

CS 420 – Software Engineering in Practice

Using Subversion for Version Control

Individual Assignment - 20 pts

submission: due at end of class

1. Log into your account on `bitterroot.vancouver.wsu.edu` and change your password if you have not already done so.
2. Create a Subversion repository. Create the following directory in your home directory: `repos/cs420`. Use the `svnadmin` command to create the svn repository.
3. Import a project tree (from a previous assignment) into the repository. (See slides).
4. Check out the repository twice into two different working directories. (Create a `work/co1` and `work/co2` directories in your home directory).
5. Make modifications to a (or some) file(s). Check out the project in two different locations in your local file system and simulate working in pairs by making the modifications in the two different checked out versions.
6. Commit the modifications (`svn commit`) in one of the checkouts and then use `svn update` on the other check out. If a conflict occurs which cannot be solved by Subversion (which should happen if the previous exercise has been done), repair the file(s) containing the conflicts and commit again.
7. Query for the version of the repository.
8. Check out an earlier version of the project.