

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.