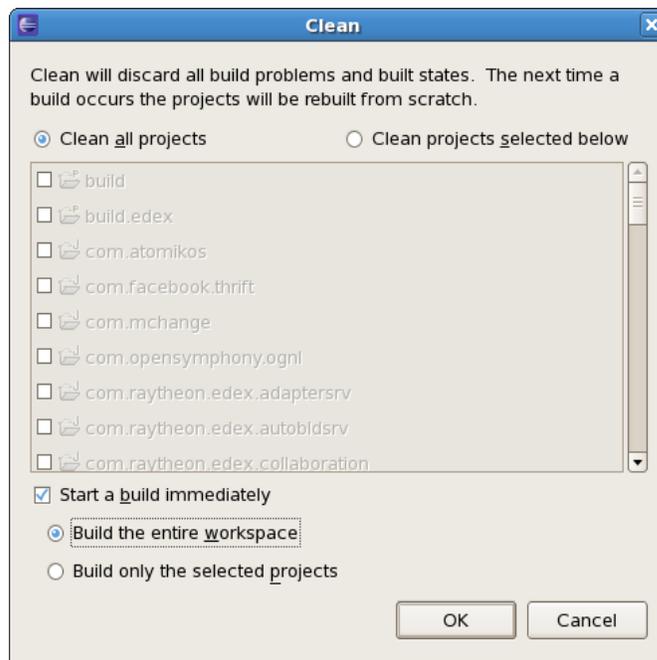The **import** dialog below appears – Select **Finish**

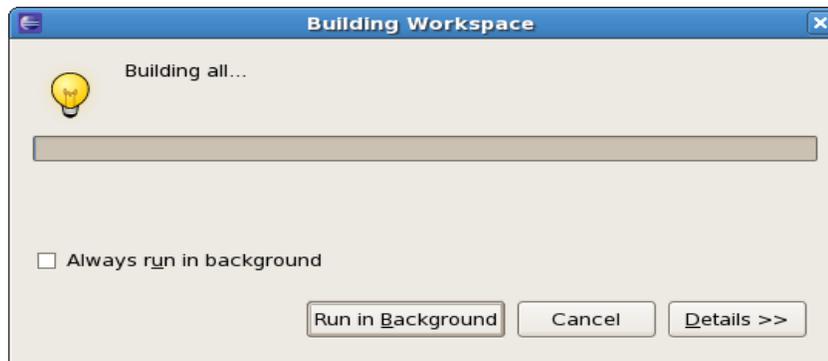Eclipse will now import the code for Edex and cave and other software.

Your IDE should look like this:

From the **Project** pull down menu select **Clean**. The following **Clean** dialog appears. Select **Clean all projects** and **Build the entire workspace** toggles and Click the **OK** button.

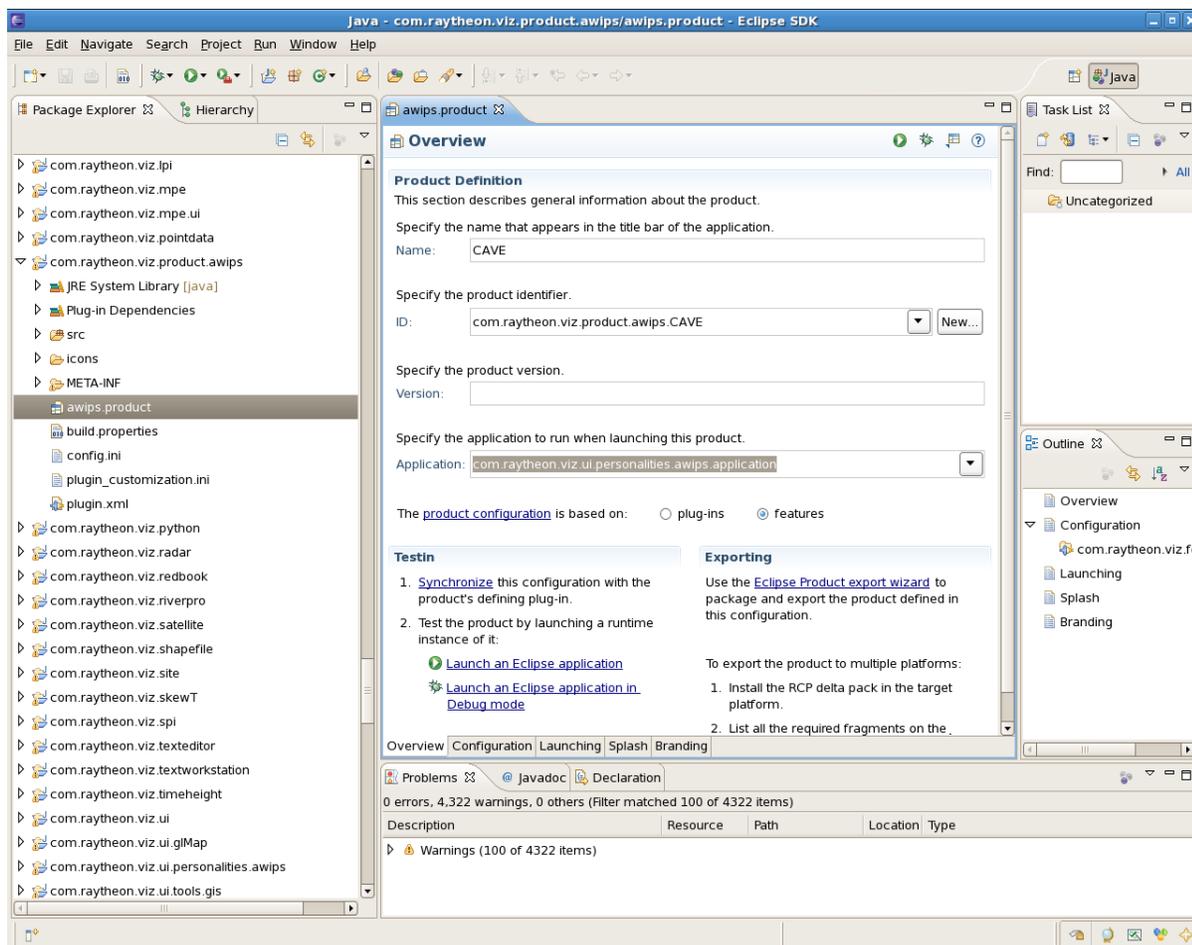The **Building Workspace** progress bar below appears. Just wait until its done.

