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 filel 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 loggin 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 - reserve 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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