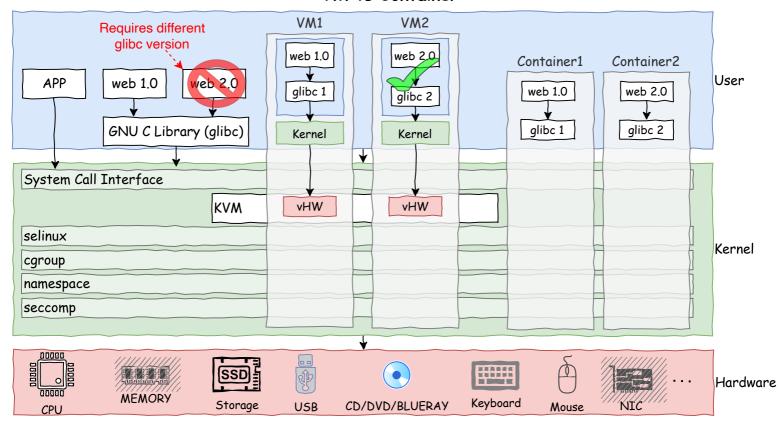
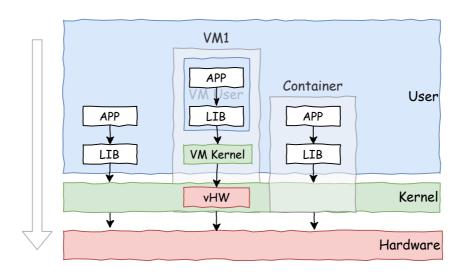
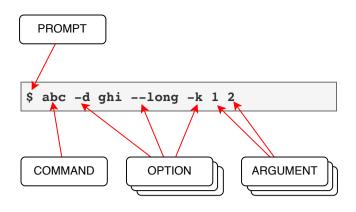
VM vs Container

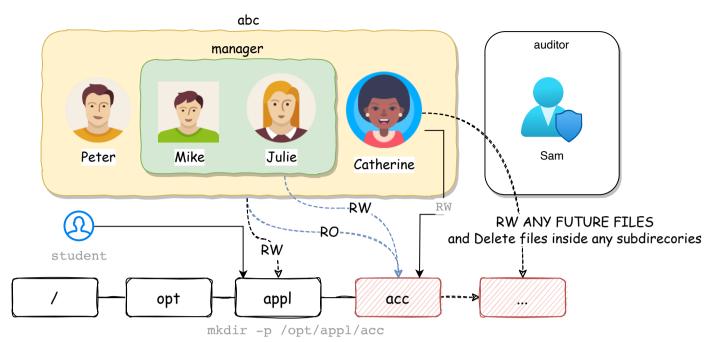






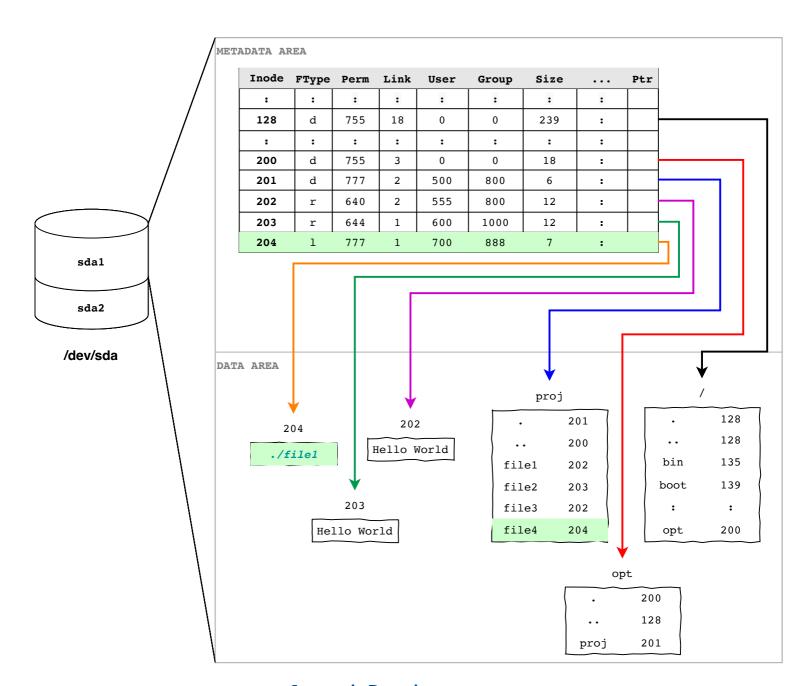
Default separator: **SPACE**Default command separator: **semi-colon(;)**

- Sets the behaviour of the command
- Case Sensitive
- Can start with
 - Single dash (-)
 - represented by 1 character
 - can be joined. eg -abc
 - Double dash (--)
 - represented by 1 word



