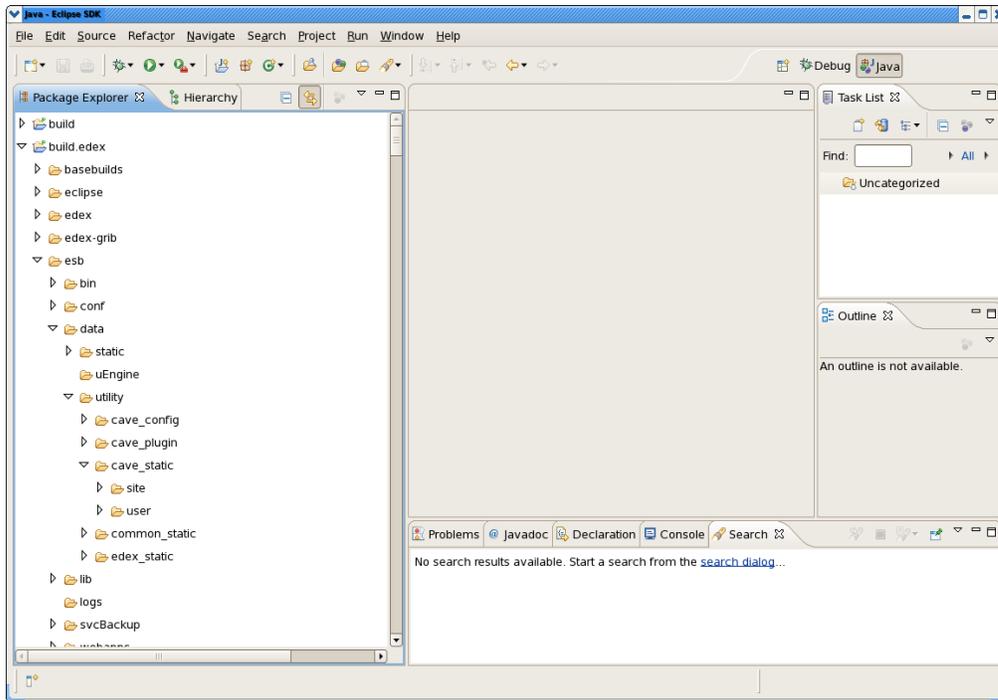


Demo part 3.

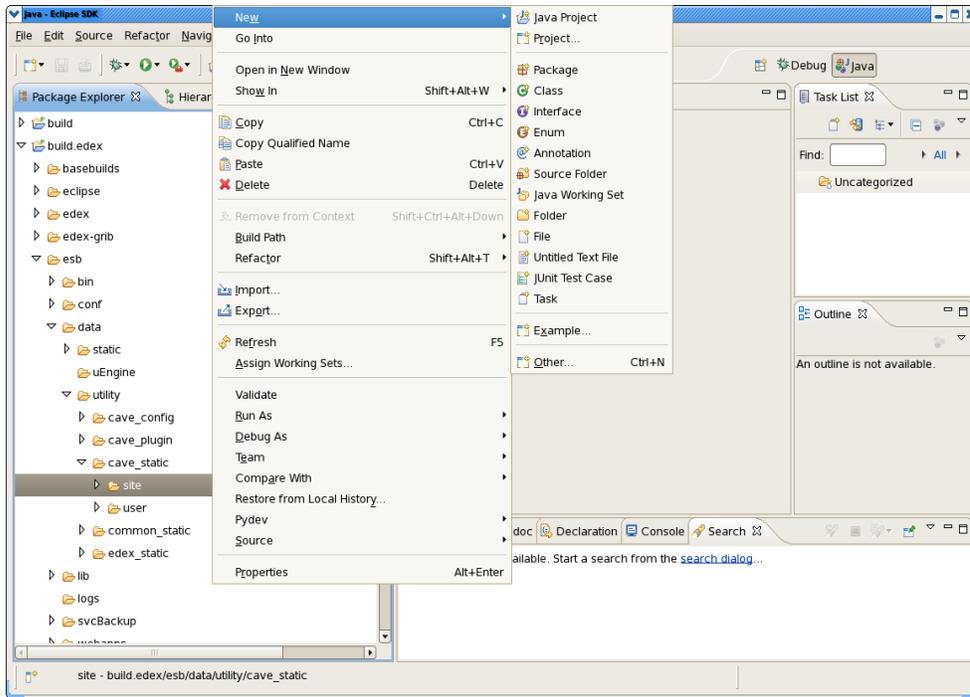
Log into awips account.

```
Cd ade/eclipse  
run ./eclipse.sh
```

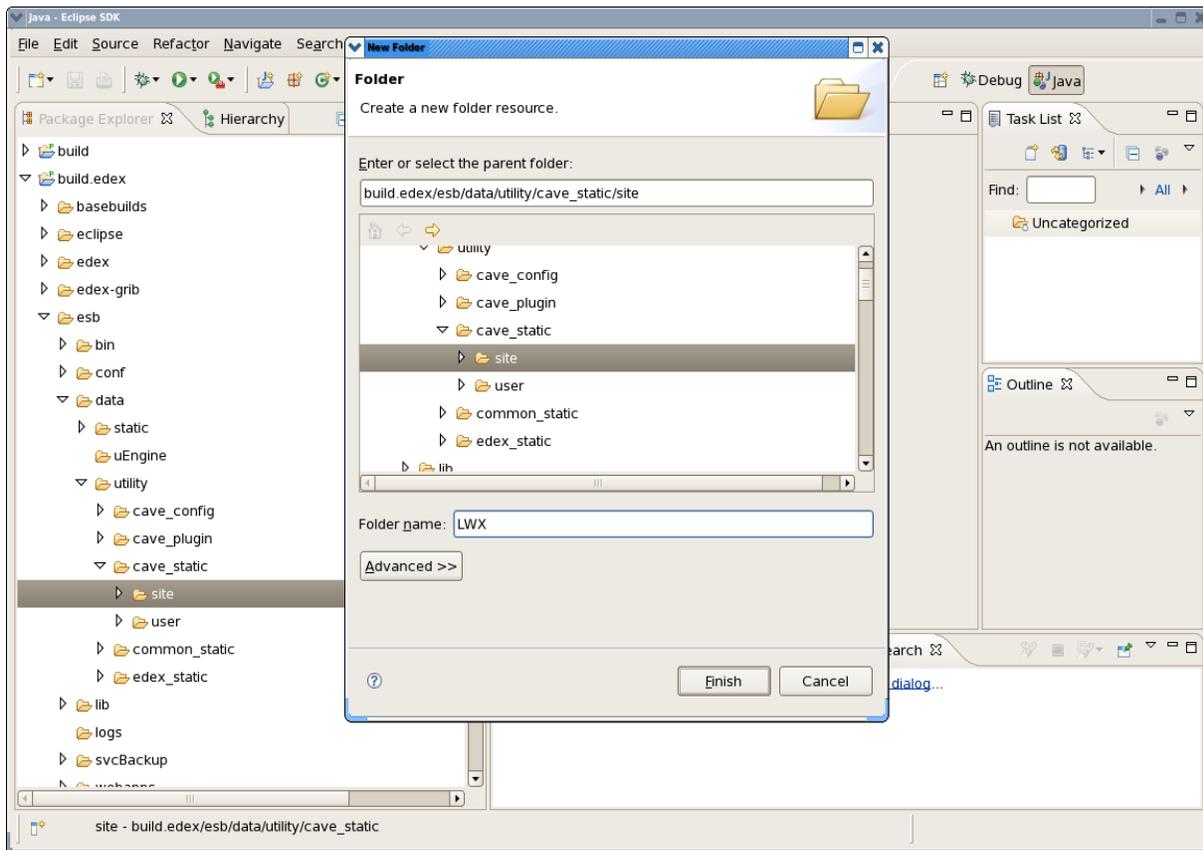
In the packages view of eclipse navigate to package **edex.build** -> **esb** -> **data** -> **utility** -> **cave_static** - **site**.



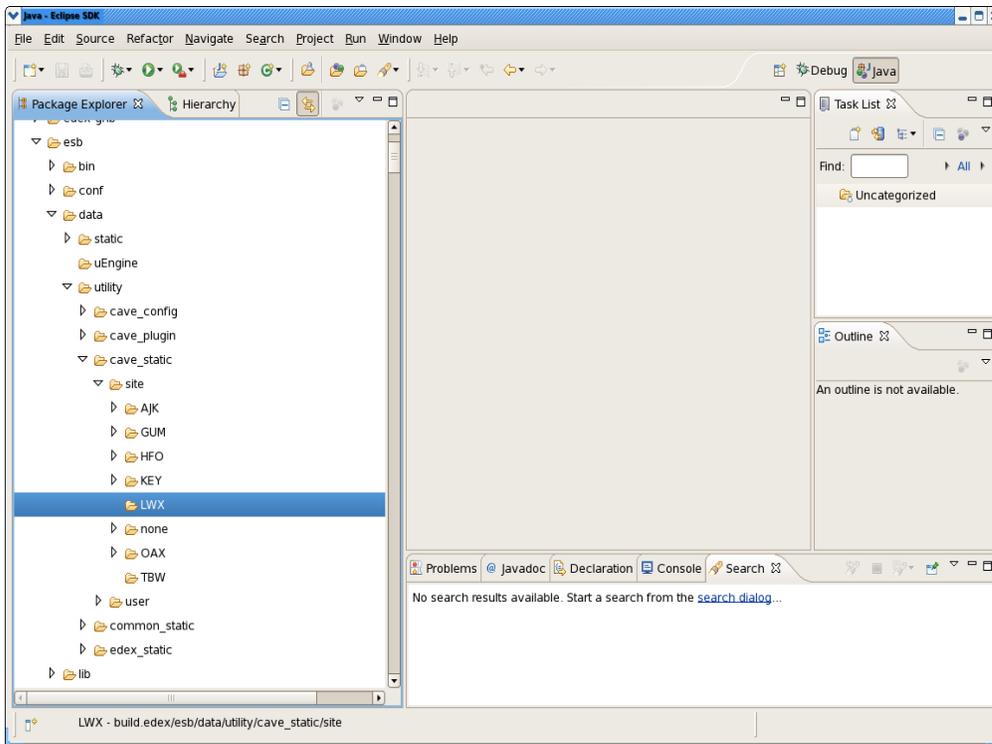
Right click on the **site** folder, select **new** -> **folder**.



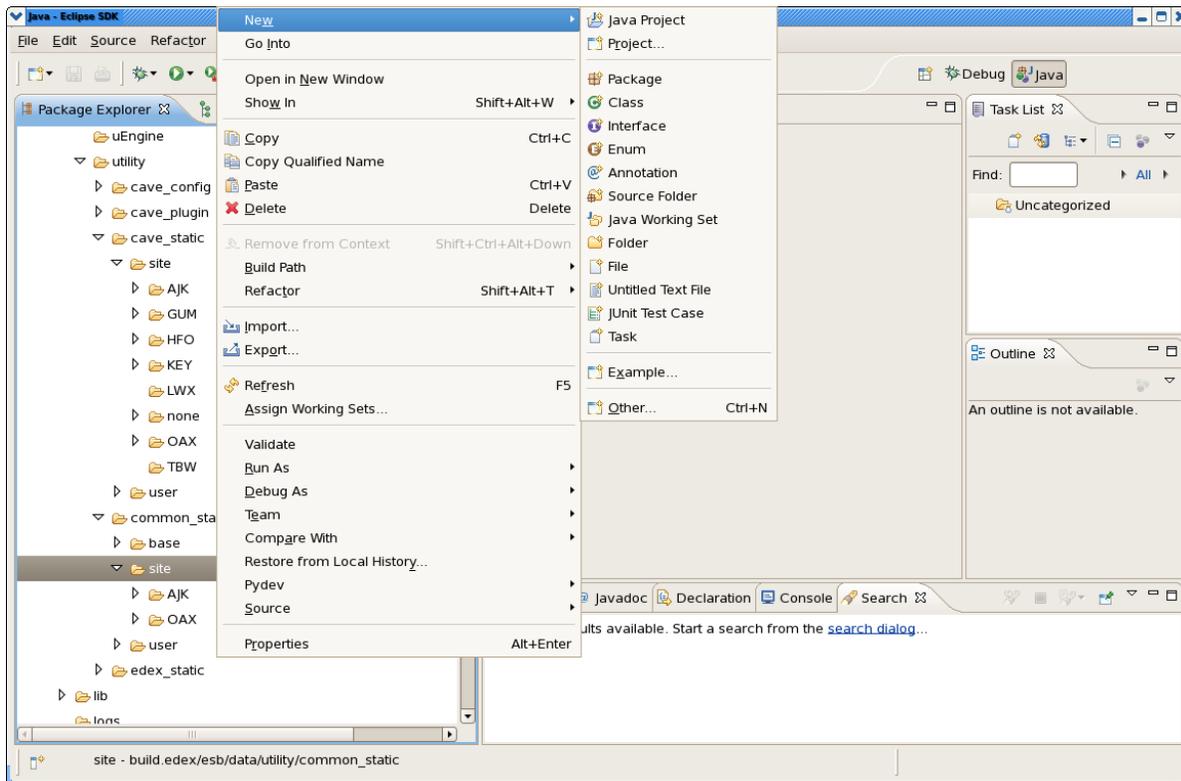
Enter the name of a WFO site – for example LWX for Sterling Virginia and select finish.



