

Ubuntu Linux



Outlines

- Quick revision
 - Shell, Terminal
 - File system of Linux
 - Home and Root directories
 - Commands
 - Help
 - Text Editors
 - GUI applications
 - How to install packages
-
-

Revision

(What's Linux ? (GNU + Linux = Distribution -

Distributions (RedHat, Novel, Centos, Ubuntu -
(and Debian

CLI : Transfer Data between servers and clients -

.GUI : Image or video editing

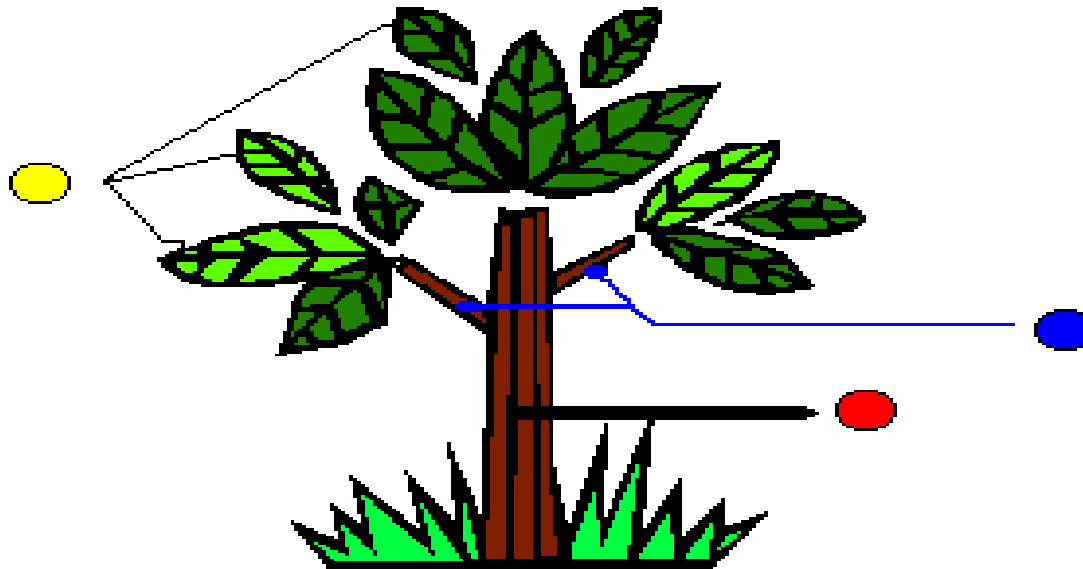
Shell & Terminal

Shell : It's an interface between the kernel and the
. GUI

Terminal : is a software program used to
(communicate with the shell.(CLI

File system of Linux

- Files
- Subdirectories (branches of Tree)
- Root



Linux File System is just like a tree

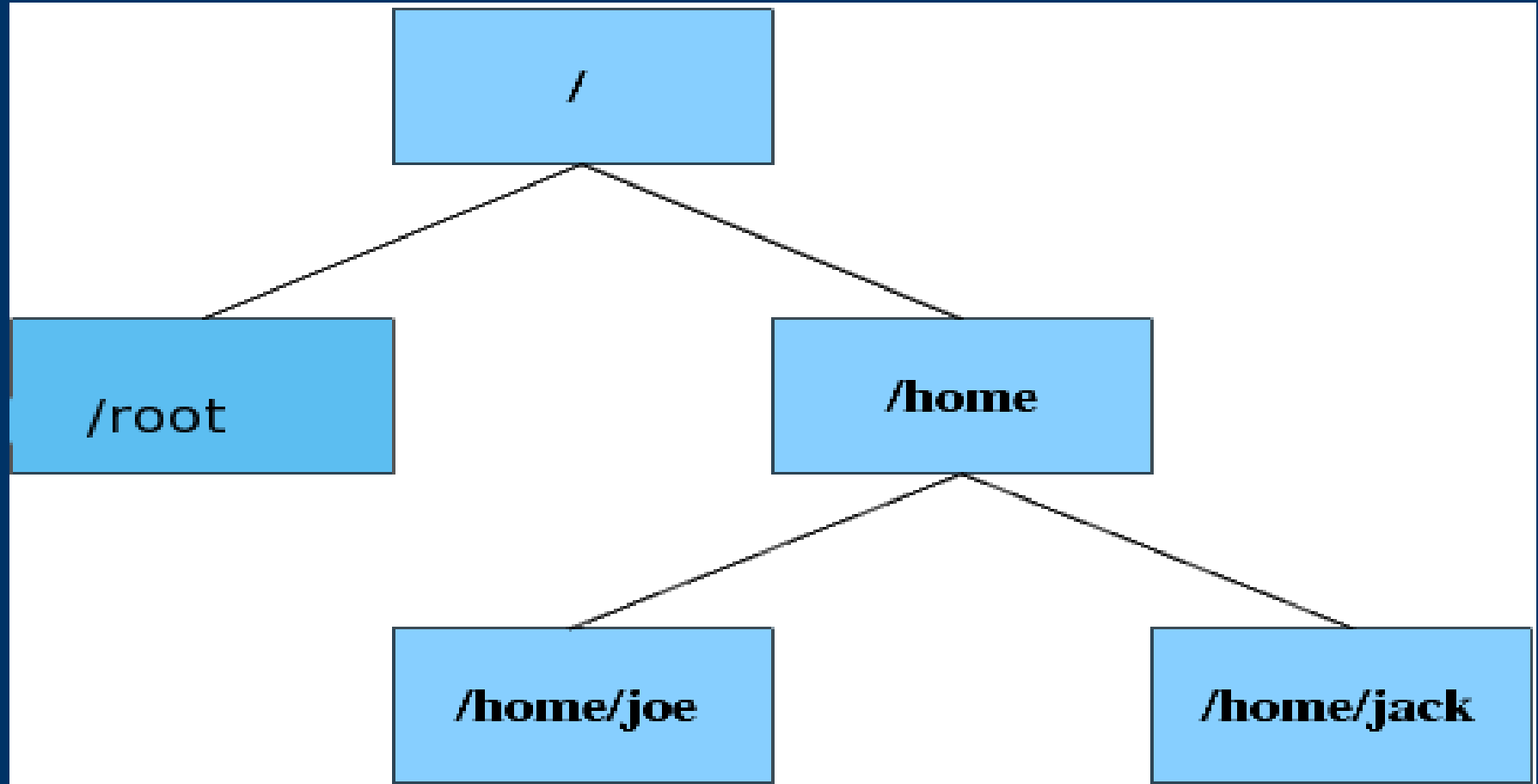
Root & Home Directories

- Each user has Home Directory.
- Home is made for daily work.
- Root Directory is the Home for Root user.

Note:

/ is assigned for the root

(.Root & Home Directories (cont



Commands

- The terminal :

```
[root@localhost ~]#
```

root : the current user.

Localhost : your PC.

~ : Tilde (current directory is the Home directory)

