Converting a CVS Repository to Git (Lab)

Make sure you have the appropriate CVS software installed to do the following steps. In addition to the basic CVS package, you probably need **git-cvs** and **cvsps**.

The easiest way to get a copy, or clone, of a CVS project is to use **git cvsimport**.

To obtain a copy or part of the CVS repository itself (which one can always expect to be obtainable through CVS), you can do:

```
$ git cvsimport -v -C my_cvs_repo \

    -d:pserver:anonymous@cvs.savannah.nongnu.org:/sources/cvs diffutils
```

where we have chosen only the **diffutils** module of CVS in order to keep things small.

This creates a git repository under the **my_cvs_repo** directory, which you can examine. Notice all the git information goes in the **.git** subdirectory.

If you want to compare with the CVS repository, you can bring that down with:

```
$ cvs -d:pserver:anonymous@cvs.savannah.nongnu.org:/sources/cvs co diffutils
```

where the repository information will go under **diffutils/CVS**.

Comparing the results:

```
diff -r my_cvs_repo diffutils/

Only in diffutils/: CVS

Only in my_cvs_repo: .git
```