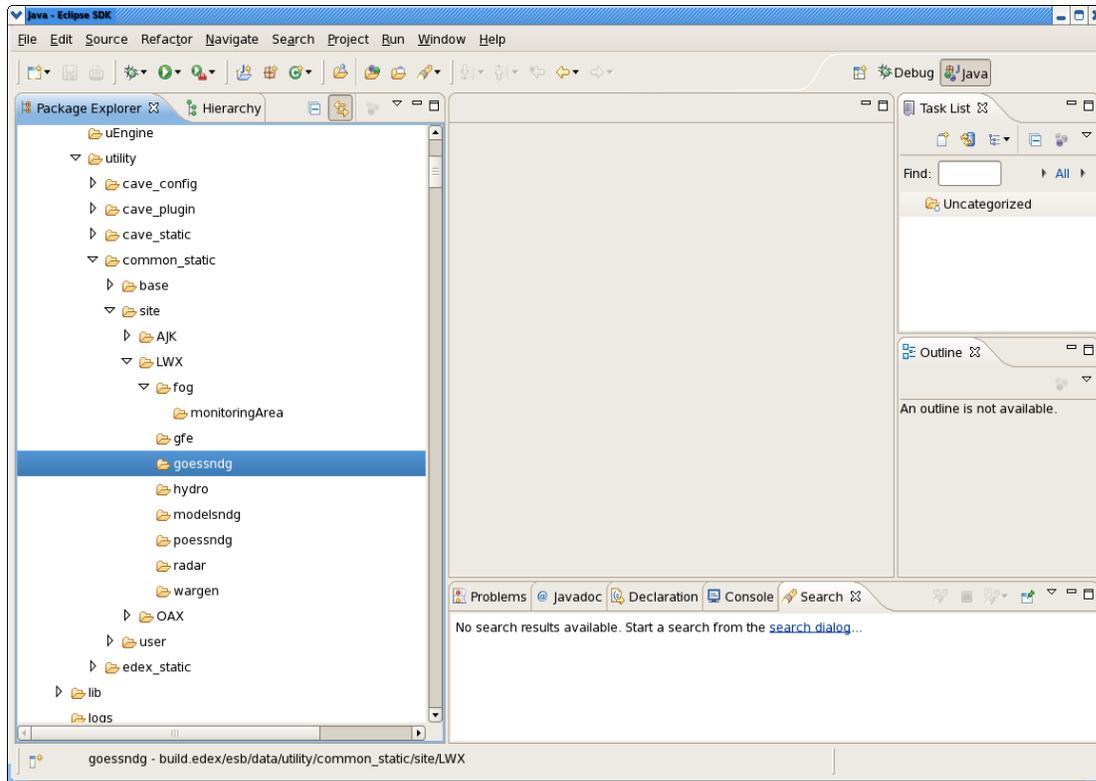
The folder will be created and the package view will open the **site** folder with the new folder **LWX** highlighted.



Open folder **common_static** -> **site** and create another folder named **LWX**.



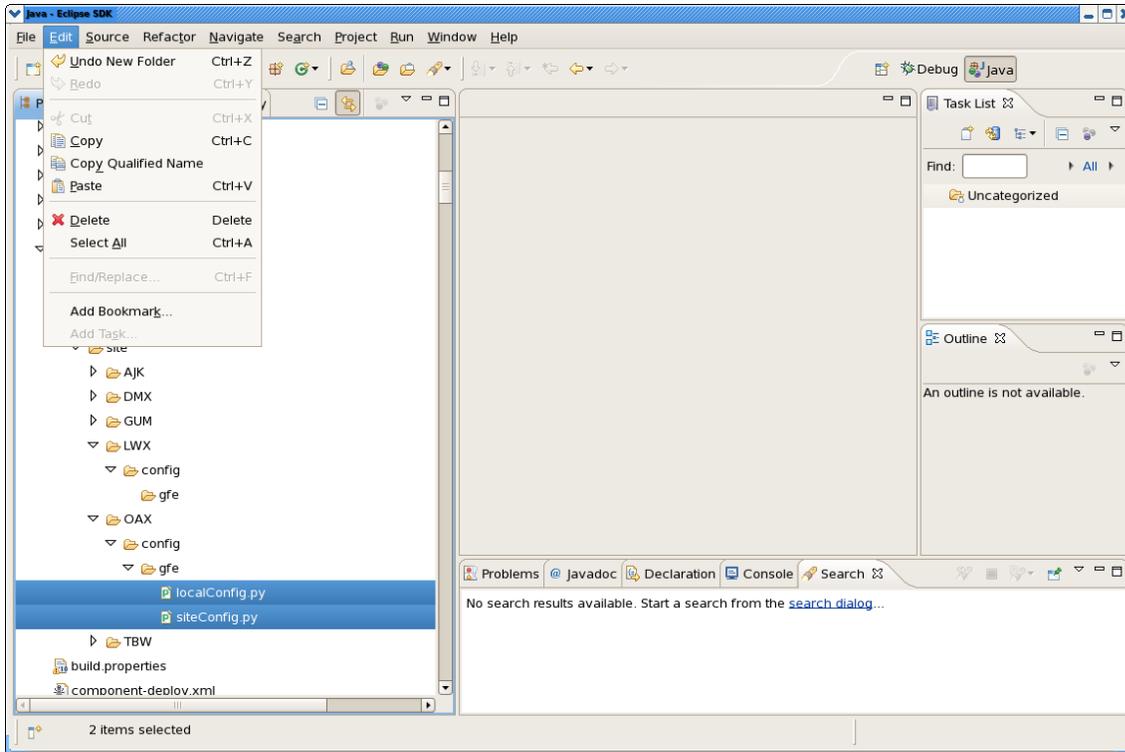
Within the **common_static/site/LWX** folder create the following folders.
 Fog, fog/monitoringArea, gfe, goessndg, hydro, modelsndg , radar and warngen



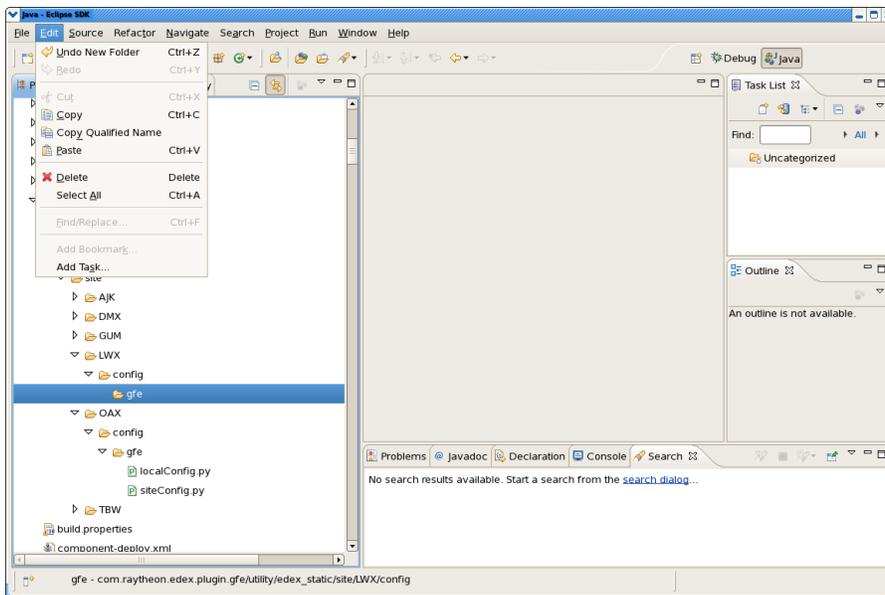
Navigate to package **com.raytheon.edex.plugin.gfe** and open the **utility/edex_static/site** folder.

Create a folder for the new site (in this case **LWX**) within the **LWX** folder create the following folders **config/gfe**

Open the **OAX/config/gfe** folder and select both **localConfig.py** and **siteConfig.py**. Using the **Edit pull** down menu or **Ctrl-C** copy the two selected files.



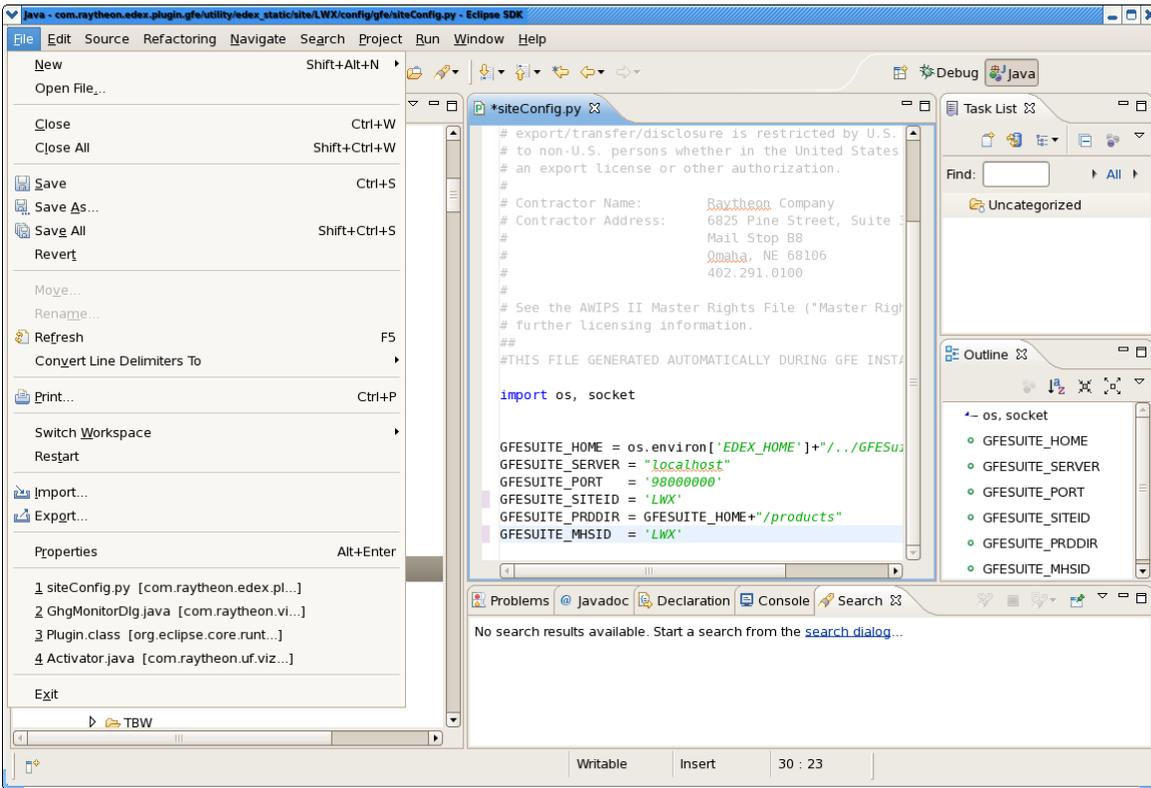
Highlight the **LWX/config/gfe** folder and using either the **edit** pull down menu or **CNTRL-v** to **past** the file in the **LWX/config/gfe** folder.



Double click on the **LWX/config/gfe/siteConfig.py** file to edit it. In the editor change OAX to LWX in the following two lines

```
GFESUITE_SITEID = 'OAX'  
GFESUITE_MHSID = 'OAX'
```

Use the **File** pull down menu or **CNTL-s** to save your changes.



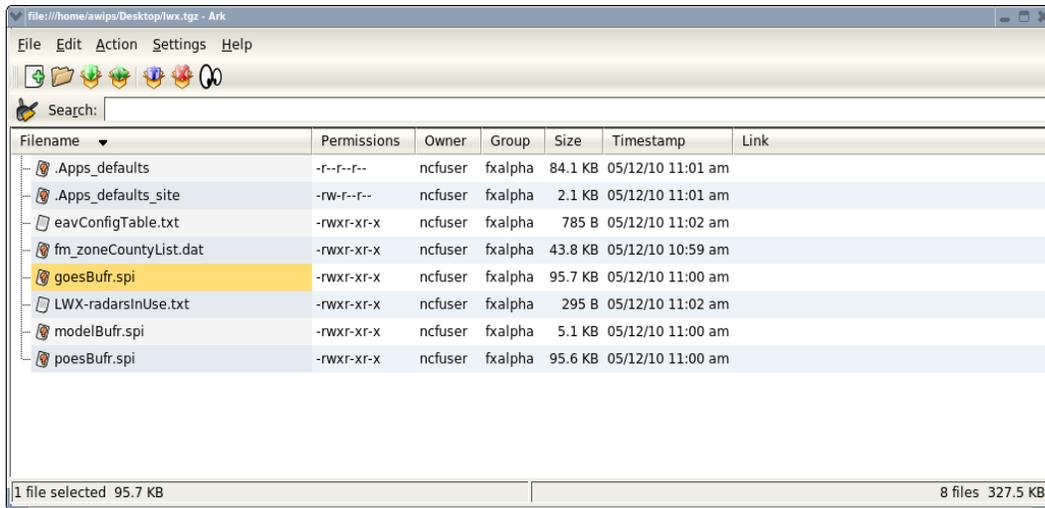
Using the **file** pull down menu or **ctrl-w** close the **siteConfig.py** edit session.

I collected the following files as instructed by the localization document:

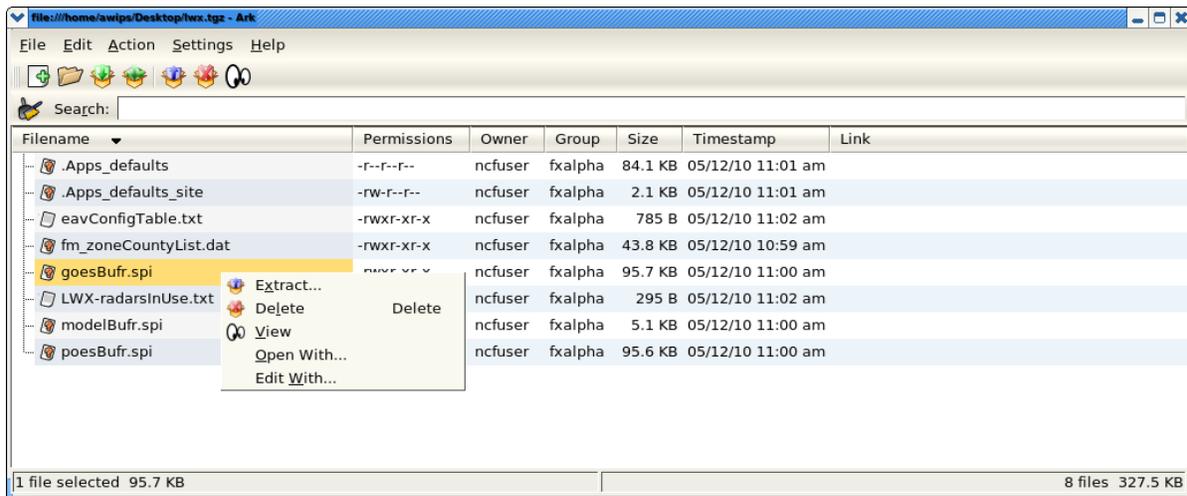
goesBufr.spi
App_defaults
modelBufr.spi
poesBufr.spi
radarsInUse.txt
eavConfigTable.txt

from the LWX site on NMTR and tar ed and gzipped them.

