Setting up a CVS Repository and Using Tortoise CVS

Here are some instructions for setting up a CVS repository and connecting through Tortoise CVS. Throughout, replace the text “yourID” with your own user ID.

Server side: linuxlab
1. Declare CVSROOT(or CVSHOME) in your .cshrc or .bashrc. In particular (depending on the shell you are using, insert the following lines).

   For .cshrc:
   ```
   setenv CVSHOME /home/yourID/CVS
   setenv CVSROOT /home/yourID/CVS
   ```

   For .bashrc
   ```
   CVSHOME=/home/yourID/CVS
   CVSROOT=/home/yourID/CVS
   export CVSHOME
   export CVSROOT
   ```
2. To activate these changes, reload your .cshrc or .bashrc using

   ```
   source .cshrc  
or  
source .bashrc
   ```

   Henceforth, the setting will occur whenever you login.
3. Initialize your CVS repository

   ```
   cvs init
   ```
4. Extract your project in a directory (e.g. proj)

   ```
   cd proj
   ```
5. Import your project

   ```
   cvs import -m "message term project" -I ! "proj" project start
   ```

Client side: Windows
1. Install a CVS client (e.g. Wincvs or TortoiseCVS).
2. To connect the server, you need to set up parameters (depending on the software you are using).

   **Protocol:** Secure shell (:ext:)
   **Server:** linuxlab.cs.umd.edu
   **Repository folder:** /home/yourID/CVS
   **Username:** yourID
   **Module:** proj
   **CVSROOT:** :ext:yourID@linuxlab.cs.umd.edu:/home/yourID/CVS
3. Checkout your module.