

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:

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:

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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