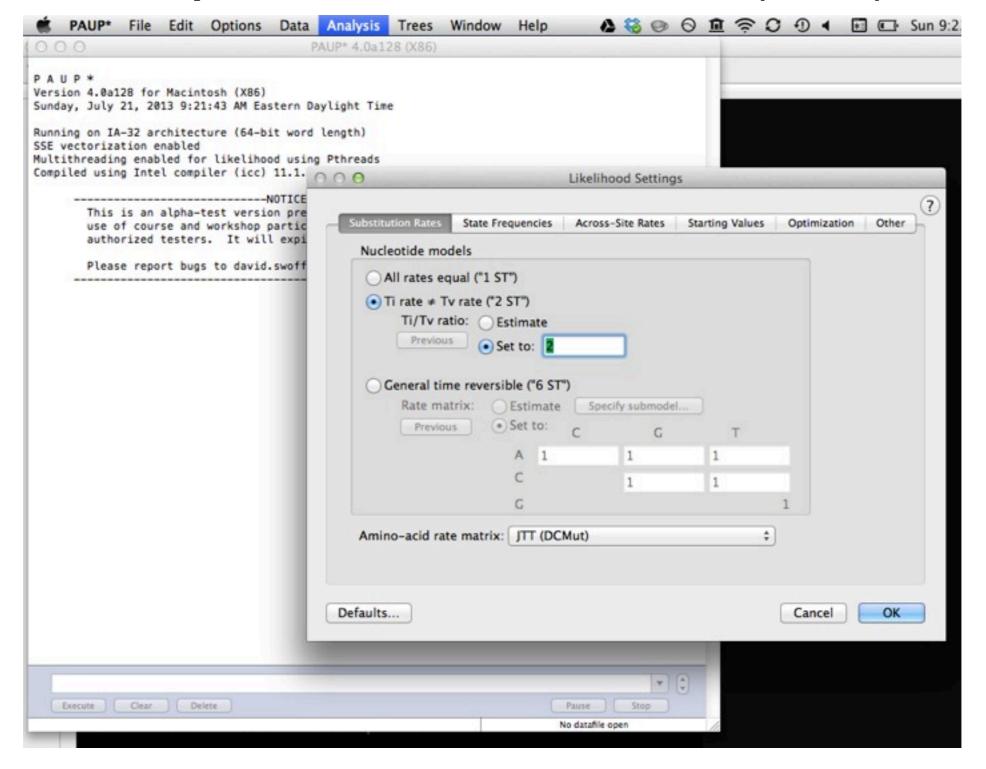
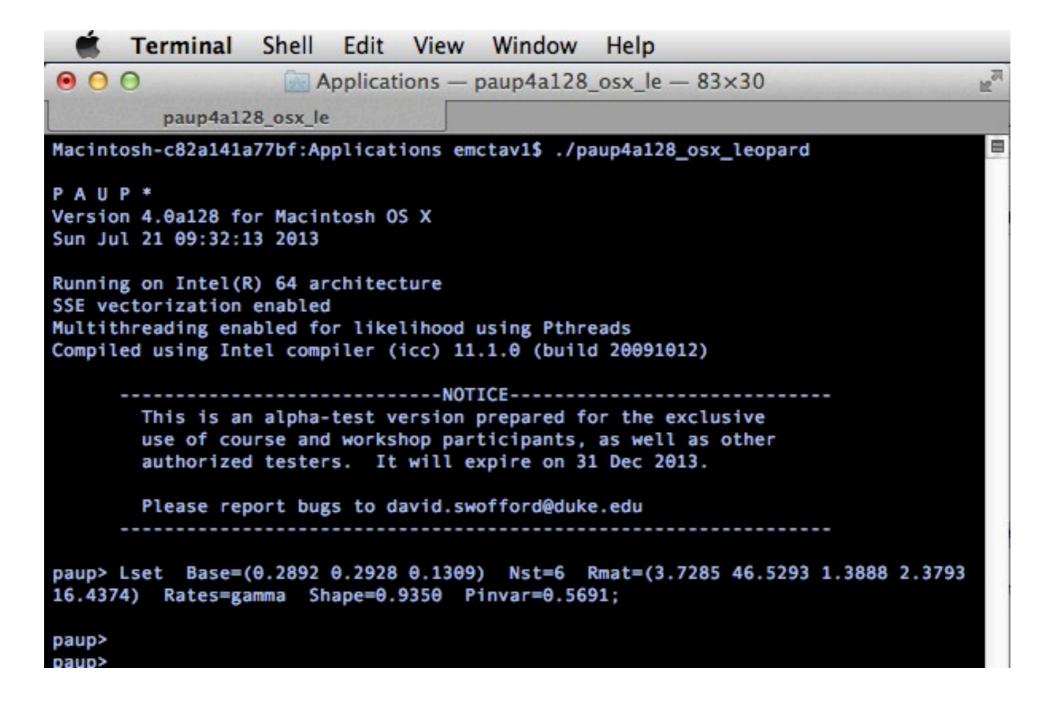
There are many ways to interact with your computer

