

Linux kernel

- translates software commands into hardware specific requests

Linux Desktops

- envs are modular, can mix and match

Linux Shell

- program that takes commands from the keyboard and gives them to the kernel to execute

Bourne again shell (BASH)

- acts as the shell program within the CLI

Terminal Emulators

- give access to shell session

CMDS

- LS - list, shows files & directories
- CD - change directory
- MV - move file from one folder to other
- man - manual, shows info about cmd and used
- mkdir - make new folder / directory
- rmdir - remove directory
- touch - make new file, add name after
- rm - remove files and directories
- locate - find file
- clear - clear screen

Package

- compressed file archive containing all of the files that come with a particular application
- prerequisites, referred to as dependencies
- .deb - Debian, Debian derived distros
- .rpm - Red-hat, Fedora, open Suse distros
- .tgz - "universal" linux format

Several GUI options in Linux

- unity
- KDE
- Gnome
- XCFE

package managers

- Apt
- Yum
- pacman
- Dnf