

WINDOWS: HOW TO SETUP AN SSH CLIENT

PHYSICS 91SI HANDOUT

For this class, you will be logging into Stanford's corn machines remotely and using the programs installed there. For that on a Windows computer we recommend using the SSH client MobaXTerm. This client already includes X11 forwarding which will be used for displaying Linux graphical windows from the terminal on your machine.

1. INSTALLING MOBAXTERM

First go ahead and visit the website: <http://mobaxterm.mobatek.net/> and click on "Get MobaXterm Now!" followed by clicking on downloading the free version. Finally click on the link for "MobaXterm Home Edition (Installer edition)".

Once this file is downloaded, just click on it and follow the installation prompts from the program to get MobaXterm setup on your system.

Feel free to read the documentation on the website if you are interested.

2. USING MOBAXTERM

Go ahead and open up MobaXterm by clicking on the icon. You will notice that a terminal pops up, note that this is **NOT** an exact unix terminal, but does emulate it in many ways so you will find that common unix commands such as 'ls', 'cd', 'ssh', etc. will work as expected (if you don't know what this is yet, don't worry we will teach you soon!).

Now as we will be mainly using our terminal to log onto corn we can do this with the following command:

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ssh YOUR_STANFORD_USERNAME@corn.stanford.edu
```

You will be prompted for a password which is just your regular stanford password and then will successfully log onto the stanford corn servers. Note that you may get some prompts from MobaXterm to automatically save your password or to add the server to your favorites list, I would recommend clicking on yes for both of those options for convenience, but you are free to do as you choose.

After this you will successfully be on Stanford's corn servers and be ready to access material from Physics 91SI!

1

¹As always if you run into issues with any parts of this process feel free to contact the course staff in person or via email.