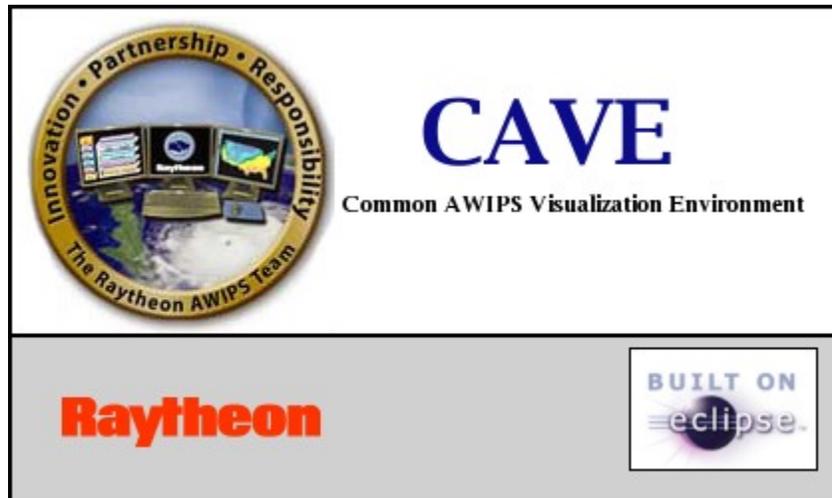Open a Terminal window and cd to $home/ade/eclipse and issue the following commands.

/bin/ln -s ~/ade/projects/awips/build/static/common/cave/basemaps .
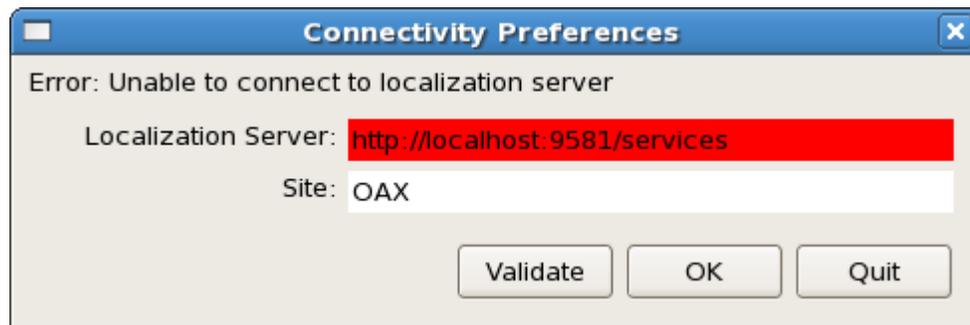/bin/ln -s ~/ade/projects/awips/build/static/common/cave/etc .

