

MATT'S BASIC LINUX COMMANDS

HELP

man command

apropos command

FILE NAVIGATION

ls -l List files - Long form

ls -a List all files including hidden

pwd Present working directory

cd Change directory

FILES & DIRECTORIES

mkdir -p Create directory & Parent

touch Create a new file

cat View file contents

tac Reverse file contents

rm -r Remove a files Recursively

mv -r Move/Rename Recursively

cp -r Copy directory

find Search for file or directory

COMPRESS & EXTRACT

tar cf dir.tar dir Create archive

tar cfz dir.tar dir Create a gzip tar

gzip file-name Gzip file

gunzip file.gz Gunzip file

tar xf file-name /dir Extract tar to /directory

FILE PERMISSIONS & OWNERSHIP

chmod Change file permissions to execute

chown Change file owner

chgrp Change file grouping

chown root /u Change owner of /u to "root"

chmod +x file Make file executable

USER MANAGEMENT

useradd Adding new user

adduser High level Adding new user

deluser Delete user account

usermod Modify user account

groupadd Create new group

delgroup Delete group

SYSTEM RESOURCE MANAGEMENT

free -m Show memory in use

top List processes

htop A better version of top

nice Start a process with priority

renice Change 'nice' value

kill -9 Terminate process

echo \$VAR Display variable

HARDWARE INFORMATION

lspci List pci info

cat /proc/meminfo See RAM info

lshw List hardware info

lshw -C memory -short Detect RAM info

hwinfo List hardware

lsusb List USB devices

lsmod Find modules loaded

reboot Reboot the system

poweroff -now Shut down