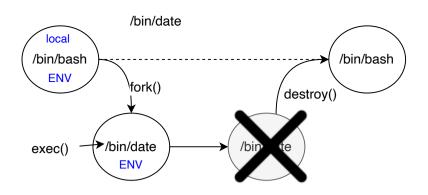
```
getfacl <PATH>
setfacl -m [d:]u|g:<USER>|<GROUP>:<PERM> <PATH>
```

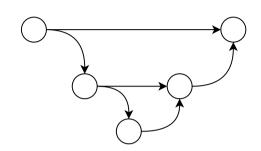
```
# chown -R student.abc /opt/appl
# chmod ug=rwx,o= /opt/appl ---> chmod 770 /opt/appl
# chmod u=rwx,g=rx,o= /opt/appl/acc ---> chmod 750 /opt/appl/acc
# setfacl -m g:manager:rwx /opt/appl/acc
# setfacl -m d:u:catherine:rwX /opt/appl/acc
# setfacl -m u:catherine:rwx /opt/appl/acc
# setfacl -m u:catherine:rwx /opt/appl/acc
# ...
```

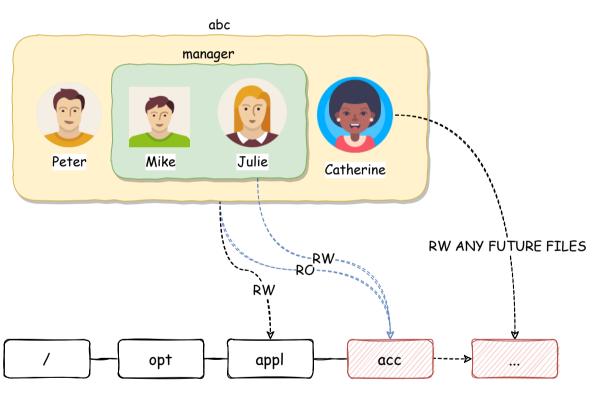


Commands Issued

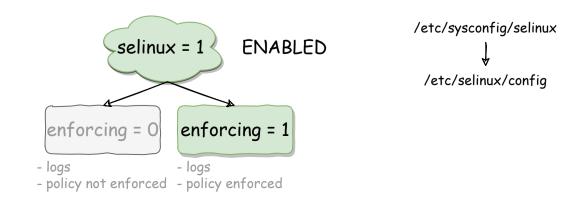
- 1. echo Hello World > /opt/proj/file1
- 2. cp file1 file2
- 3. ln file1 file3
- 4. ln -s ./file1 file4

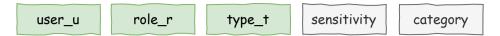


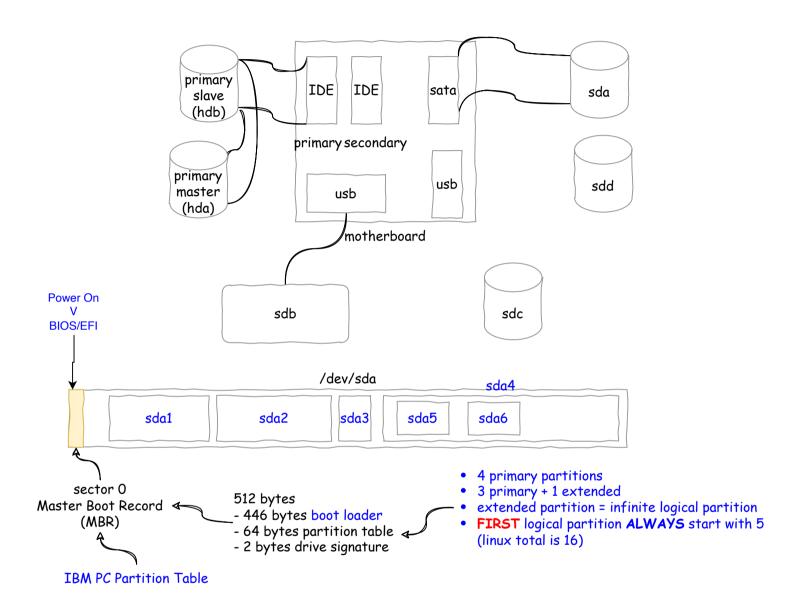




setfacl -m [d:]u|g:<user>|<group>:<perm> <PATH>







- 1. A Block Device (BD) can be a partition, whole disk, usb disk/thumb drive, cd/dvd, sw/hw RAID, logical volume, floppy, OR a regular file.
- 2. We can format a BD with a filesystem (FS) in order to use it. Eg FS = xfs, ext2/3/4, FAT, reiserfs, VxFS, UFS, JFS, HPFS, NTFS, ISO9660, etc.
- 3. In order to use a FS, we mount it onto a Mount Point (directory).

/etc/fstab

<DEVICE> <MNT_PT> <FSTYPE> <FSOPTS> <DUMP> <FSCK>

Logical Volume Manager (LVM)

