# Linux Basics

MKDIR -P Z/Y/X

To create tree structure directory at one shot

rm -r <directory>

to delete directory

rm <filename>

to delete filename

touch <filename>

to create an empty file

nano <filename>

to create file with an editor, cntrl+x and y to save changes

cp <existing filename> <to filename>

to copy a file

cp<existing filename> <directory>

copy a file into directory

cp -r <src folder> <tgt folder>

copy a directory to another directory

mv <existing filename> <new filename>

to rename the file

mv <filename> <directory>

move a file into a directory

rm <filename>

remove a file

more <filename>

to read huge file

head -<no. of lines> filename

read top lines

tail -<no. of lines> filename

read bottom lines

find . -name ‘findstring’

find a file in the directory

grep ‘find word’ <filename>

grep -i ‘find word’ <filename>

case insensitive search

grep -r ‘find word’ <directory>

find in all sub directory

wc -l <filename>

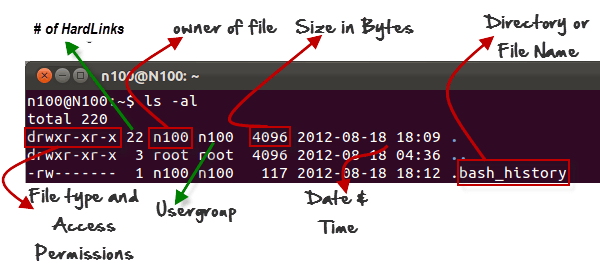
find the no. of lines in the file

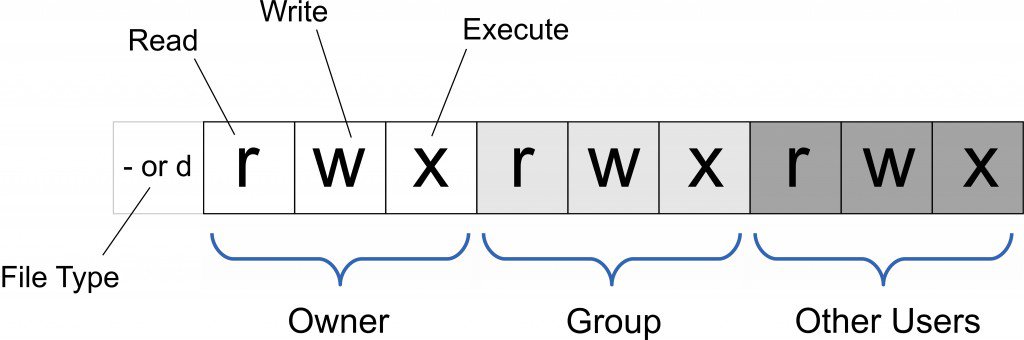
wc <filename>

lines, word, character

ls -la <filename/dir>

permissions

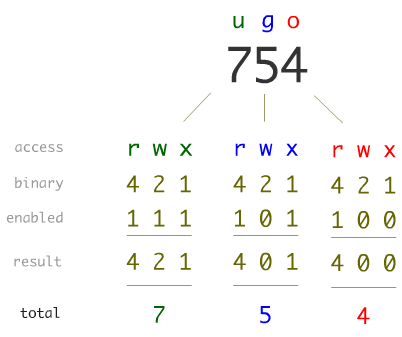




chmod u+x <filename>

chmod u-w <filename>

u (user), g (group), o(others); r (read), w(write), x (execute)



Ps aux

To list all process running

Top

It is list all process continuously

Kill -s KILL <pid>

Want to run command in background

<command> &

Put & at end

Jobs

List the jobs running

fg %<jobid>

to bring job in foreground

nohup

run the command in background even if the session is closed