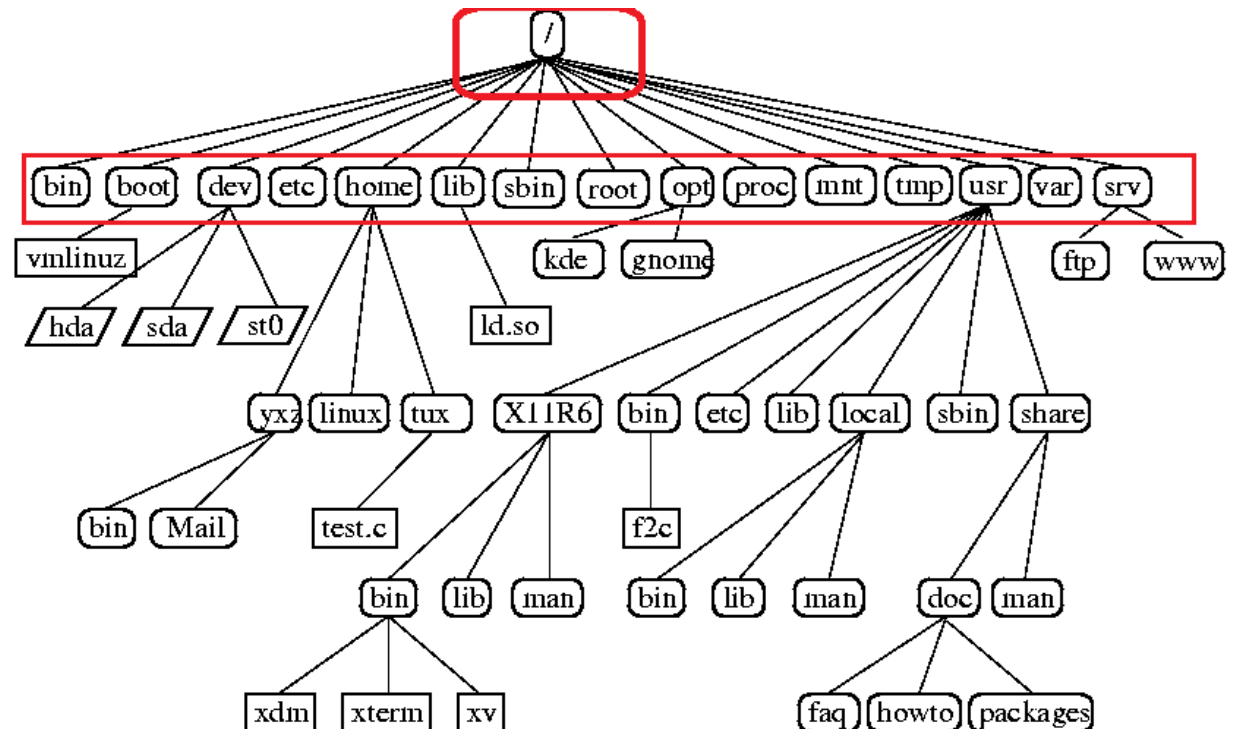




10-24-2020

<https://youtu.be/G6DDJPAjnr0>

Directory Structure



```
[root@localhost /]# ls -l
total 16
lrwxrwxrwx. 1 root root 7 Oct 4 15:44 bin -> usr/bin
dr-xr-xr-x. 5 root root 4096 Oct 4 16:07 boot
drwxr-xr-x. 20 root root 3160 Oct 23 19:51 dev
drwxr-xr-x. 75 root root 8192 Oct 23 19:51 etc
drwxr-xr-x. 2 root root 6 Apr 11 2018 home
lrwxrwxrwx. 1 root root 7 Oct 4 15:44 lib -> usr/lib
lrwxrwxrwx. 1 root root 9 Oct 4 15:44 lib64 -> usr/lib64
drwxr-xr-x. 2 root root 6 Apr 11 2018 media
drwxr-xr-x. 2 root root 19 Oct 18 15:25 mnt
drwxr-xr-x. 2 root root 6 Apr 11 2018 opt
dr-xr-xr-x. 110 root root 0 Oct 23 19:51 proc
dr-xr-x---. 3 root root 98 Oct 24 16:18 root
```



```
drwxr-xr-x. 24 root root 760 Oct 23 19:51 run
lrwxrwxrwx. 1 root root 8 Oct 4 15:44 sbin -> usr/sbin
drwxr-xr-x. 2 root root 6 Apr 11 2018 srv
dr-xr-xr-x. 13 root root 0 Oct 23 19:50 sys
drwxrwxrwt. 8 root root 185 Oct 24 03:55 tmp
drwxr-xr-x. 13 root root 155 Oct 4 15:44 usr
drwxr-xr-x. 19 root root 267 Oct 4 16:08 var
```

/

- this is root directory
- it is top most directory

/bin

- it contains all the binary user commands

/boot

- it contains system bootable files

/dev

- it contains all the attached devices information

/etc

- it contains all the **configuration** files
- short etc

/home

- this is the home directory for the regular users
- example: /home/zafar

/lib /lib64

- it contains system library files shared by applications

/media

- unused

/mnt

- usually empty
- but used for mountin CD drives, hard drives etc.,



/opt
<ul style="list-style-type: none">- its contain third party application/ software files- examle, Orcale DB, SAP, Postfres DB etc.,
/proc
<ul style="list-style-type: none">- it contains the active memory information [system processes, etc]
/root
<ul style="list-style-type: none">- root user home directory
/run
<ul style="list-style-type: none">- unused
/sbin
<ul style="list-style-type: none">- it contains root user commands
/sys
<ul style="list-style-type: none">- unused
/tmp
<ul style="list-style-type: none">- this is used to keep temporary files- regular user has access to this directory
/var
<ul style="list-style-type: none">- it contains system logs and logs generated by any installed software
/usr
<ul style="list-style-type: none">- its contains the backup of some fo the sysem files and olders containing optional commands