Class16: Unix Commands

Alice Lai (PID:A16799081)

Unix commands

- `pwd`: print working directory
- `cd`: change directory

    - `cd`: go to home directory

    - `cd ..`: jump back to the previous directory

- `ls`: list files and directories
- `mkdir`: make a new directory
- `~`: shortcut for home directory
- `cp`: copy a file or directory to somewhere else
- `mv`: move a file or directory (basically rename)
- `rm`: remove a file or directory (be careful when using this command!)

    - `rm -r`: remove a directory

- `nano textname.txt`: open and edit a txt file
- `ssh`: connect to remote computer
- `scp`: secure copy between computers
- `gunzip`: file decompression (unzip)
- `gzip`: file compression (zip)
- `*.xx`: everything ending with xx
- `less/head/tail`
- `grep "xx"`: search for xx in each file

- – `grep -c "xx"`: count the instances of xx in each file

- `man xx`: pull up the manual for command xx

- `^C`: stop and exit the command

Key pair

ssh -i "~/Downloads/bimm143_alice.pem" ubuntu@ec2-18-237-64-178.us-west-2.compute.amazonaws.com

scp -i "~/Downloads/bimm143_alice.pem" ubuntu@ec2-18-237-64-178.us-west-2.compute.amazonaws.com:~/wo
local_resultsfile