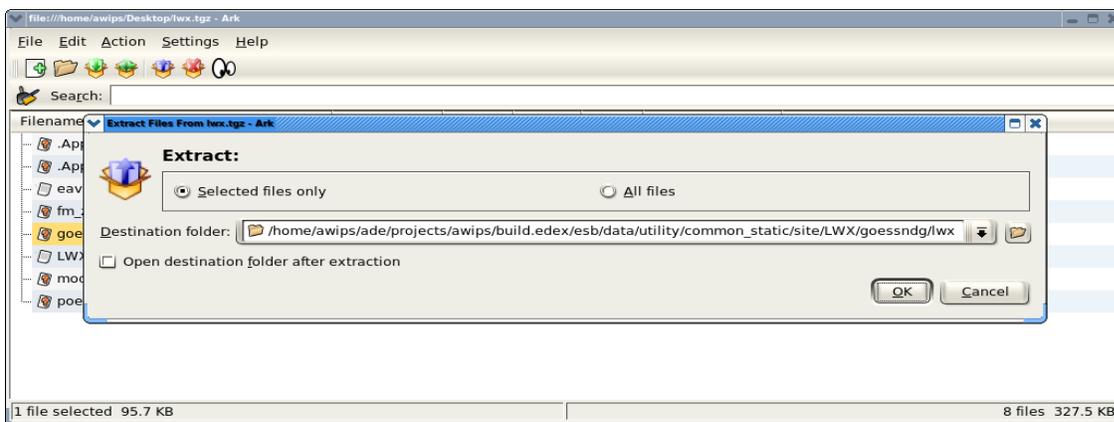
Using the gzip tool I will extract the files into the appropriate ade directory according to the localization document.



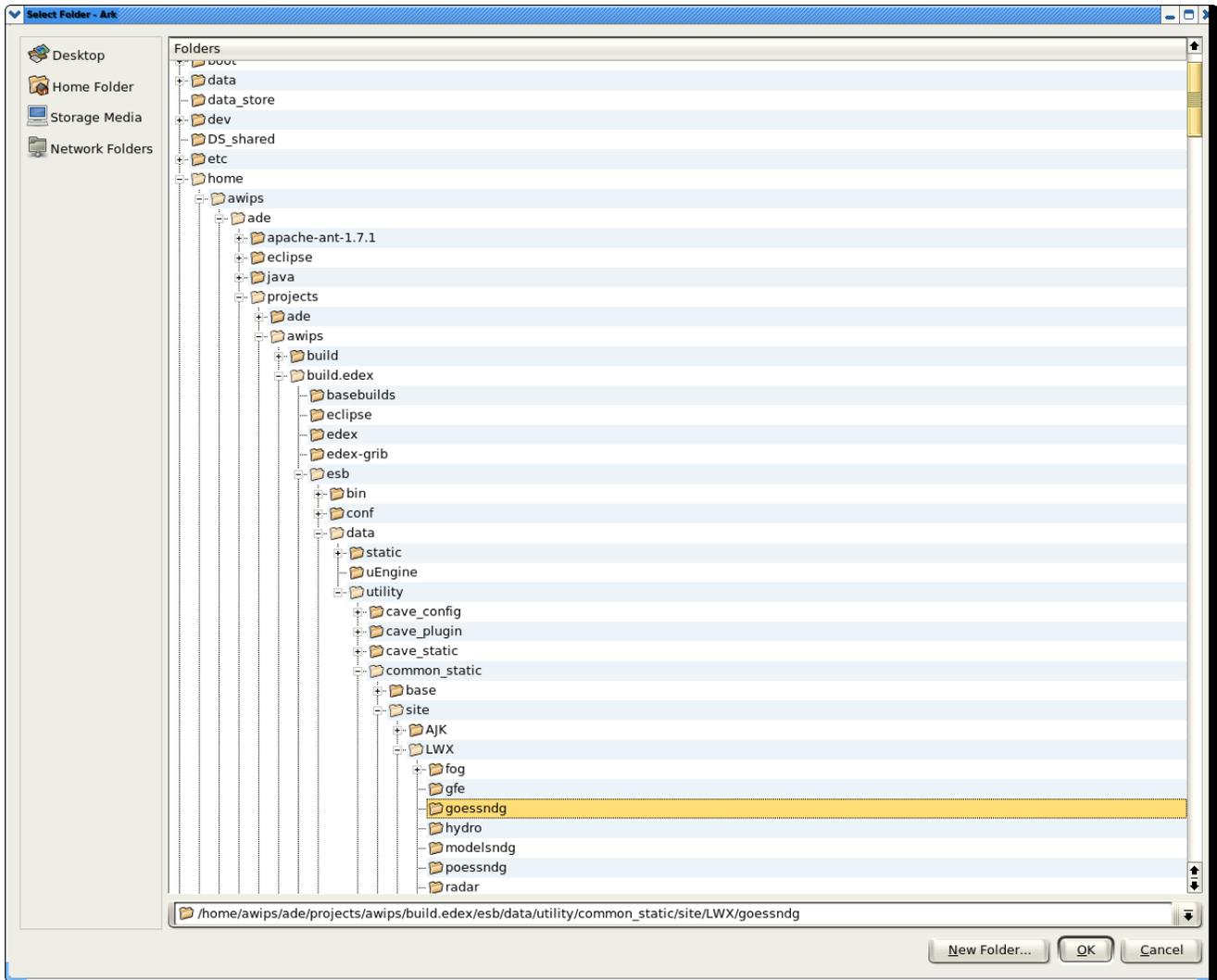
For example, highlight **goesBufFr.spi** and right click on it and select **extract**.



In the extract dialog navigate to the appropriate directory in the ade by selecting the **open file dialog**



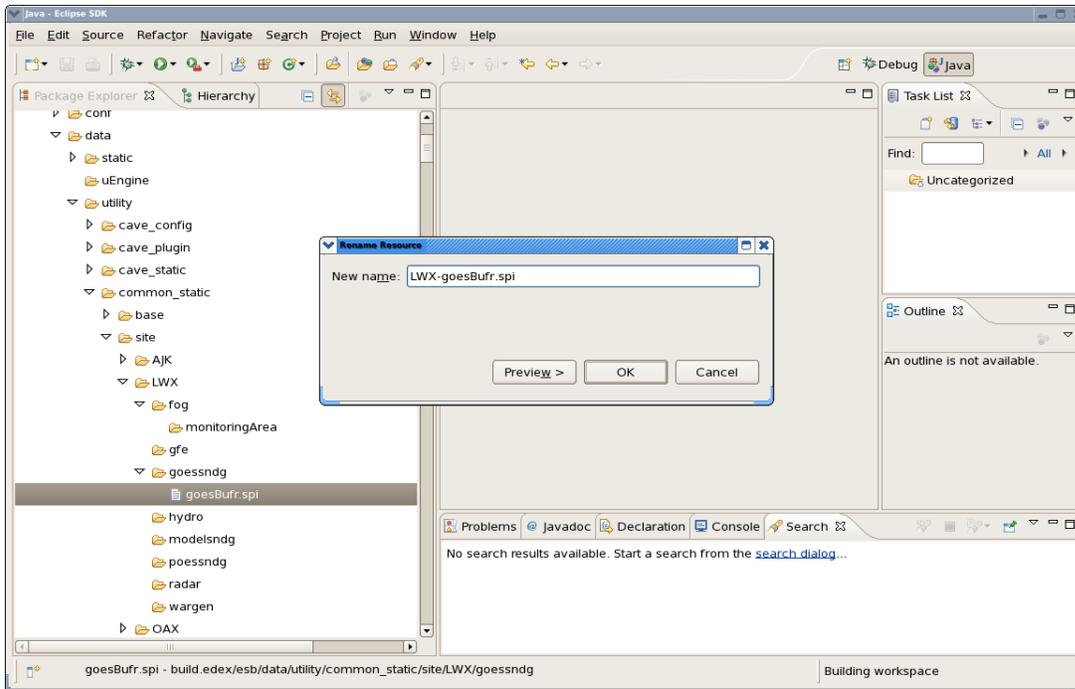
icon on the right. Navigate to **/home/awips/ade/projects/awips/build.edex/esb/data/utility/common_static/site/LWX/goessndg** and select **Ok**.



Highlight the **goessndg** directory in the package explorer and using the **file** pull down menu select **refresh** or enter **F5**

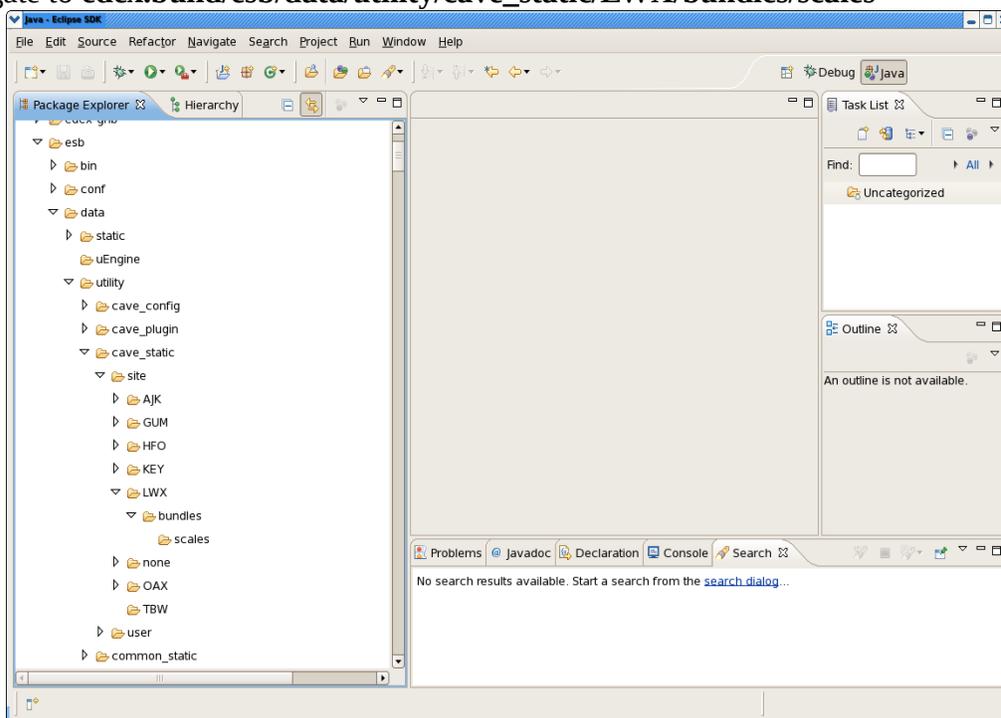
With the **goesBufFr.spi** file **highlighted** enter **F2** to rename the file to **LWX-goesBufFr.spi**.

Select **OK**

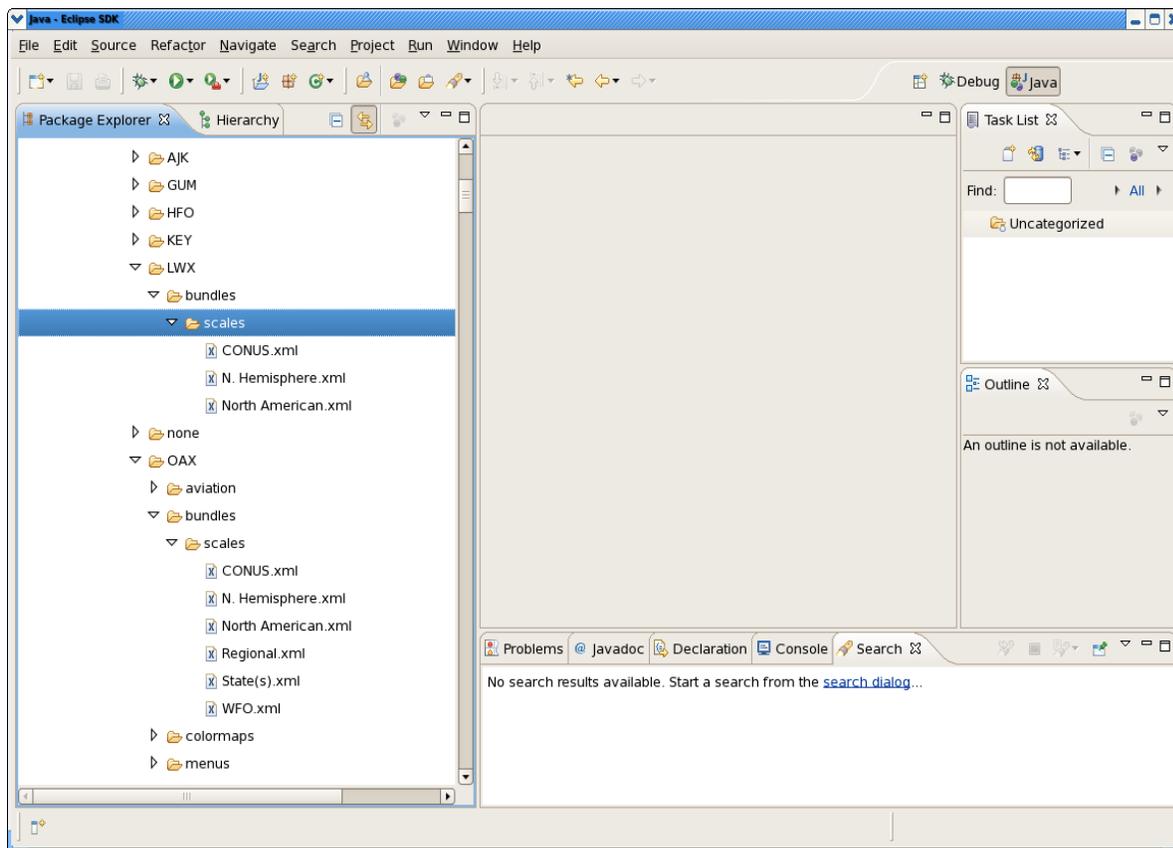


Repeat the process for files
Apps_defaults
modelBufr.spi
poesBufr.spi

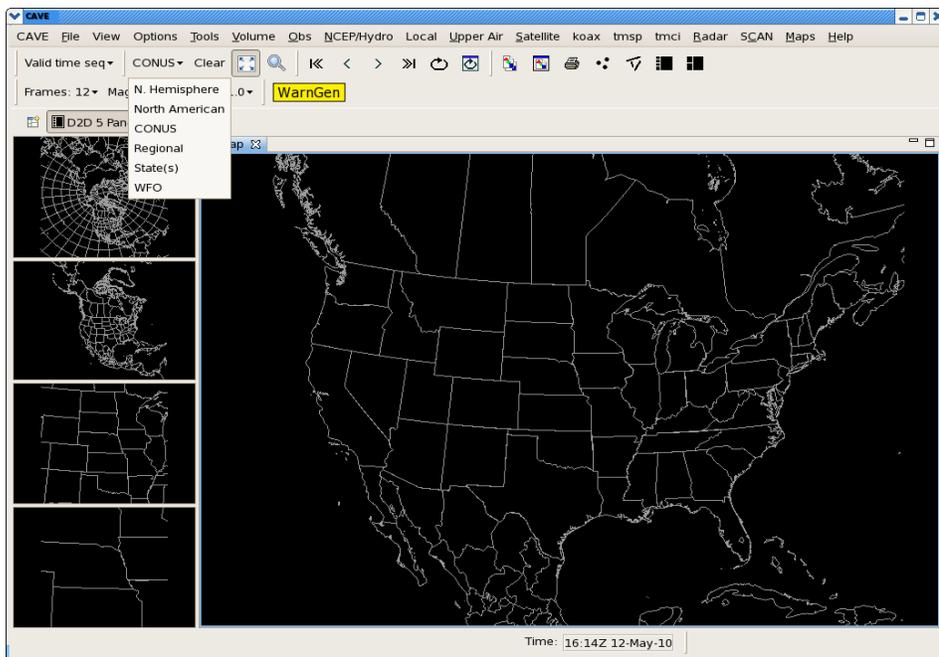
We now need to create the bundles and default procedures for CAVE (ie the map projections)
Navigate to **edex.build/esb/data/utility/cave_static/LWX/bundles/scales**



