*A Guide to Installing a Working svnX on Mac*

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Please note that the Mac platform changes periodically which may affect these instructions. Also, there is an alternate way to install Subversion:

1. Install Homebrew from <https://brew.sh/>
	1. In the terminal window use this command to install subversion:
	brew install subversion

If the above does not work, then you may want to try the approach given below.

1. Downloading Subversion from WANdisco
	1. Follow the link below
		1. <https://www.wandisco.com/source-code-management/subversion>
		2. Select MacOS
		3. Download the most recent binary
		4. Enter information and wait for confirmation email
	2. After you have received the confirmation email and follow the link inside you will get the error “Subversion-1.11.1\_10.9.x.pkg” can’t be opened because Apple cannot check it for malicious software.” To bypass this, do the following:
		1. Open system preferences
		2. Select Security and Privacy
		3. If there is a password on your computer, click the lock in the bottom left hand corner and enter your password
		4. Select “App Store and identified developers”
		5. Below “App Store and identified developers”, there should be a line that says “Subversion-X.XX\_XX.X.x.pkg” was blocked from use because it is not from an identified developer, select “Open Anyway”
		6. Select “Open” on the pop-up after step v
		7. Click through the Subversion installation wizard
		8. Move to trash
2. Downloading svnX
	1. Follow the link below and select Softpedia Secure Download
		1. <https://mac.softpedia.com/get/Development/Editors/SvnX.shtml>
	2. After downloading, the following error “svnX cannot be opened because the developer cannot be verified.” may appear. To correct this, do the following:
		1. Right click on Finder and select Applications
		2. Drag the glowing svnX logo into the Applications folder
		3. You may now close svnX window
		4. Right click on svnX in the applications folder and select open, displaying the error message “svnX cannot be opened because the developer cannot be verified.” once again
		5. Select cancel, then right click on svnX in the Applications folder again, this time, the options should be “open” and “move to trash”
		6. Select open
		7. Now, you should have the ability to open svnX through the applications folder
3. Setting up a Repository on Mac
	1. Once you can open up svnX successfully the next challenge is setting up a working repository
		1. Click the gear in the bottom left of the corner and select “Add Repository”
		2. Enter the following data
			1. Name – Project Name
			2. URL - <https://designlab.eng.rpi.edu/svn2/your-project-name/working/>
			3. Username – Design Lab Username
			4. Password – Design Lab Password
	2. The column on the left should say “Working Copies” on the top, below that it says “Repository”. Below “Repository” should be your project name with a number to the right of it\*. If you don’t see your project name below “Repository”, Select the arrow on the left-hand side of “Repository” to reveal your project name.
		1. \*Note: if your project name does not have a number next to it, the following step most likely will not work.
	3. Double click on your project name in the left-hand column and it should open the repository for your project!
4. Repository Errors
	1. There are a few different errors that can occur whilst setting up the repository
		1. E170013: Unable to connect to a repository at URL”…”
			1. This error is a general error that appears when there are other errors and svnX can’t connect to the server
			2. This error will occur when the URL is incorrect – check spelling!
			3. This will occur with you have not properly replaced “your-project-name” with the correct identifier as indicated above. As a result of this, your URL is incorrect.
			4. To solve this: fix all other error messages
		2. E230001: Server SSL certificate verification failed: issuer is not trusted
			1. This error is telling you that the \*server\* isn’t yet trusted on your Mac. This is an intentional security requirement. The certificate that the EDN uses is not always properly recognized on a Mac.
			2. To solve this: You must tell your computer to trust this server, complete the following steps
				1. Press command + space, then search for and open “Terminal”
				2. In terminal send “svn list [repository URL]”

\*\*Assure your repository URL works by sending it in your browser

* + - * 1. You will be prompted to reject or accept (permanently or temporarily) the certificate
				2. Select “p” permanently
1. All else fails – if the above does not work, please contact your Project Engineer for assistance!