Subversion

Apache Subversion is the version control system that the 699 team uses. It plays a key role in our software, file, and data management. For a quick tutorial on

Installation for Macs

There are two potential ways that you can use Subversion on Macs:

1. The `svn` command line tool. Any instructions in this Wiki that require subversion will use this method.
2. A GUI (Graphical User Interface) Client. Some GUI clients come with their own standalone svn version, but others may require you to also install the command line version.

The following steps pertain to method 1 (and method 2 if the GUI client of your choice requires the command line version to be installed)

1. Open up a new terminal window and execute `svn`
2. If you already have `svn` installed then you will see the following message: `Type 'svn help' for usage.` Otherwise you should see the following dialog:

   500px
3. Go ahead and click "Install". You do not need to click "Get Xcode" since we are only interested in getting the command line tools. The download and installation may take a few minutes.
4. Once the installation is finished you should see a dialog similar to the following:

   file:clt_install_done.png
5. Close your current terminal window and open a new one, then execute `svn` again. This time you should see `Type 'svn help' for usage.`. You now have Subversion installed!

Graphical SVN Clients

There are a number of graphic svn clients that exist. Below are a few of the ones that we recommend.

- *Rapid SVN* : http://www.rapidsvn.org/download/release/0.12/ : Free client for Windows and Mac
- *Tortoise SVN* : http://tortoisesvn.net/downloads.html : Free client for Windows that nicely integrates into the Windows Explorer
- *Versions* : http://versionsapp.com/ : Free 30 day trial for Mac. Purchase for $59
- *Cornerstone* : http://www.zennaware.com/cornerstone/ : Free 14 day trial for Mac. Purchase for $59. **Recommended**

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