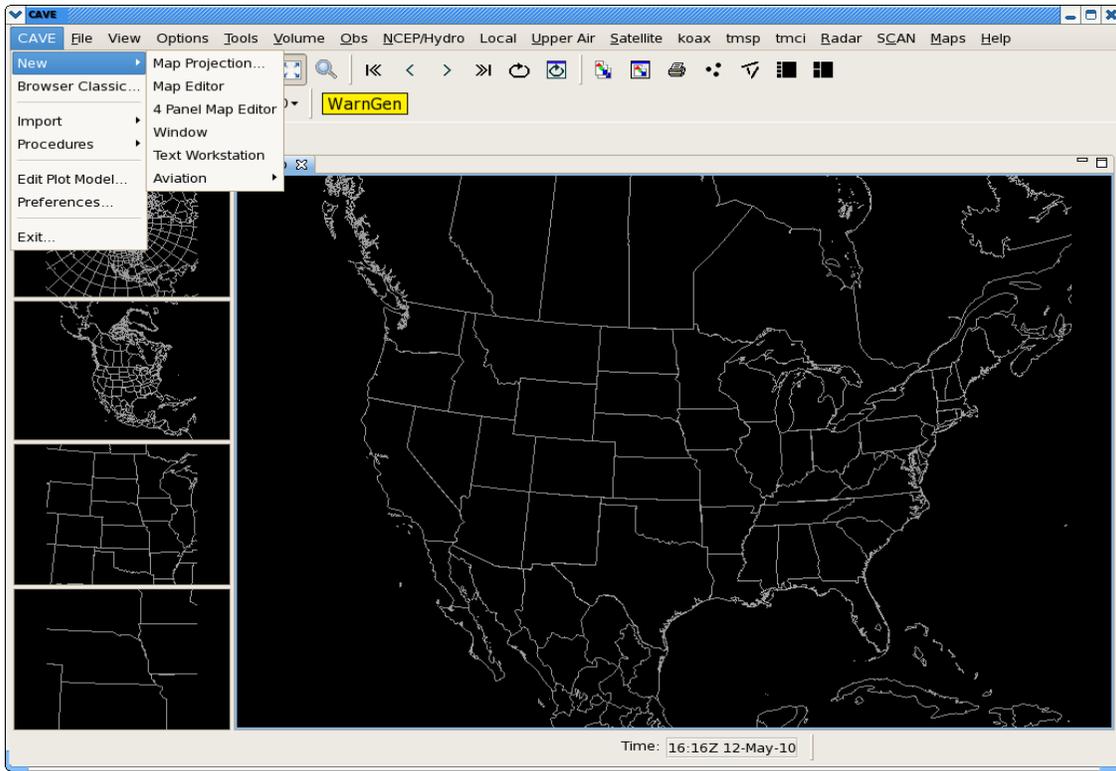
Open the **OAX bundles/scales** folder and copy and paste the **CONUS.xml**, **N. Hemisphere.xml** and **North American.xml** files to **LWX/bundles/scales**.



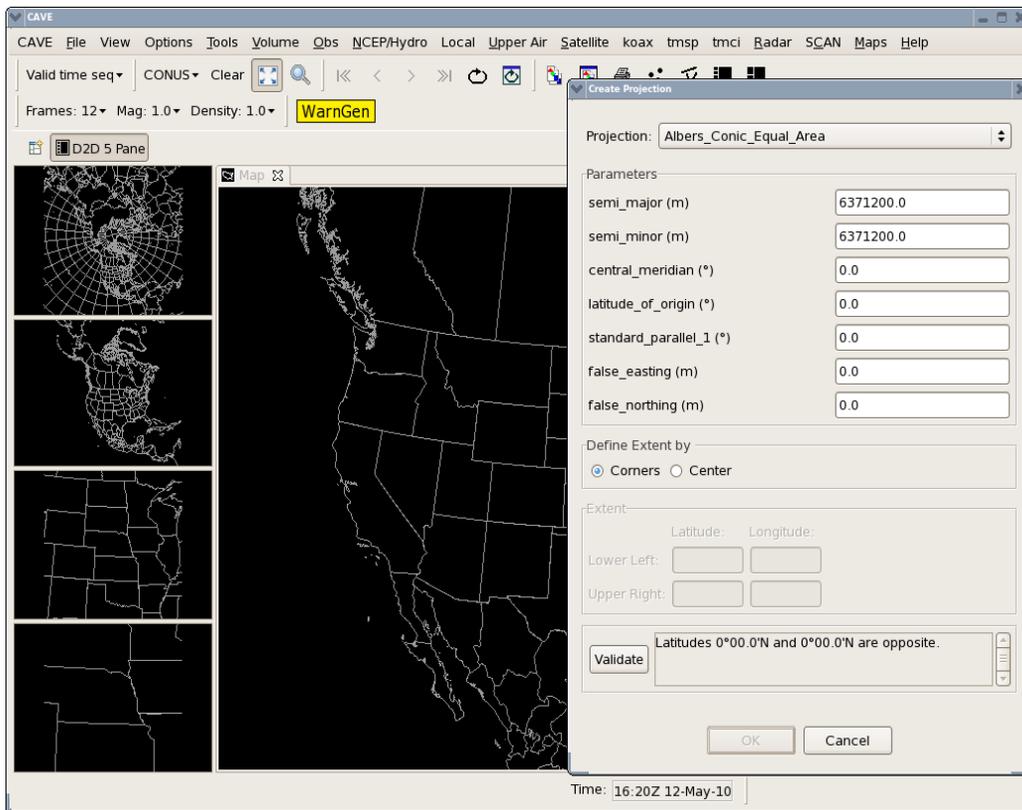
Start CAVE.



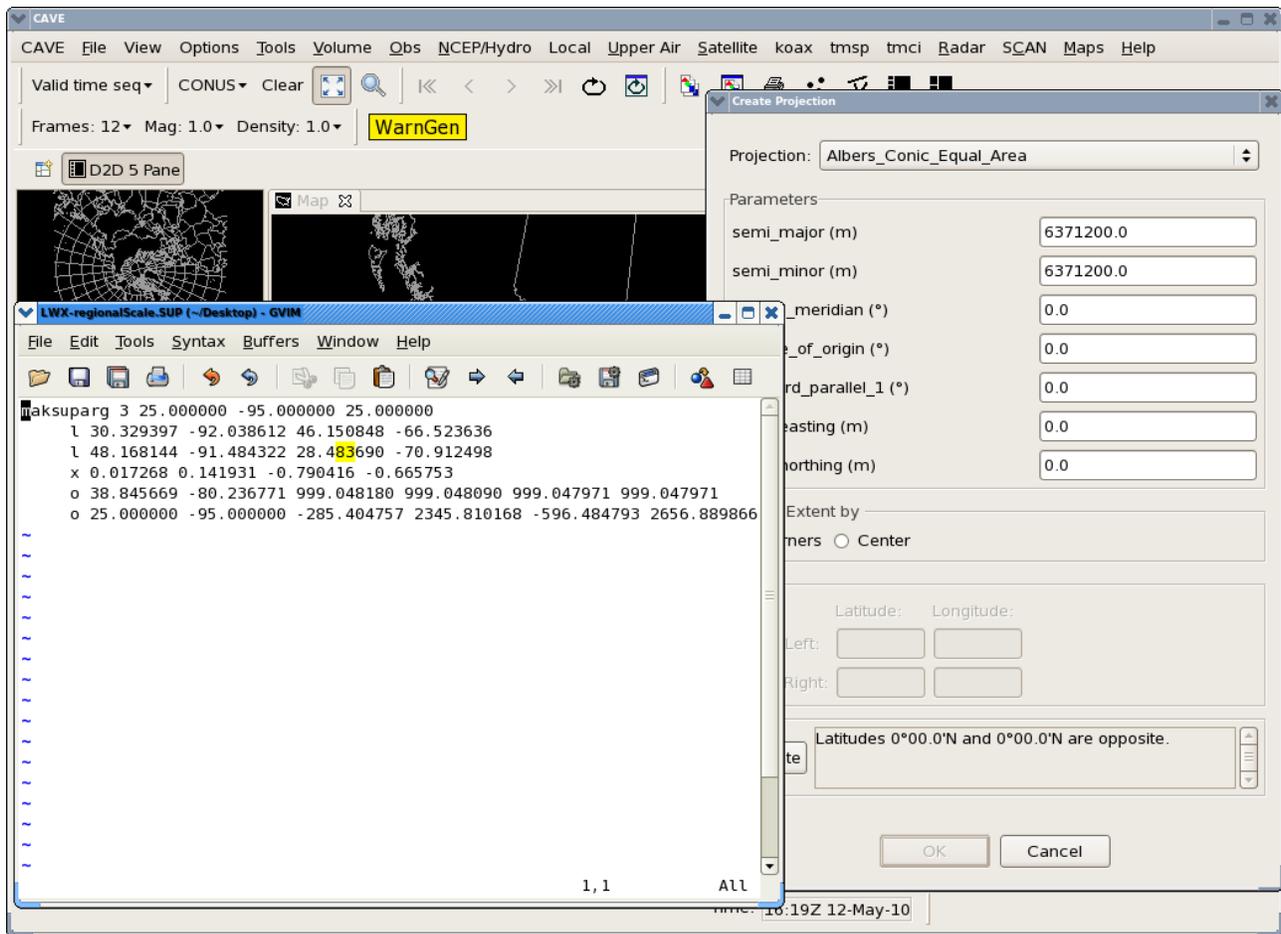
We are going to create the Regional, State(s) and WFO map projections for sterling or site LWX



From the CAVE menu select new -> Map Projection

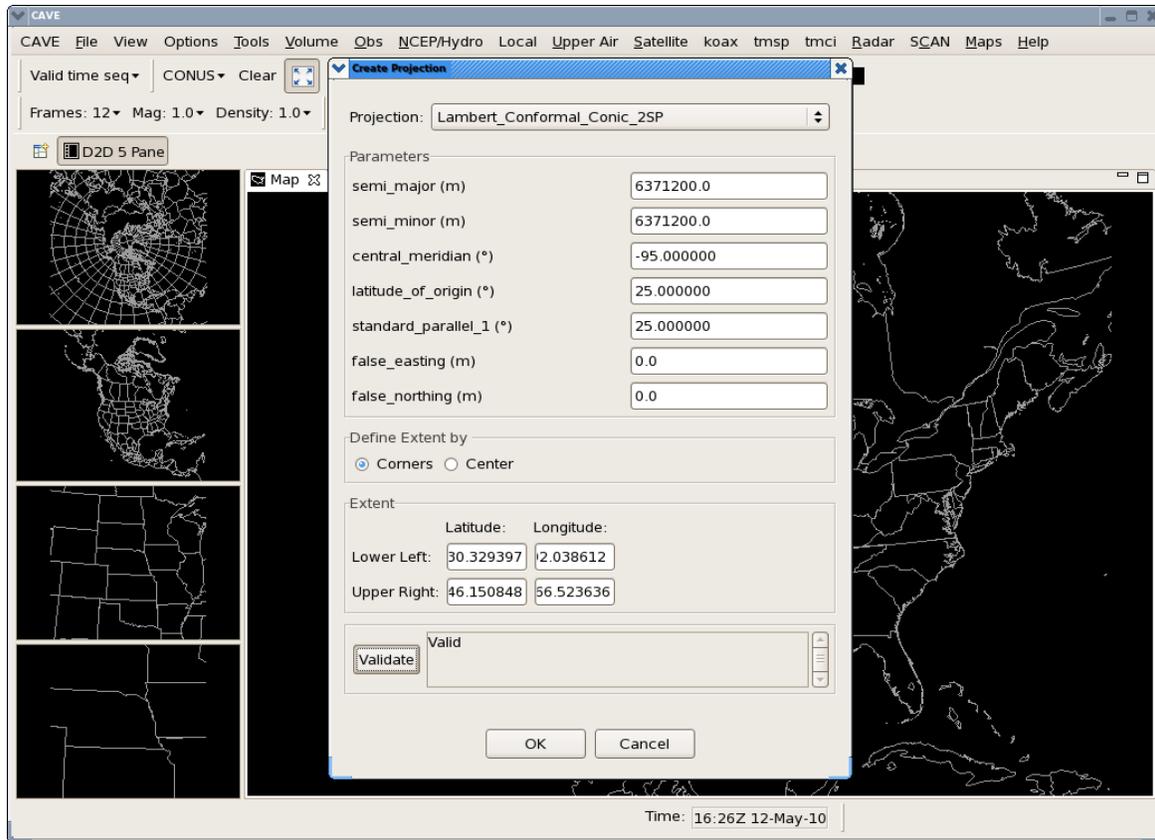


Bring up the output of **makesup args** in an editor so you can yank and paste.

