

# Linux Commands

This is a custom Linux cheat cheat poster with a few of the most used command.



## Files & Navigation

- ☐ ls - directory listing
- ☐ la-l - formatted listing
- ☐ cd dir - change directory
- ☐ cd../dir - change to parent dir
- ☐ cd - returns to home dir
- ☐ pwd - current dir
- ☐ mkdir dir - creates a dir
- ☐ rm file - deletes file
- ☐ rm -f dir - removes dir
- ☐ rm -r delete dir
- ☐ cp file 1 file2 - copy 1 to 2
- ☐ mv file1 file2 - move 1 to dir as 2
- ☐ touch file - updates Or Create file
- ☐ cat file - displays content of file
- ☐ cat > file - writes input to file
- ☐ cat >> file - append input to file

- ☐ tail -f file - outputs content as it grows

## System Info

- ☐ uptime - shows current uptime
- ☐ date - shows date and time
- ☐ who am I - shows login status
- ☐ w - who is online
- ☐ cat /proc/cpuinfo - CPU info
- ☐ cat /proc/meminfo - memory info
- ☐ free - memory and swap usage
- ☐ du - directory space usage
- ☐ du-sh - readable size in GB
- ☐ df - disk usage
- ☐ uname-a - kernel co fig

## Permissions

- ☐ chmod octal file - change permissions of file
- ☐ 4 -read (r)
- ☐ 2 - write (w)
- ☐ 1 - execute (x)
- ☐ order - owner/group/world
- ☐ chmod 777 - rwx everyone
- ☐ chmod 755 - rw for owner, rx for world

## Processes

- ☐ ps - current active process
- ☐ ps aux - detailed outputs
- ☐ kill pids - kills process with id
- ☐ kill all proc - kills all process
- ☐ named proc

## Networking

- ☐ whois domain - get whois for domain
- ☐ ping host - pings host
- ☐ dig domain - gets DNS for domain
- ☐ dig -x host - reverse lookup host
- ☐ wget file - download file
- ☐ wget -c file - continue stopped download
- ☐ ssh user@host - connects as host
- ☐ ssh -p port user@host - connects using port
- ☐ ssh -D user@host - connects & binds port

## Compressing

- ☐ tar cf file.tar files - change file to file.tar
- ☐ tar xf file.tar - untar in current dir
- ☐ tar tf file.tar - shows archive contents

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