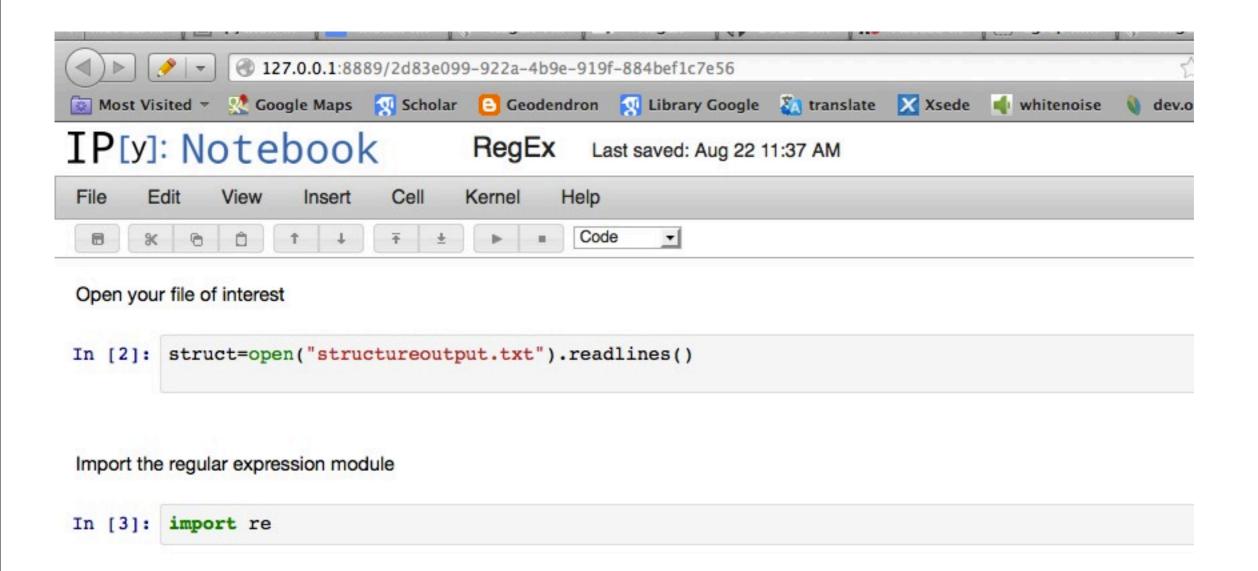


Graphical User Interface (GUI)



