How to do X11 Forwarding on a Mac

Requirements

In order to do X11 Forwarding on the Mac, you will need to make sure you have XQuartz installed.

XQuartz is available at https://www.xquartz.org/.

How to connect

First, you will need to open up Terminal and you will want to type the following command:

```
ssh -Y <username>@csil-<#>.cs.ucsb.edu -o "XAuthLocation=/opt/X11/bin/xauth"
```

or

```
ssh -Y <username>@linux<#>.engr.ucsb.edu -o "XAuthLocation=/opt/X11/bin/xauth"
```

This will connect you to the remote machine and allow you to run programs from that machine and display onto your computer screen.

Limitations

- Since this is a remote connection, the windows being displayed will be slow due to your network connection, so please be patient with it.
- X11 forwarding does not show the desktop of the remote computer. You will need to call up the programs from the Terminal window.
- X11 forwarding only works while the Terminal window connection is up. **DO NOT CLOSE OR QUIT TERMINAL** during your session.

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