Navigate to the **com.raytheon.viz.product.awips** package, double click on the file **awips.product** file.
In the awips.product editor select the **Launch an Eclipse Application** hyper link
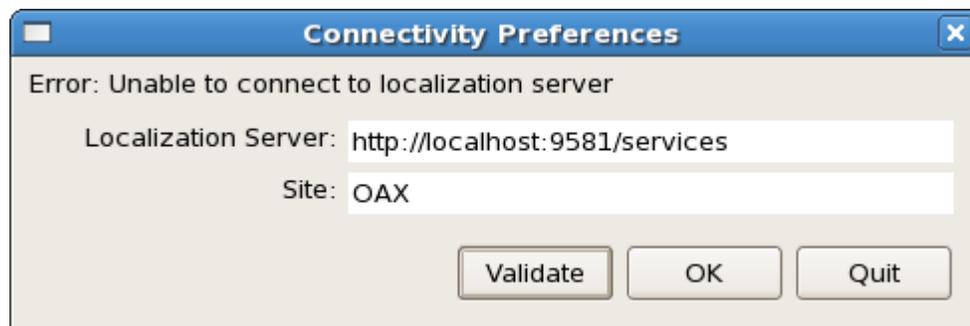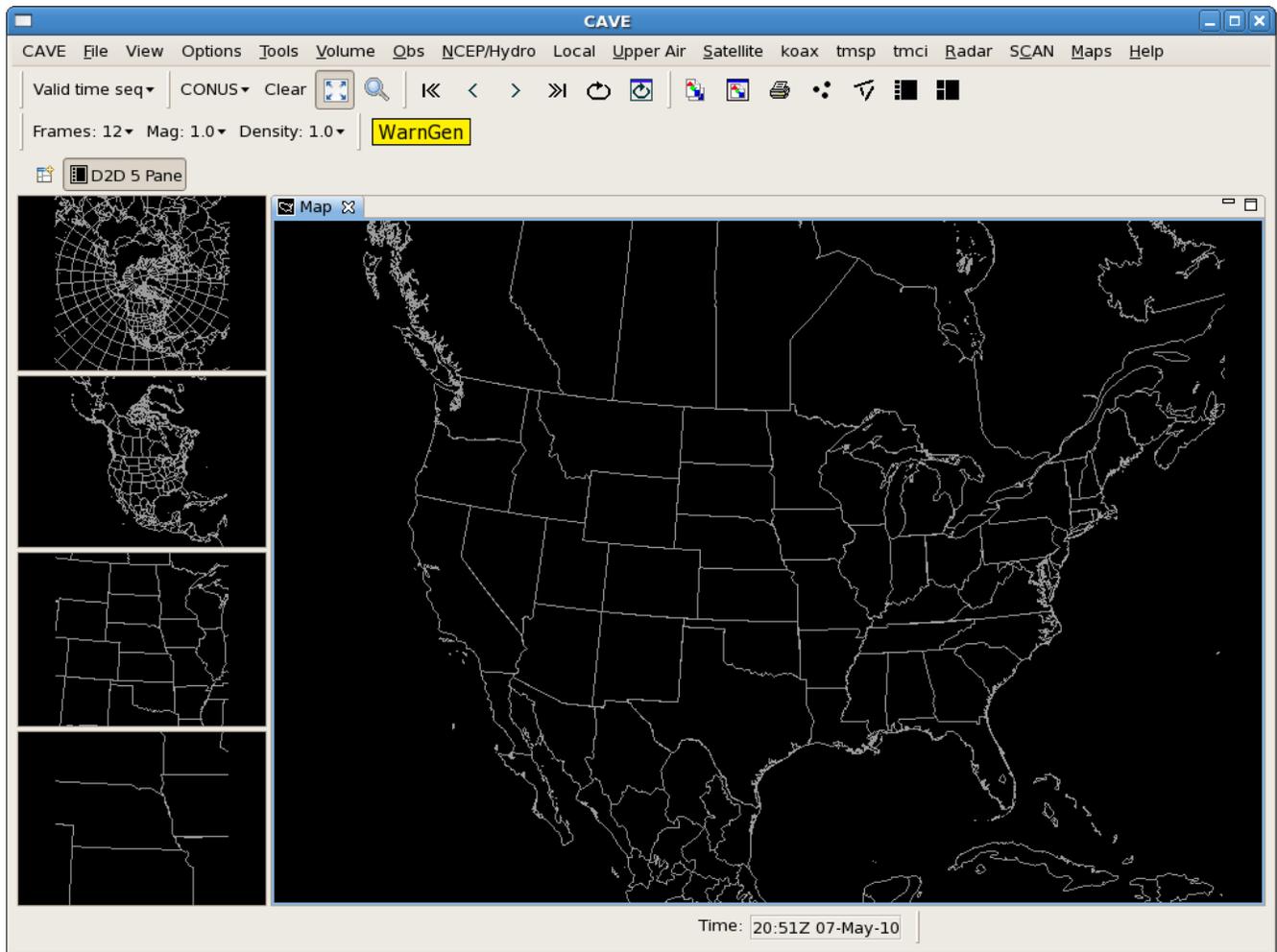
You should see the following after a few minutes.

Enter OAX for the **Site** and Click the **Validate** button

When Validated it should look like follows. Then Click **OK.**

If you did everything correctly you should see the following screen appear.

End part one.