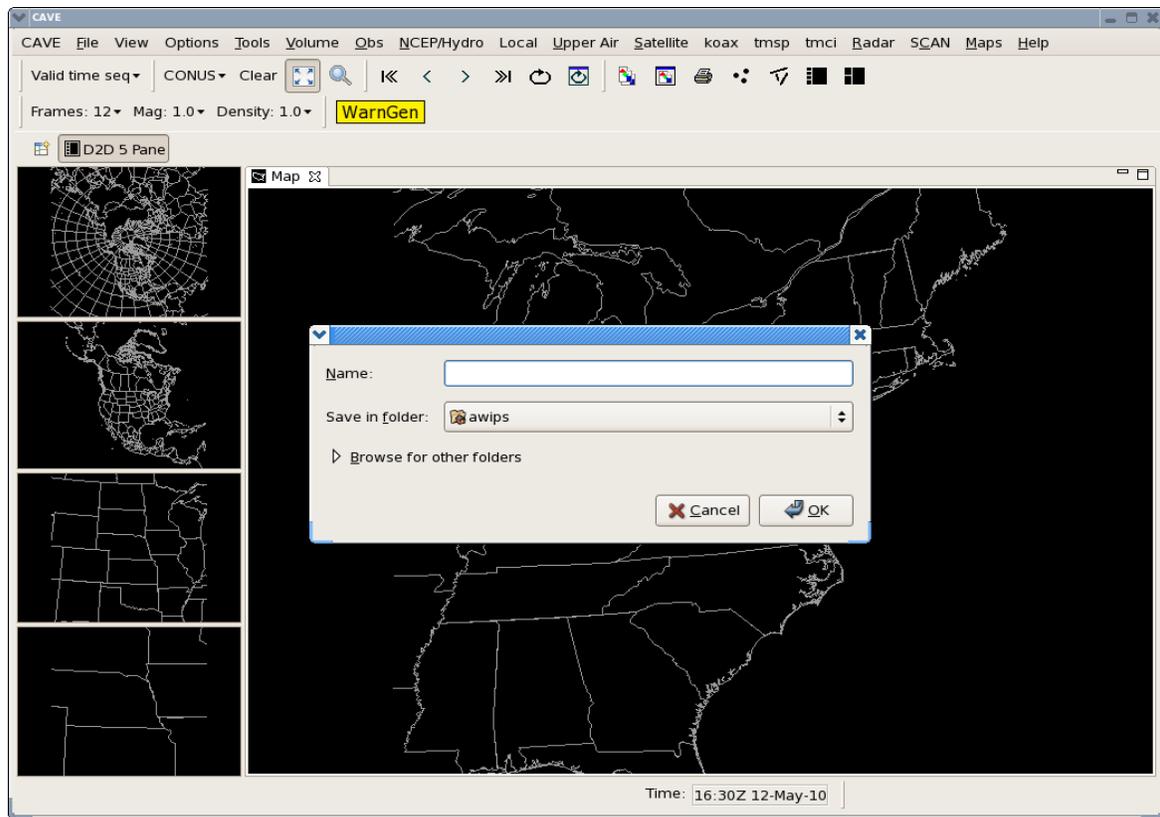


LWX-regionalScale.SUP

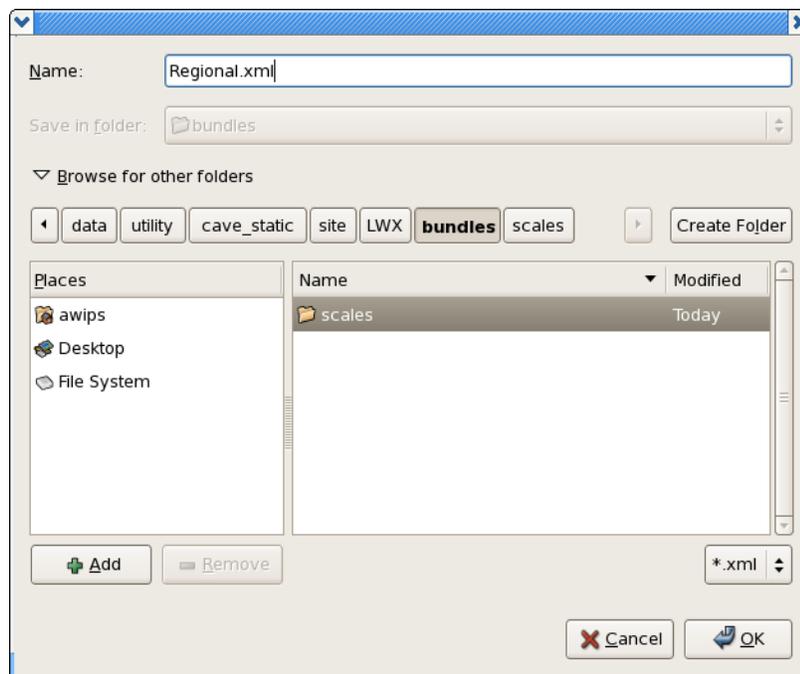
```
makesuparg 3 25.000000 -95.000000 25.000000  
l 30.329397 -92.038612 46.150848 -66.523636  
l 48.168144 -91.484322 28.483690 -70.912498  
x 0.017268 0.141931 -0.790416 -0.665753  
o 38.845669 -80.236771 999.048180 999.048090 999.047971 999.047971  
o 25.000000 -95.000000 -285.404757 2345.810168 -596.484793 2656.889866
```



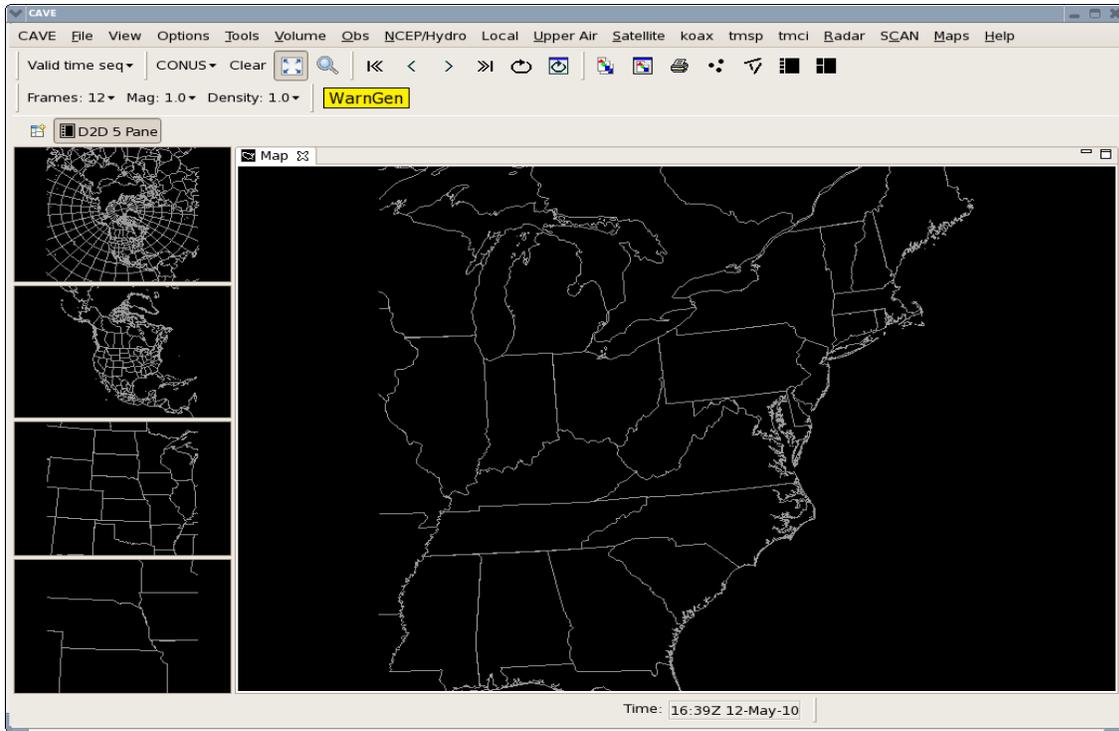
Enter the data for the projection per the instructions in the localization document and select **OK**
From the **CAVE** menu select **procedure -> save bundle**



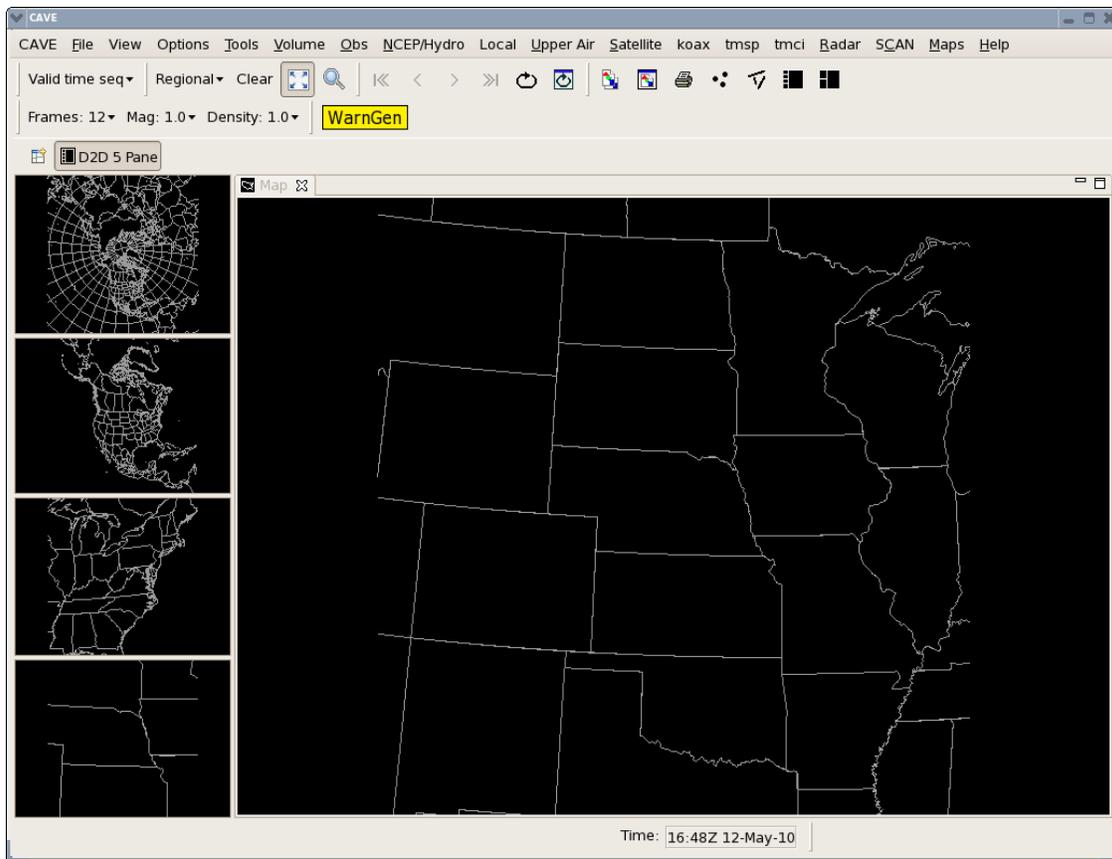
A save file dialog appears. Select **Browse for other folders**.