Command line

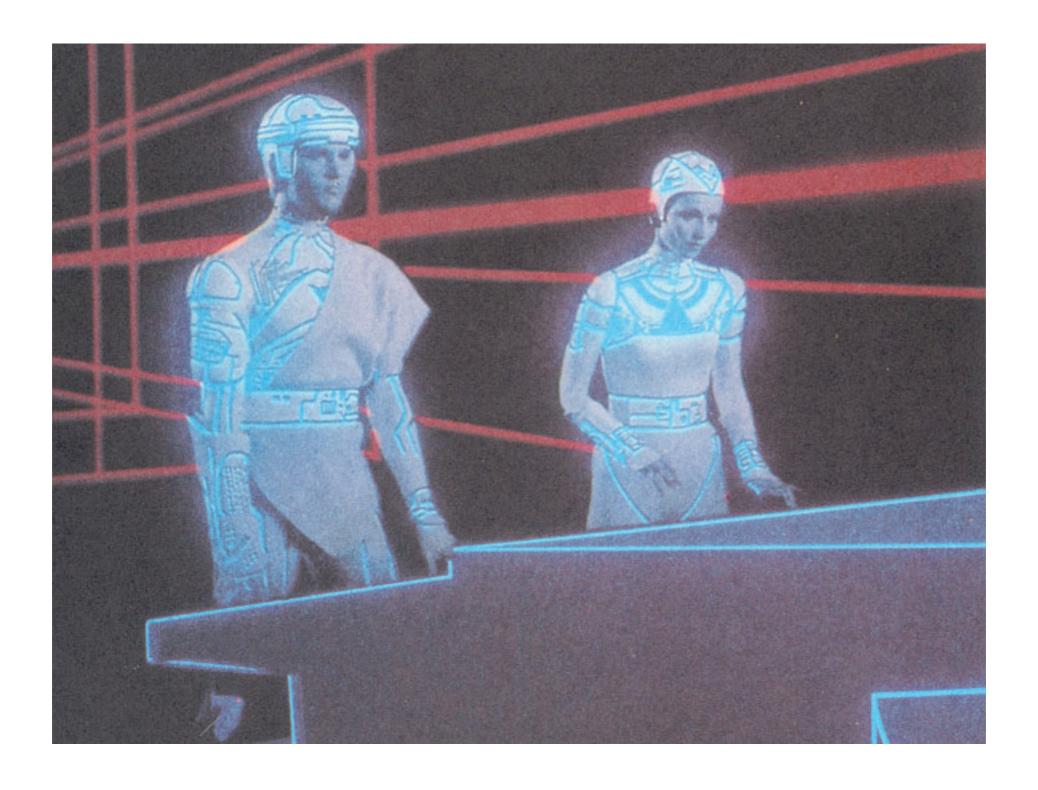




I like to take a look to make sure I opened the right thing

Advantages of command line

- Ease of repetition
- Batch processing
- Cluster computing
- Makes you a hacker.
- Sometimes you just have to!



Directory Structure

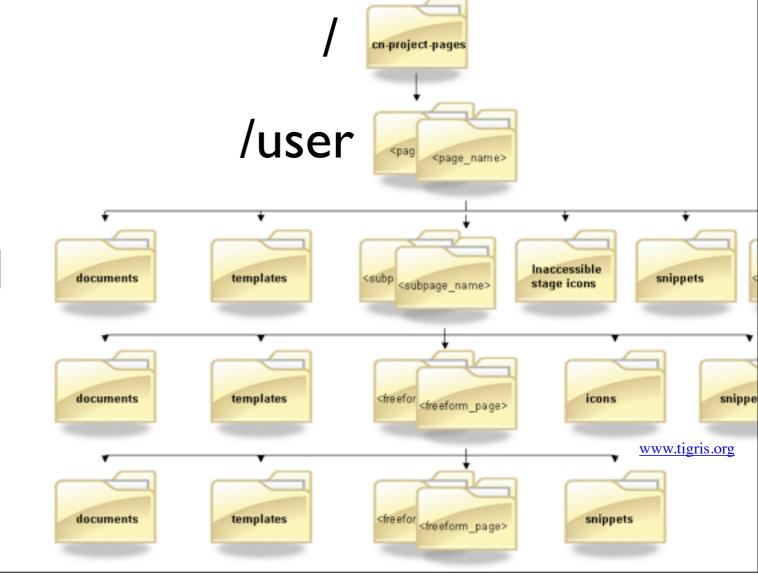
You should be in your home directory

Use pwd to show where you are.

