SCM Branches

This document has information about how to manage branches in grouper. Assumes using Eclipse.

Standards

Example branch name: GROUPER_1_6_BRANCH

Example branch merge point: just commit the misc/merge.txt

How do I work in a branch?

You need to checkout that branch from git, and work in it. Here is how:

1. You should probably close all projects of different branches since the names will conflict. Or you can rename with the branch in the name (e.g. grouper_trunk)
2. If you have the branch checked out, just import the project into eclipse, or open the project

Which branch should I work in, and when? How to merge?

If you are making a change for the next major release (or before a branch has been made for a release), use trunk.

Note: Anonymous access to Grouper's Git repository is provided via: http://github.com/Internet2/grouper

If you are making a fix for a previous branch, then:

1. Make the change in the oldest branch first (see instructions above)
2. Commit the change (note the commit-id)
3. Checkout the second-most-recent branch, then git cherry-pick (commit-id) where (commit-id) is the commit of your patch
4. Rinse, lather, repeat, submit a pull request.