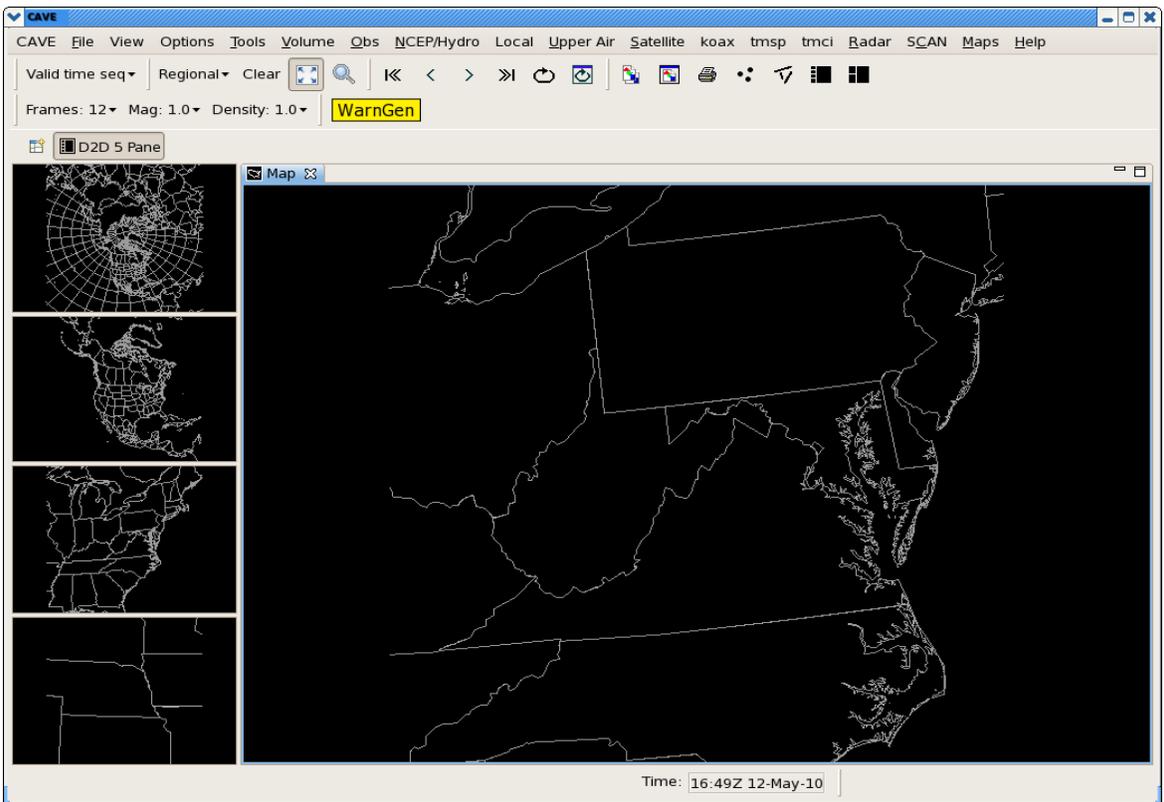
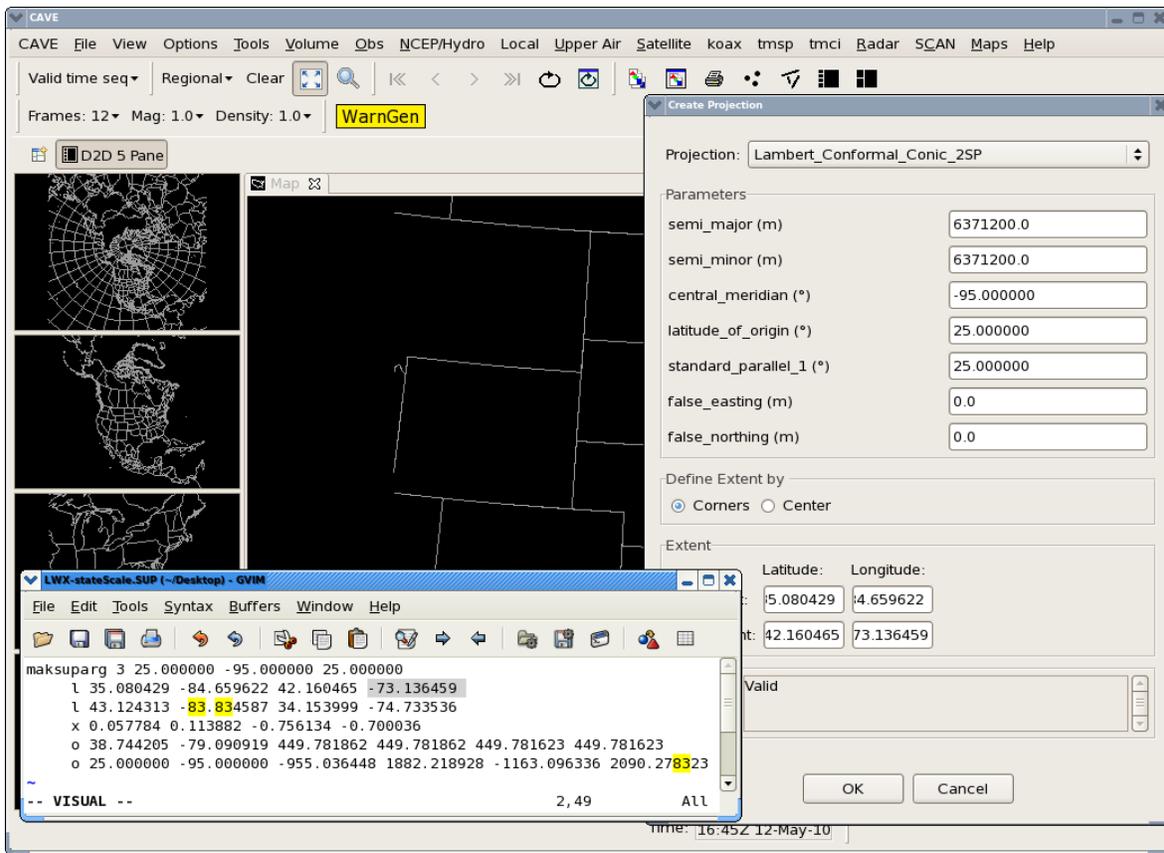
Navigate to **ade/projects/build.edex/esb/data/utility/cave_static/site/LWX/bundles/scales**
 Enter the name **Reginaol.xml** and click the **OK** button. Your cave should now look like the following screen.



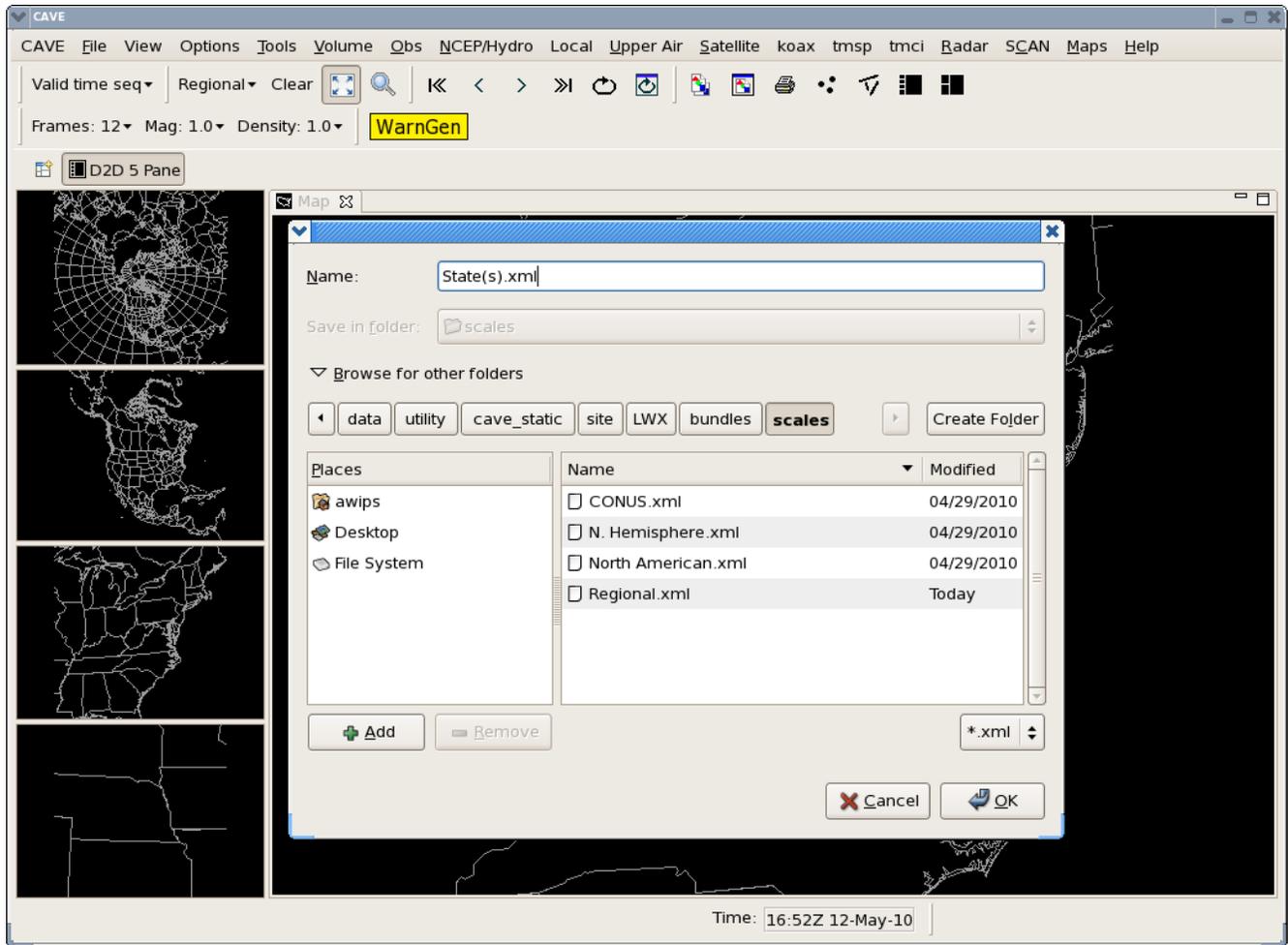
Right click on the old Omaha Regional D2D pane to move the LWX regional map we just created to its proper place.



Repeat the process for the State(s) projections

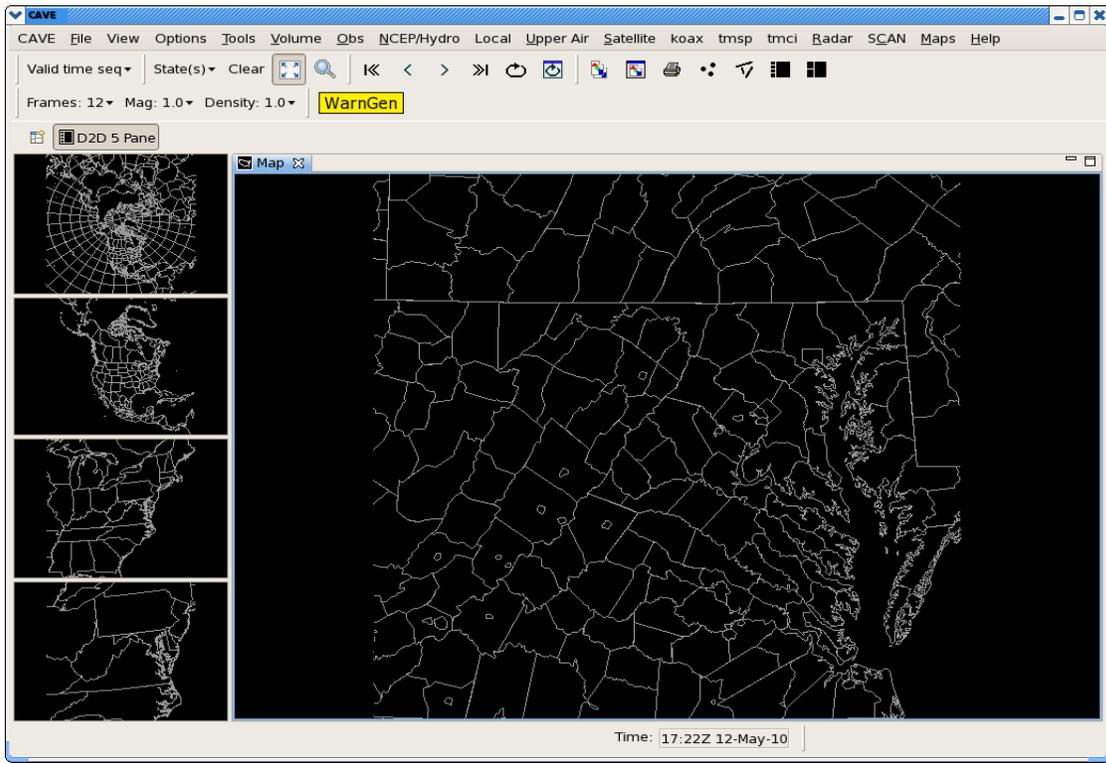
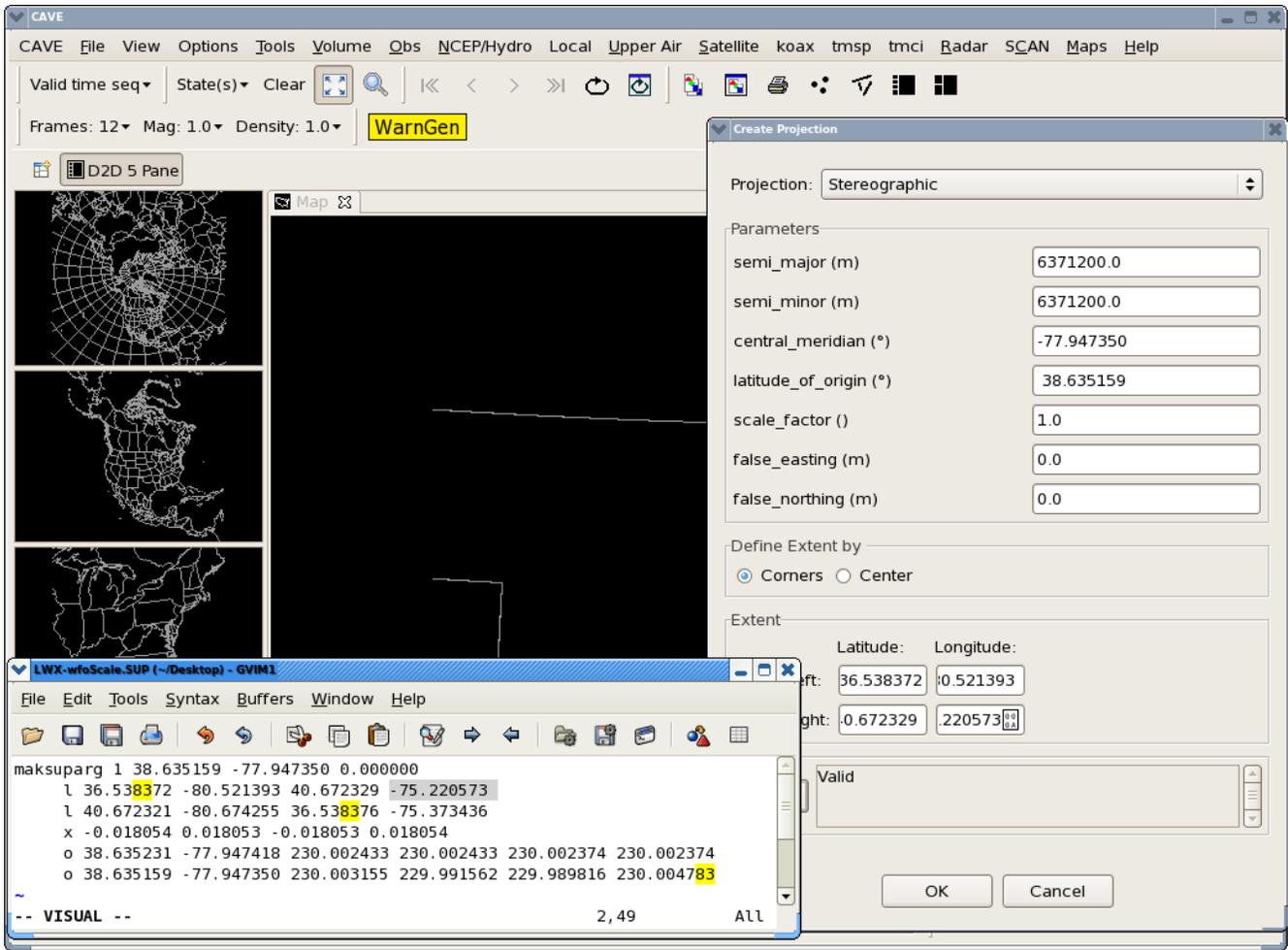