This is your "working directory"

Directory Structure

cd to move around mkdir to make a new directory



/user/emctav l /user/emctav l/swc

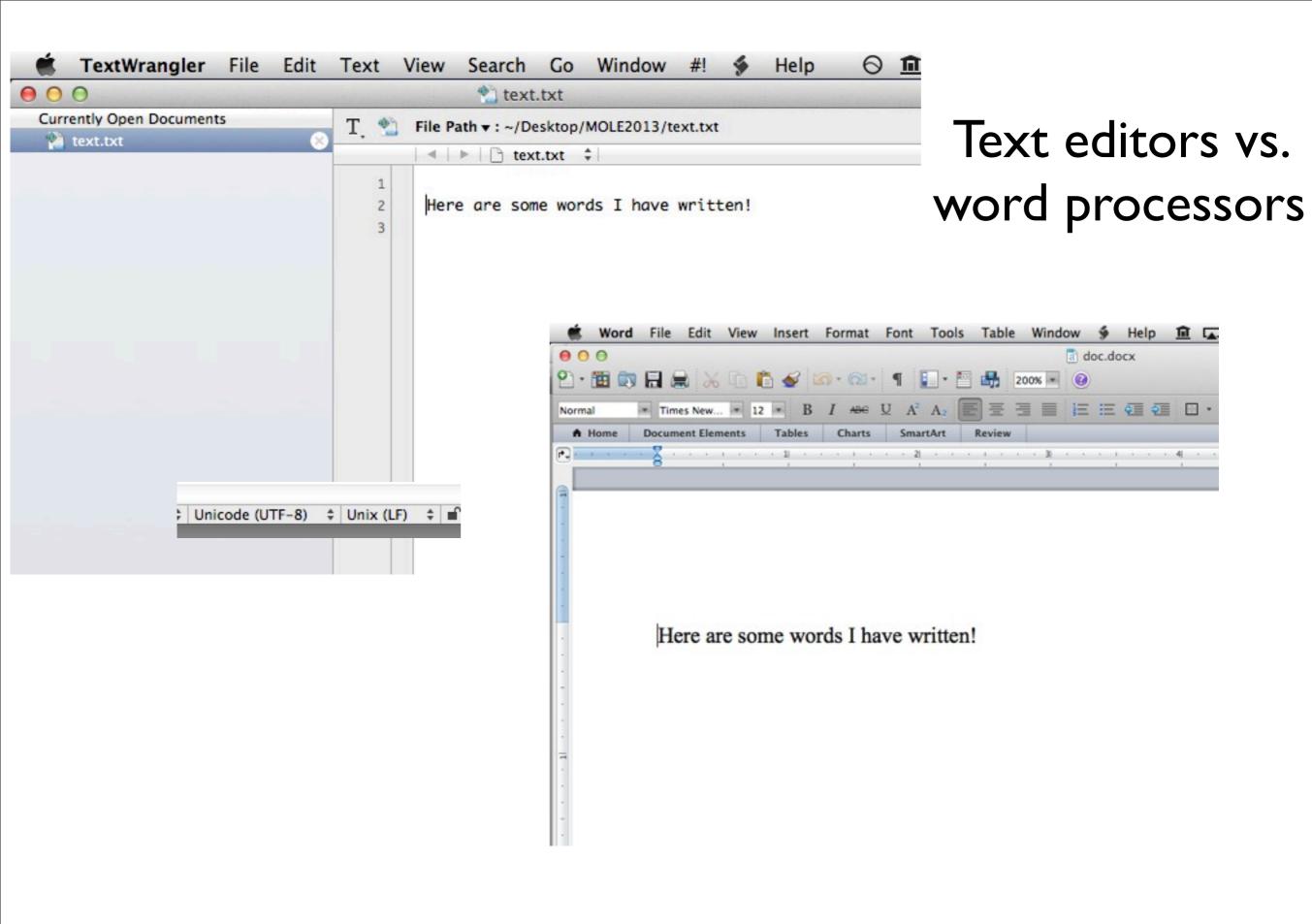
Directory Structure

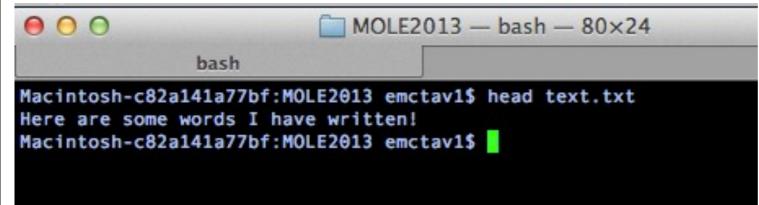
absolute paths start with '/'

relative paths are relative to your current working directory.

