From glenn@giseis.alaska.edu Wed Mar 12 18:06:33 2008 Subject: Example usage of AEIC CVS repository: importing db2kml To: west Cc: natasha, mitch, roger, tammyg Adding db2kml to AEIC CVS:

- 1. Create a local directory with db2kml, db2kml.1, db2kml.pf in it.
- 2. cd to that directory.
- 3. Upload/Import the project with:

 cvs -d /usr/local/aeic/cvs import src/bin/db/db2kml db2kml ver 0-1
- 4. cd to /usr/local/aeic/4.9
- 5. Checkout the project to create a sandbox*: cvs -d /usr/local/aeic/cvs checkout src/bin/db/db2kml
- 6. cd to the sandbox*
 cd src/bin/db/db2kml
- 7. Edit files if necessary. Create a Makefile containing:
 BIN=db2kml
 MAN1=db2kml.1
 PF=db2kml.pf
 include \$(AEICMAKE)

Note this will be different with different projects.

8. make install

Command, manpage and parameter file should now be available system wide.

- 9. Add the Makefile to the project in CVS: cvs -d /usr/local/aeic/cvs add Makefile
- 10. Recommit changes back to CVS repository.
 cvs -d /usr/local/aeic/cvs commit

One thing, I had to add "" around -p pf_file so it would install the manpage OK.

* In AEIC we have permanent sandboxes installed under / usr/local/aeic/4.9. Standard CVS practice is to have temporary sandboxes which uses create, use and destroy in their own working directories. That's really helpful in team programming environments, but probably overkill for our uses here. The AEIC setup is simpler to use.