From the **Cave** pull down menu select **procedures -> Save bundle** .
In the File dialog box navigate to
ade/projects/build.edex/esb/data/utility/cave_static/site/LWX/bundles/scales
and Select **OK**



Right click the old Omaha D2D State(s) pane to save the new LWX States(s) pane in its proper [D2D location](#)

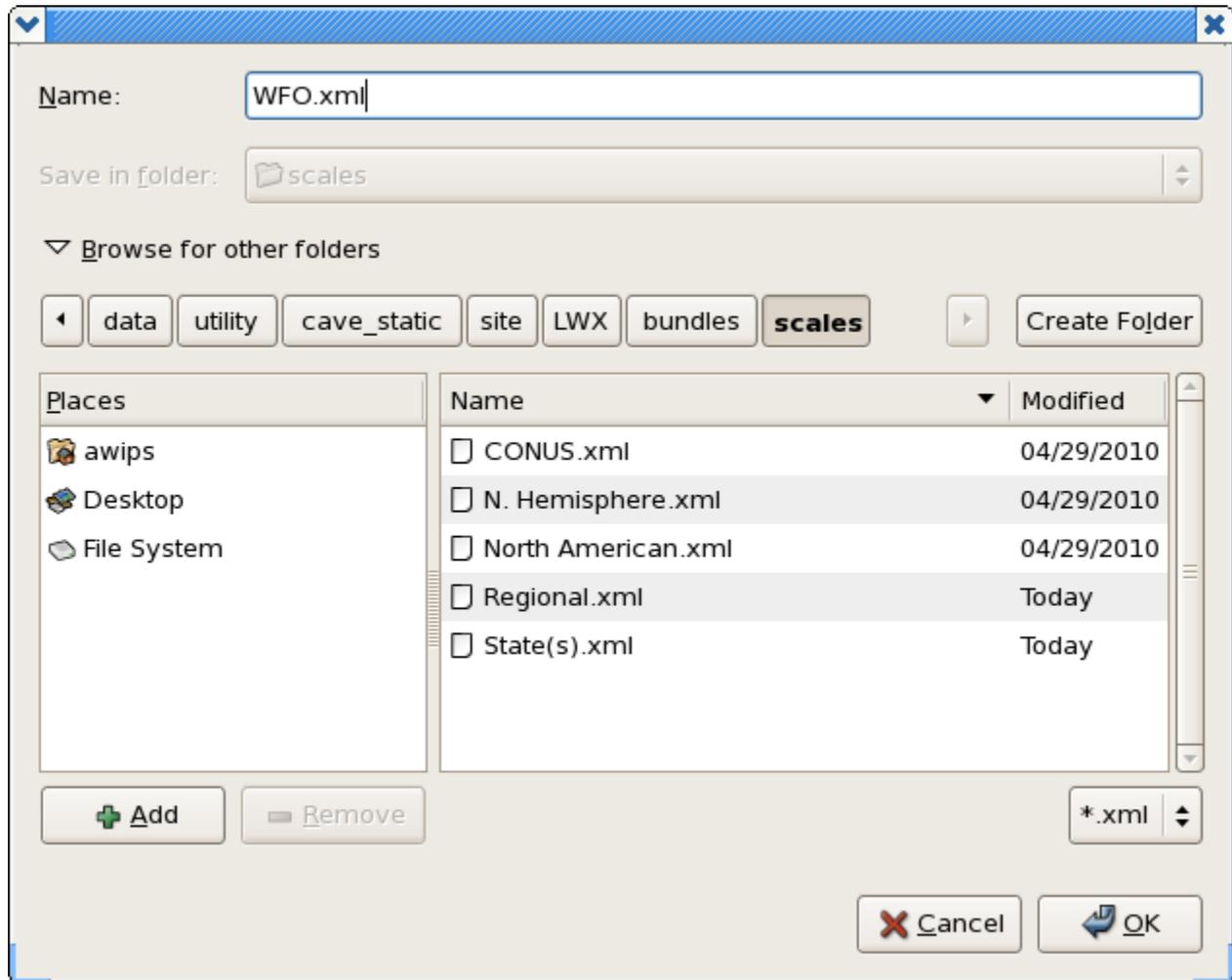
Repeat the process for the WFO map.



Select **cave menu** -> **procedures** -> **save bundle**

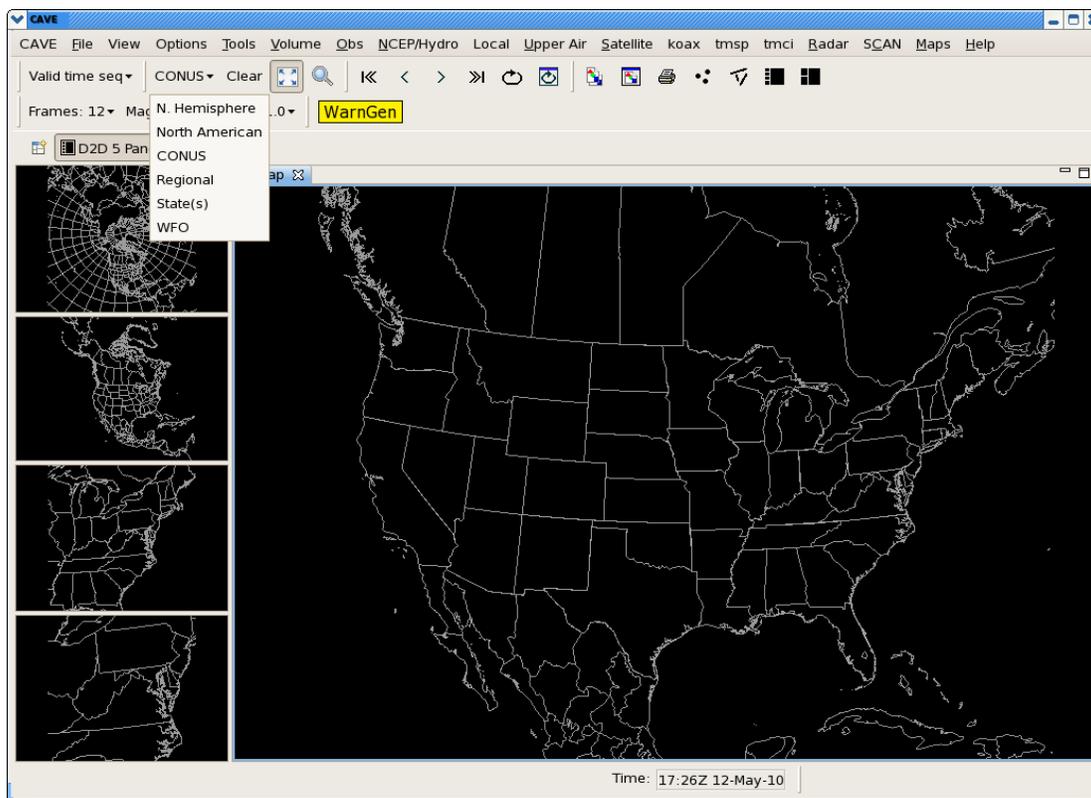
navigate to **ade/projects/build.edex/esb/data/utility/cave_static/site/LWX/bundles/scales**

Save file as **WFO.xml**

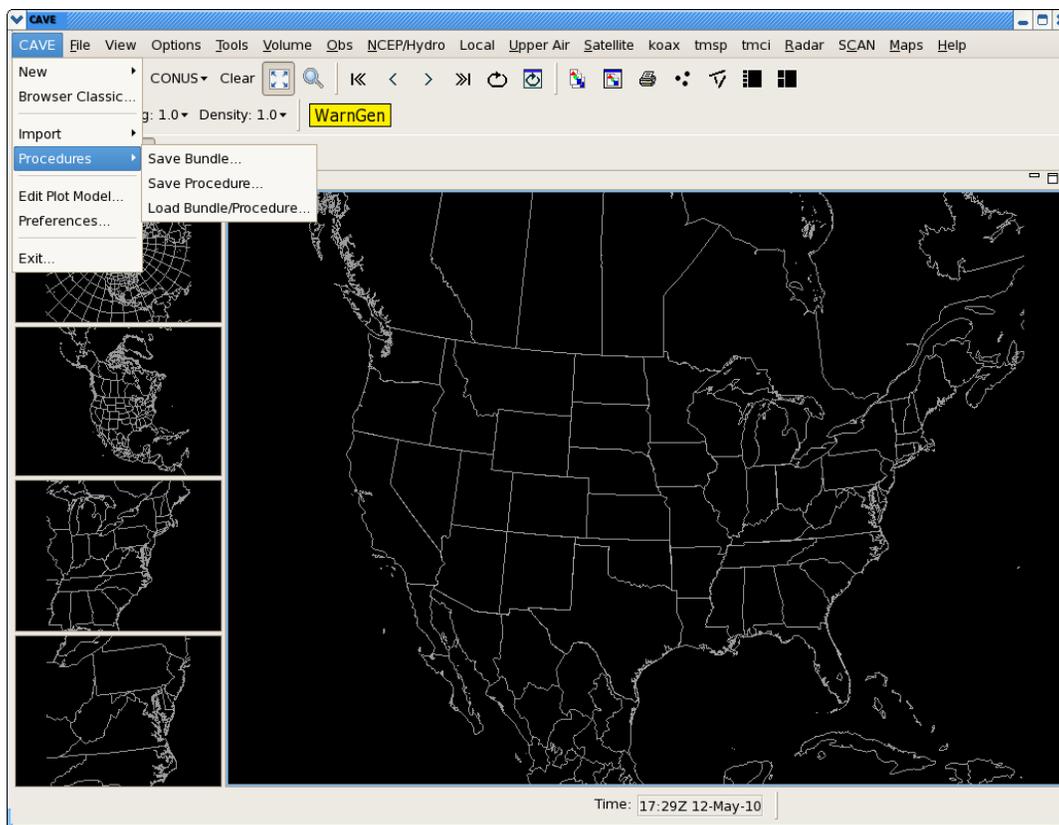


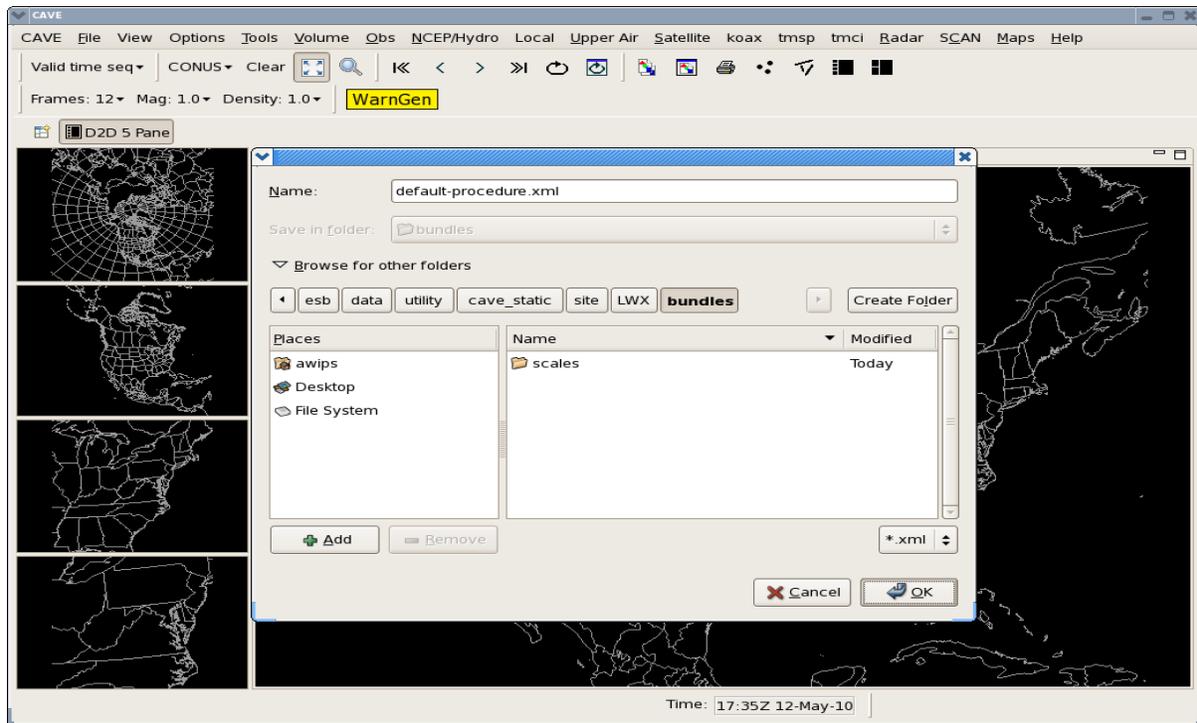
Select **OK**

Select **CONUS** from the PULL down menu and restore the **CONUS** map to the main D2D panel



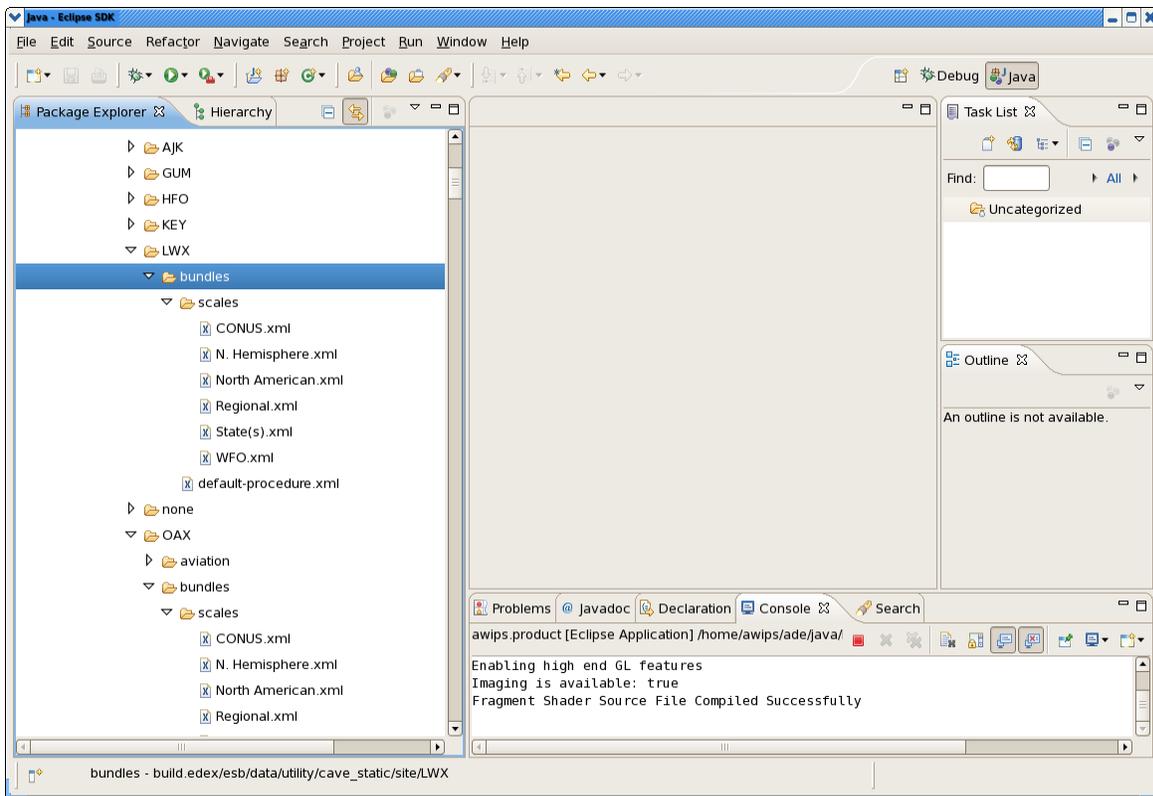
From the CAVE menu select **Procedures** -> **Save Procedure**





