

Migrate a CVS Repo to GitHub



There is a newer version of cvs2svn: <http://cvs2svn.tigris.org/files/documents/1462/49543/cvs2svn-2.5.0.tar.gz>.

Instructions

The goal is to maintain the history of the CVS repo during the conversion.

1. On the CVS server:
 - a. `wget "http://cvs2svn.tigris.org/files/documents/1462/49237/cvs2svn-2.4.0.tar.gz"`
 - b. `cd cvs2svn-2.4.0`
 - c. edit `cvs2svn-example.options` to match your needs. E.g.:
 - i. line ~377 `cx.username`
 - ii. line ~563 change it to the path for your CVS repository, e.g. `/app/cvsrepo/cvs/someDirectory/myProject`. The top of the path must contain the `CVSROOT` (e.g., at `/app/cvsrepo`)
 - d. `python cvs2git --options=cvs2git-example.options --fallback-encoding utf-8`
2. On a server that has git installed:
 - a. copy the `git-blob.dat` and `git-dump.dat` files created in step #1 locally to `/tmp`
 - b. `mkdir myProject`
 - c. `cd myProject`
 - d. `git init`
 - e. `cat /tmp/git-{blob,dump}.dat | git fast-import`
 - f. `git log` (check that there is history of commits)
 - g. `git reset --hard`
 - h. create repo on GitHub (e.g., `github.com/myOrganization/myProject`)
 - i. `git remote add origin git@github.com:myOrganization/myProject.git`
 - j. `git push -u origin master`

Other Resources

- <http://cvs2svn.tigris.org/cvs2git.html>
- <http://stackoverflow.com/questions/20869710/migrate-from-cvs-to-git-without-losing-history>