

With thanks to Michael Lai, who graciously compiled this help page.

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For those of you who may be finding the instructions on how to set up your directories on a CS machine a bit cryptic, I've written a short how-to which will hopefully get you on your way. However, I still recommend attending at least the first Unix minicourse offered by the Maclab in the Reg.

1) Logging In

I assume that you've managed to procure a CS account. Once you've done that, you need to log in to a CS machine. You've got two options: a) go to the maclab and use one of the linux machines (left side of the lab as you enter, often very empty), or log in remotely. You can find a list of available machines here: (cut and paste entire URL into browser.)

```
http://tools.cs.uchicago.edu/find_cs_hosts/search.cgi?
username=sterner&host=location&where=where+host.location+%3D+%22Reg
%22&verbose=1&submit=Submit&sort=host.fqdn&sort_prev=none&sort_rev=none
```

Note that you don't need to use the same machine, your files aren't actually stored on these machines.

Mac users can use the Terminal program to ssh (sECURE shELL) into these machines: open up Finder->Applications->Utilites, and you should see Terminal. From there, type in "ssh <username>@<machine name>", enter your password, and you're in.

Windows Users: you can use a number of programs for this, but I prefer PuTTY. It's free download available at <http://www.chiark.greenend.org.uk/~sgtatham/putty/download.html>. Enter a machine name and username/password, and you should be good to go.

2) A -Brief- Guide to Directory Structure

When you log in, you're automatically in your home directory, functionally equivalent to Windows' C:\Documents and Settings\<User>. -All- your files should go here. Feel free to take some time to explore the hard disk. You can use "cd" to change directories, and "ls" to list files in the directories. If you're lost and can't find your way back to your home directory, you can use this shortcut: "cd ~/". Incidentally, your home directory is often at "/home/<username>".

We are now using a special CGI Activity space at

`/stage/cgi-cmsc/yourAcct/public_html`

So you will need to `cd` to that directory.

3) Making Directories for your homeworks:

Go to this URL for instructions on the course schedule page:

<http://www.classes.cs.uchicago.edu/current/10100-1/html/hwks/hwk0Requirements.html>

Alternatively, you can do `"mkdir -m 755 cs101"`. The `"-m 755"` part of the `"mkdir"` command is a shortcut built in to the command to set the permissions of the directory upon creation. If you want to see what other options there are for a number of common commands, try typing `"man <command>"`. The "man pages" (short for manual) might be a bit daunting at first, but they're very comprehensive.

4) Uploading Your Work

You should be able to create all the necessary directories now. Mac users can use the instructions provided, and use Fugu or SCP to transfer files to a cs machine. Windows users can use WinSCP. See the separate handout on "How to Upload Files Help" on the Course Schedule web page.

The Course TA's and Lab Tutors will be happy to help with all this. Be sure to attend the Unix Minicourses for more help!

Good luck!