

# CVS

## CVS

### Setting up a CVS repository

To set up a CVS repository for your team in your Server locker:

- `mkdir maslabcv` (you can name it whatever you want)
- `fs sa -dir maslabcv -acl teammate1 all teammate2 all teammate3 all` (where *teammate1*, *teammate2*, *teammate3* are the usernames of your teammates)
- `setenv CVSROOT $HOME/maslabcv`
- `cvs init`
- Change to the directory that contains your code. Make sure it contains only files/directories that you want to put in the repository.
- `cvs import modulename init head` (where *modulename* is a name you pick)

If one of your teammates has set up a repository for your team, do this:

- `attach teammate` (where *teammate* is the username of the person who made the repository)
- `setenv CVSROOT /mit/teammate/maslabcv`

If you put the previous two lines in your `.environment` file, you won't ever need to type them again. You might also want to set `CVS_EDITOR` to your favorite text editor. It will be used for recording log messages when you commit.

### Using CVS

- To checkout a copy of the code: `cvs co modulename`.
  - To update your copy to the latest version: `cvs up`.
  - To commit your changes: `cvs commit` (you must update before you can commit).
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