CVS HOW-TO

Group wise CVS repository can be created in the home directory and all members of the group can commit their work to that repository.

Step1	**Create a directory for the CVS repository to keep all the history of your work.** *mkdir -p $HOME/cvs_repo*
Step2	**Set enviromental variables: CVSROOT tells where the repository is.** *export CVSROOT=:local:$HOME/cvs_repo*
Step3	**Initialize the repository.** *cvs init*

Step4	**Import your existing project to the repo. Let your working dir is $HOME/work-dir.**
	
	cd work-dir
	cvs import <name_of_the_project> <vendor tag> <release tag>
	
	    <vendor tag> is a free form text string you're supposed to use to identify the vendor of software. Since it's a CVS tag, it should be all upper case and not have any special charatcters except the "_" (like no "." or "-").
	    <release tag>, is also a free form text string you're supposed to use to identify the release of the software you're putting in CVS. Since it's a CVS tag, it should be all upper case and not have any special charatcters except the "_" (like no "." or "-").
	
	Example:
	cvs import project_yourname VER_1 REL_1
	
	 [After you run the above command CVS opens an editor window, Enter a message to remind you what you intend this project to be.]
	
	 After that you can go to "cvs_repo" directory and will se a directory named as <*name_of_the_project* > cotaining exact copy of your working directory. So if you want to delete your working directory you can delete it now.
	
	cd ..
	rm -rf work-dir

Step5	**Set up a work directory to work on the project and check out the project which you imported just now.** *mkdir -p work-dir* *cd work-dir* *cvs co <name_of_the_project>* **[Now you will get the copy of your existing work in the directory]**
Step6	**Add directories and files to the project. Check in the changes into the CVS repository.** *mkdir <new-dir>* *cvs add <new-dir>* *cvs ci* *cd <new-dir>* *vi file1.txt* *cvs ci*