: root

\$: user

Listing files

```
[root@localhost ~]# ls
```

Note:

Linux is case-sensitive

Print working directory

```
root@localhost ~]# pwd]
```

Change directory

```
root@localhost ~]# cd]
```

```
.. root@localhost ~]# cd]
```

```
~ root@localhost Desktop]# cd]
```

```
root@localhost ~]# cd ~/Desktop]
```

Create file

```
root@localhost Desktop]# touch new.txt]
```

Create Directory

```
root@localhost Desktop]# mkdir newdir]
```

Move

```
~ root@localhost Desktop]# mv newdir]
```

Rename

```
root@localhost Desktop]# mv new.txt file.txt]
```

Copy

```
root@localhost Desktop]# cp new.txt new1.txt]
```

Remove

```
root@localhost Desktop]# rm new.txt]
```

```
root@localhost Desktop]# rmdir newdir]
```

```
root@localhost Desktop]# rm -rf new1.txt]
```

Searching files

1- Find

```
root@localhost Desktop]# find ~ -name fuser -print]
```

```
root@localhost Desktop]# find ~ -name '*.txt' -print]
```

Locate -2

```
'root@localhost Desktop]# locate '* .jpg]
```

:Note

find give you error messages due to permissions



Text editor

vi -1

emacs -2

