

Linux Kernel

- translates software commands into hardware specific requests

Linux Desktops

- GUIs 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

CMS

- ls - list, shows files & directories
- cd - change directory
- mv - move file from one folder to other
- man - manual, shows info about command
- mkdir - make new folder / directory
- rmdir - remove directory
- touch - create 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, Ubuntu derived distros
- .rpm - Red Hat, Fedora, openSUSE distros
- .tgz - "universal" Linux format

Several GUI options in Linux

- Unity

- KDE

- Gnome

- Xfce

package managers

- Apt

- Yum

- pacman

- Dnf