

How to Connect from Home

with Mac OS X
Berkeley Self-Paced Center
Matt Johnson, Fall 2006

You should read this guide if you want to work from home by connecting to the self-paced center server(s). With this set-up you can work just as if you are sitting at an SPC terminal and keep all your files together and easily accessible from the SPC.

This guide won't help with learning to use the UNIX environment. Instead, check out <http://www.eecs.berkeley.edu/~clancy/sp.unix.stuff/before.you.begin.pdf> or ask a tutor for a run-through with essential UNIX concepts and commands. This guide also won't help if you are using a PC, so if you're on a PC go to the other guide!

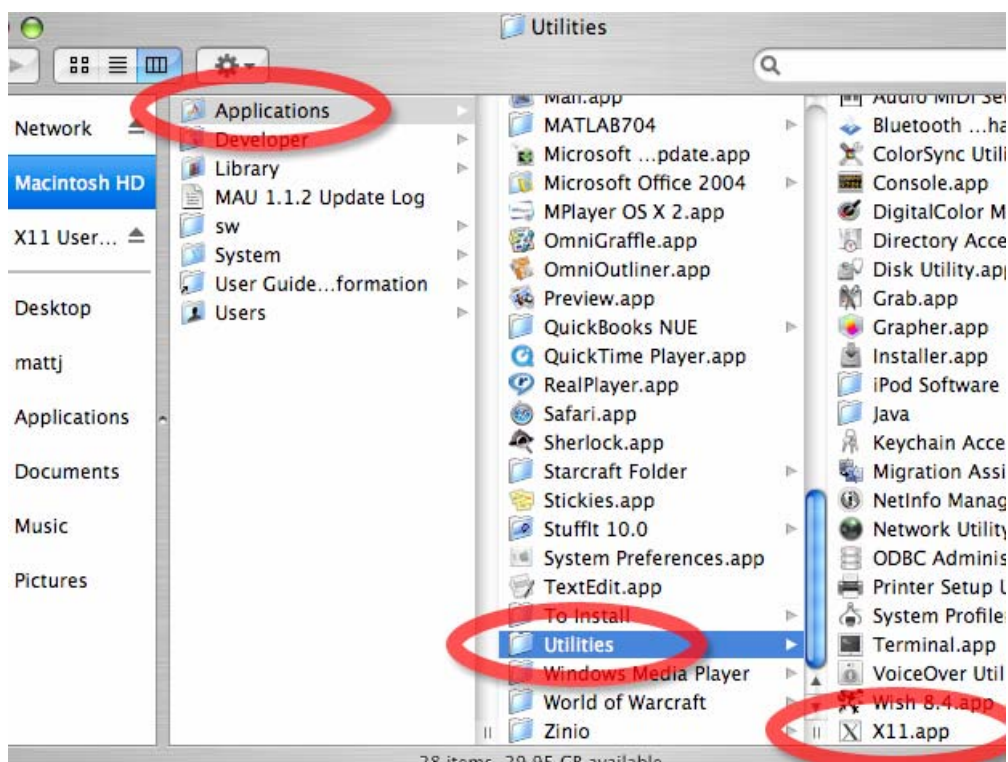
Connecting with Mac OS X

The good news is that this is way easier than connecting with Windows, so you have another thing to gloat about to your PC friends! Just don't tell David I said that.

First you need to download and install X11 for Mac OS X (if you didn't already install it from your OS X install disc). You can download it from Apple here:

<http://www.apple.com/downloads/macosx/apple/x11formacosx.html>

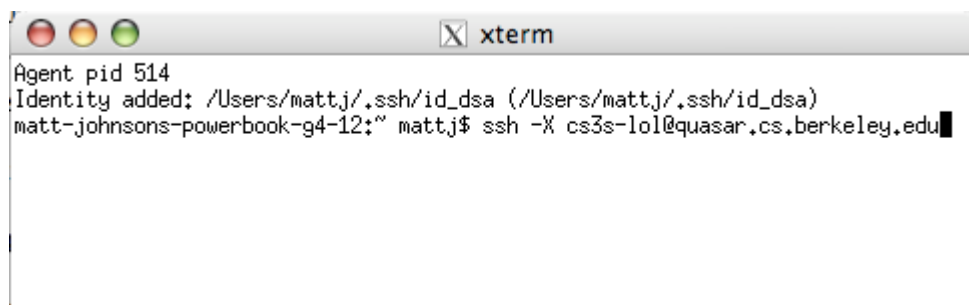
After the download finishes, mount (double click on) the .dmg file (X11User.dmg) and run the .pkg installer (in the "X11 User for Mac OS X" volume). Click through the installer and the X11 application will appear in your /Applications/Utilities/ folder.



Open up the X11 program (it may not have the .app extension showing on the end) and you will get an xterm terminal. You need to make a network connection with the SSH program to one of the Berkeley servers. Just type the command “ssh -X <class-account>@<server>.berkeley.edu” where you should replace <class-account> with your class account name and <server> with one of the Berkeley server names below:

cory.eecs	c199.eecs	po.eecs	h30.cs	h50.cs
nova.cs	star.cs	pulsar.cs	solar.cs	quasar.cs
torus.cs	rhombus.cs	sphere.cs	pentagon.cs	cube.cs

It doesn't really matter which one you choose, since your files will follow you around to any of them, so if you're feeling indecisive try quasar.cs.berkeley.edu. The command should end up looking something like “ssh -X cs3s-lol@quasar.cs.berkeley.edu”:



After you hit enter you'll be prompted for your class account password, and then you'll see some text print out followed by a friendly looking command prompt. You can use this terminal window just like you would the terminal at the SPC to manage your files and programs (use the emacs& command to open an emacs window).

That's it! Any time you want to connect and do some work, just open X11 and use the same command (ssh -X ...) in the xterm window. If you have any questions, come by the SPC and ask a friendly tutor!

And if you want to read more about SSH or the X11 window system, check out

- <http://en.wikipedia.org/wiki/Ssh>
- <http://en.wikipedia.org/wiki/X11>