

Migrating an SVN repository to git (and GitHub)

First steps:

1. Identify **all** authors for the SVN repository and create an author to email mapping, save it as such as this:

```
bvan = Brian Van Klaveren <bvan@slac.stanford.edu>
srs = Jenkins <srs@slac.stanford.edu>
...
```

2. rsync the svn repository where the project resides to your local machine, or work directly on the server (you get a 40x speed up)
3. Install svn2git (sudo gem install svn2git)
4. Create new directory for your project and cd into that project
5. svn2git [file:///path/to/rsynced/subversion/org-srs-datacat](http://path/to/rsynced/subversion/org-srs-datacat) --authors=../contributors.txt
6. Once done, you have a local repository with proper branches and tags, assuming you'r tags are kosher (no additional commits)
7. You can push that to a recently created repository on GitHub like this:

```
git remote add origin git@github.com:brainv0/my-recently-created-repo.git
git push origin --all    # Note, doesn't push tags!
git push origin --tags   # So we push them this way
```