

The purpose of this guide is to show Mac OS users how to install an X display server into their OS and how to enable x forwarding via SSH.

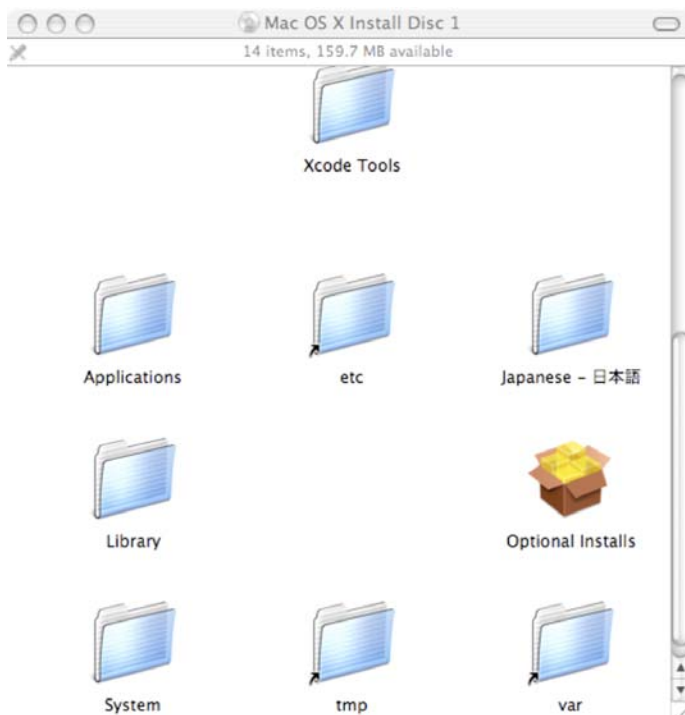
### Part 1: Installing X

A. Insert your original MacBook (or Mac Pro) restore DVD.

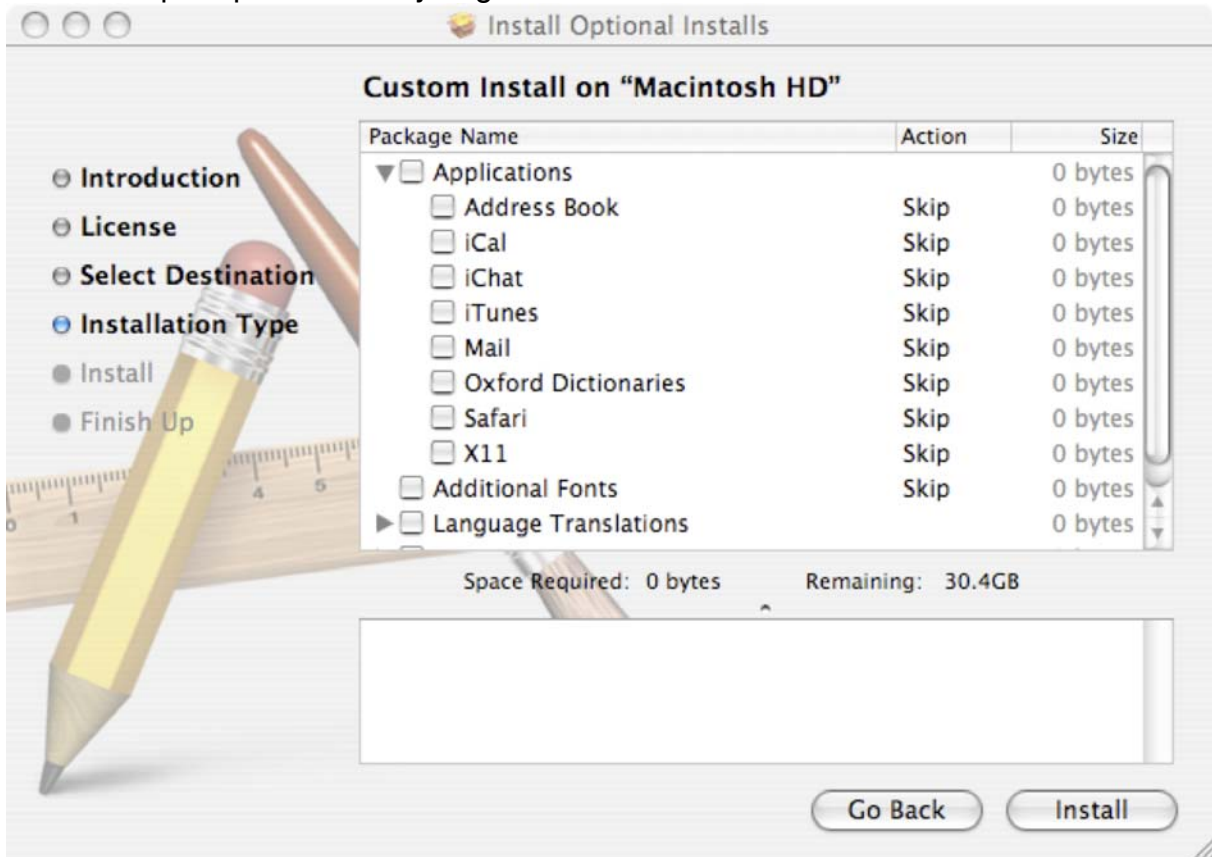
B. Wait for the autorun screen to pop up.



C. Scroll Down until you see the Optional Installs Package



- D. Double click the package to begin the installer.
- E. Follow the prompts and until you get to this screen.



- F. Select the X11 option and click install.

## Part 2: Setting up your path and SSH

- A. Open up your favorite text editor
- B. Create a new file.
- C. On the first line of your file type "alias ssh -Y" . This will tell your shell to automatically run ssh with the parameter 'Y' when you type ssh. This is the parameter that enables X forwarding.
- D. Save the file in your user directory ( /Users/**Username** ) as .bashrc
- E. Note that this is treated just like a .bashrc file in any Unix system and can be used to modify your user environment just like in any Unix system. Also, the ssh alias must come before any other aliases present in your .bashrc

## Part 3: Using X Forwarding

- A. Open Finder and go to Applications/Utilities
- B. Scroll down to X11 and drag it to your dock
- C. Click on the X11 in your dock to start the X server and open up a X-Terminal shell.
- D. ssh into your desired server ( i.e. - ssh jwc3888@gameserver.cacs.louisiana.edu )
- E. Run an x program and see it on your desktop (Nedit is my favorite)