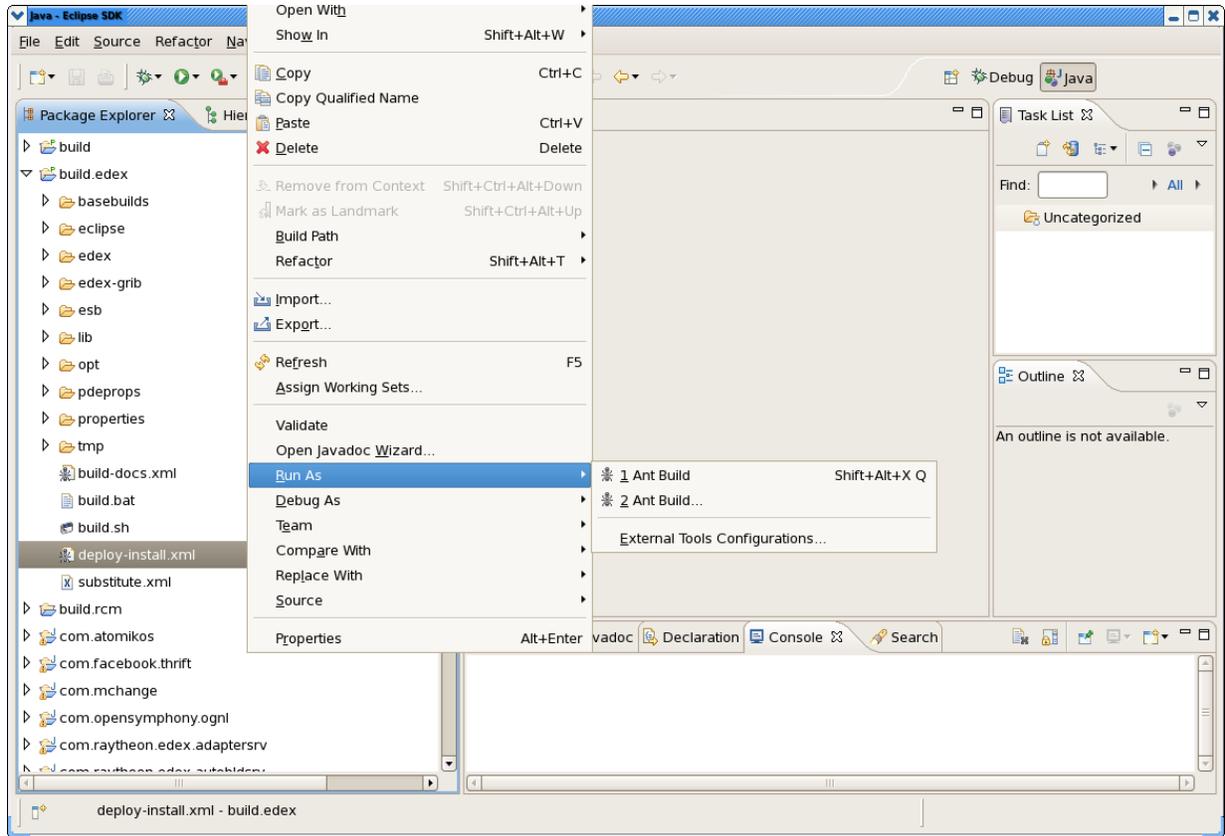
navigate to **ade/projects/build.edex/esb/data/utility/cave_static/site/LWX**
and save the file as **default-procedure.xml** select **Ok**

The Eclipse package explorer should now look like this after entering F5 to refresh

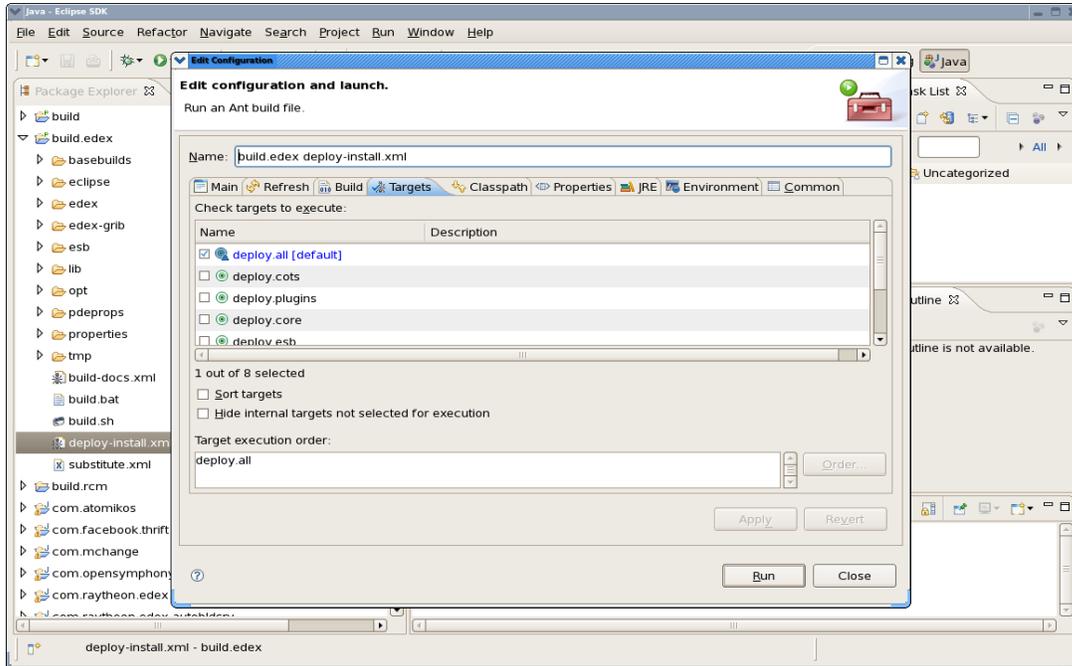


We are now ready to deploy our LWX localization.

From the package explorer in the build.edex package right click on deploy-install.xml

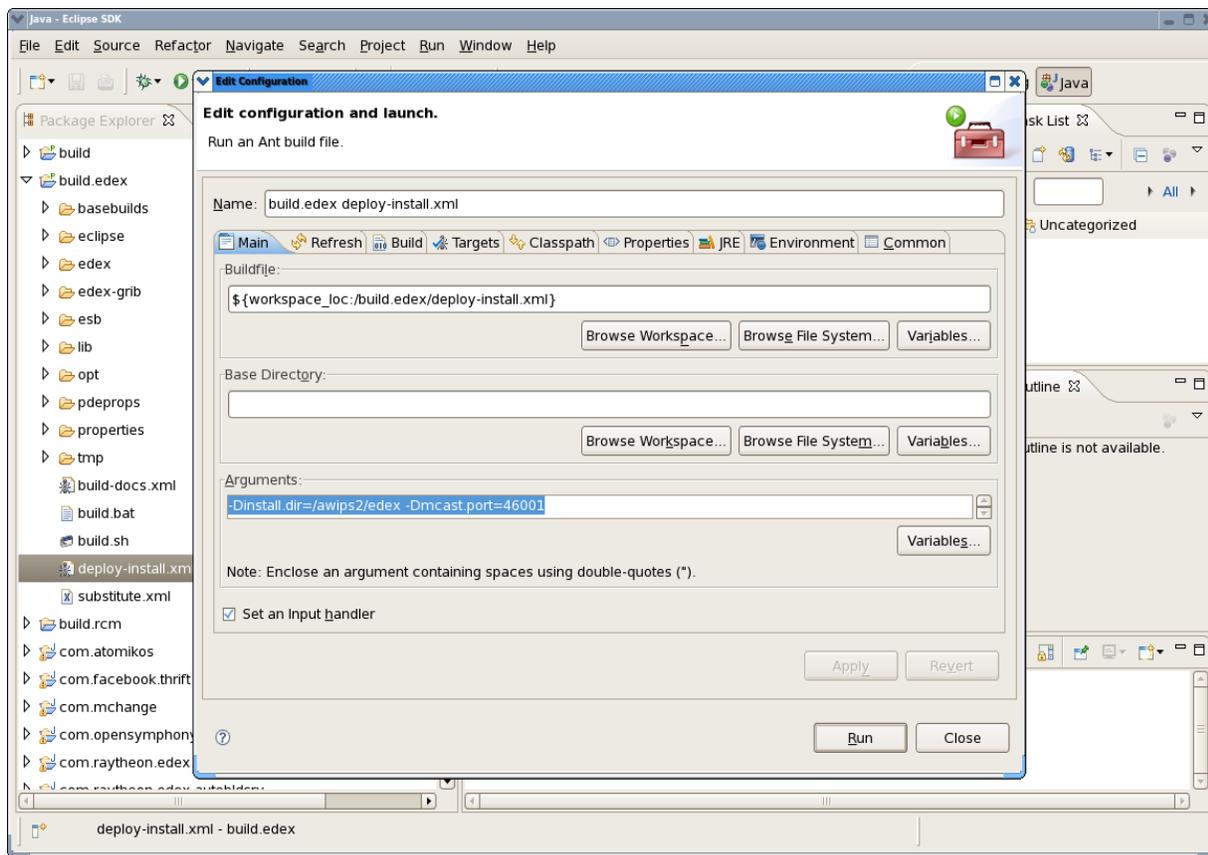


Select the second Ant build



Select the main tab and make sure the arguments are set to

-Dinstall.dir=/awips2/edex -Dmcast.port=46001

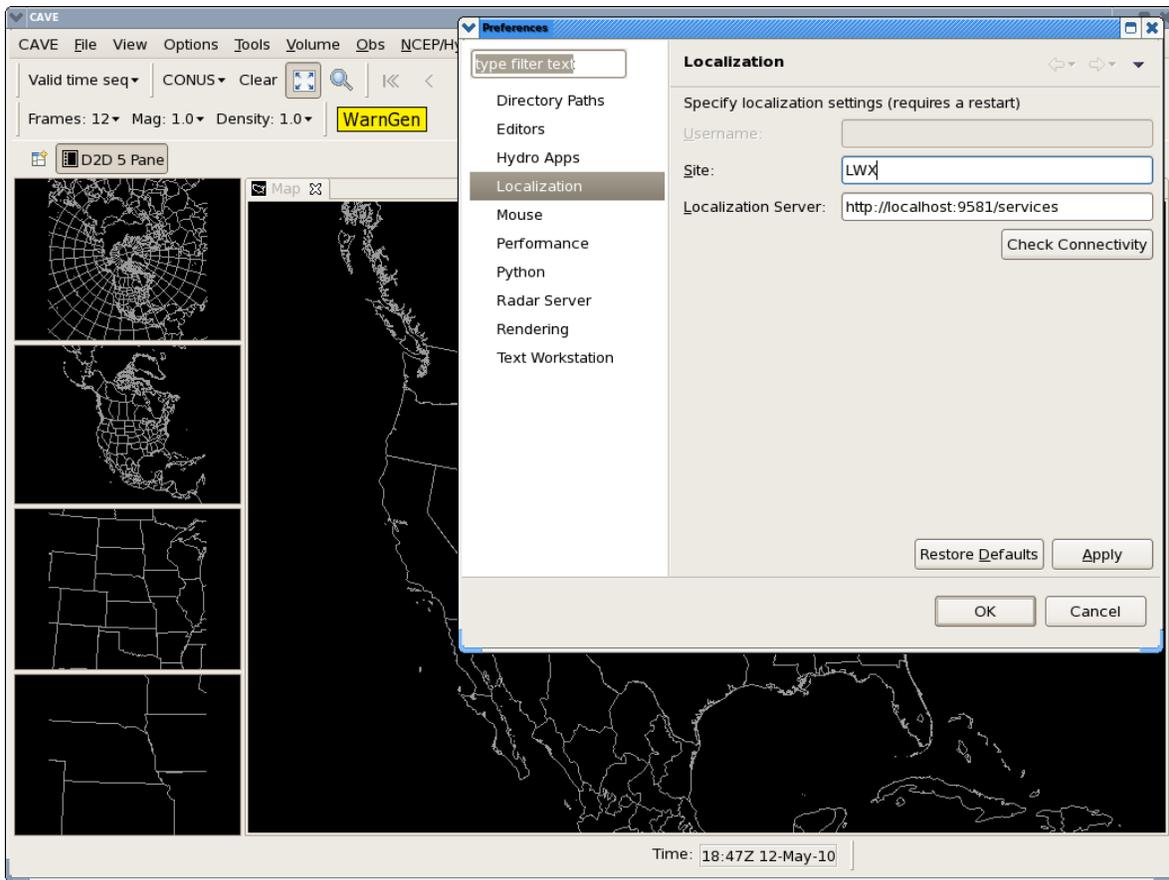


Select **Run**

Edex will be deployed to /awips2/edex

Start Cave from the ade

From the **Cave** menu select **Preference -> Localization**, change the site to **LWX** and click **APPLY** and then **OK**



Exit cave and restart it. Voila!! LWX