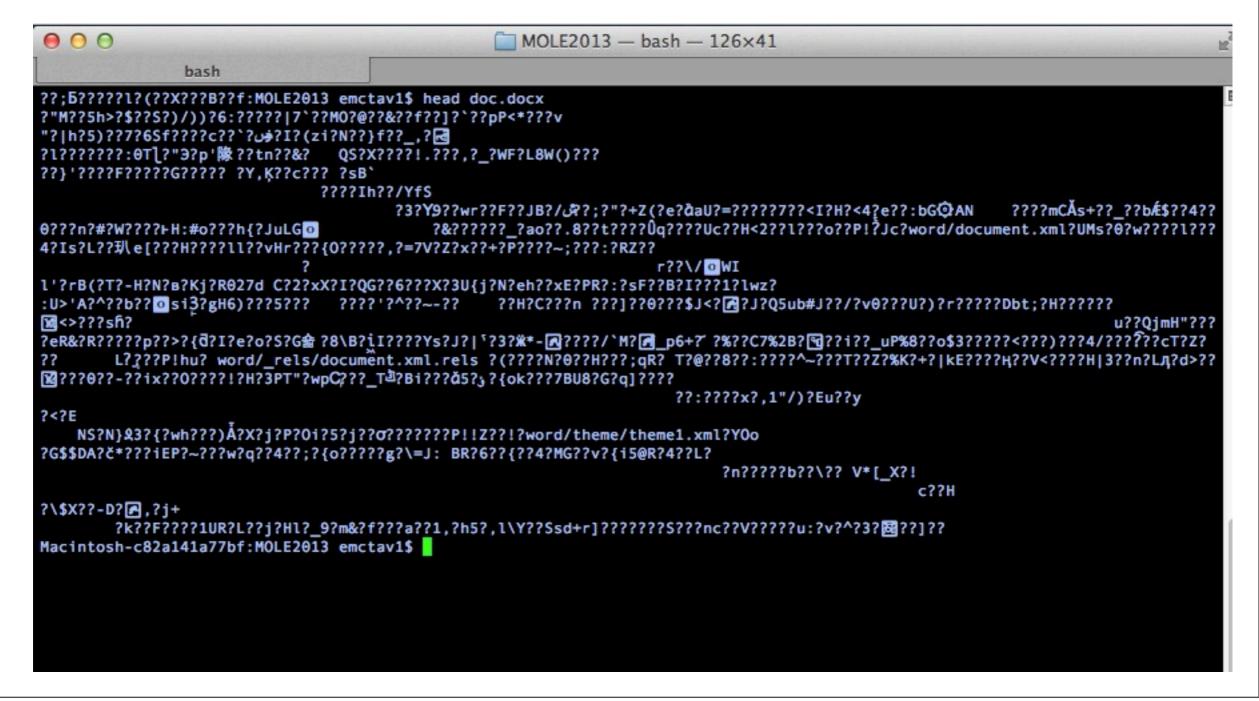
- . refers to the directory you are in
- .. is the directory above

Running programs: need to tell the computer where they are! (i.e /Applications/paup)





Text editors vs. word processors



The prompt

```
Macintosh-c82a141a77bf:MOLE2013 emctav1$

Macintosh-c82a141a77bf:MOLE2013 emctav1$ '
>
```

Ctrl-C

tab





Key commands

pwd head
ls cat
mkdir less
mv >

cp >>

cd

Mini Exercise!

- Make a directory
- Try navigating
- Make a file saying anything a text editor (text wrangler/notepad ++)
- look at it using head or less in command line
- Download the structureoutput.txt file