

# Linux: The Command Line

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- Street-Cred

# Quick tip for people on Laptops

## Windows

Download PuTTY <http://www.chiark.greenend.org.uk/~sgtatham/putty/download.html>

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## OS X

Open a terminal and use ssh.

# SSH into Lab computers: OS X

The following into a terminal session:

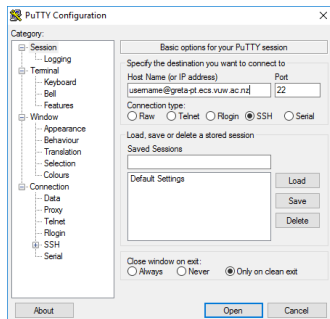
```
ssh bealjaco @greta-pt.ecs.vuw.ac.nz
```

Your ECS username



# SSH into Lab computers: Windows

Open up the `putty.exe` that you downloaded earlier



Then type in your password etc. . . to get into the shell of the University computers

# Quick Set-Up

Type the following in the command line just to set-up the example files, so we are all working with the same files:

```
git clone git@github.com:jb567/linux-guide.git
```

# Navigation: Changing Directory

The command to change directory is `cd`.

The syntax of this command is '`cd folder`'

## Example

```
cd terminal-tut-files
```

folder you want to navigate to

`cd` is a shortcut for `cd ~`

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## Misnavigation with /

if you use a folder and put a `/` before the foldername it goes to the *root* of your file system.

# Navigation: Where am I?

There are a few ways of knowing where you are:

- `greta-pt: [~]` is on the left hand side of your terminal.  
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## What is the `~` and root directory

The `~` directory is your 'home' directory.

This is typically your user folder.

The 'root' directory is the base folder in your file system.

Think of it like the `C:\` directory on Windows.

# File Manipulation: Move a File

So you can move around the file tree, now what about files?

## mv command

The `mv` command takes the arguments as follows:

`mv`      *source\_file*      *target\_location*  
File you want to move    Where you want to move it to

## Example

Examplej2-j