

Sunbeam Institute of Information Technology Pune and Karad

Module - Concepts of Operating System

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User Interfacing

- -user interfacing is provided by implementing one program which is called as "shell"
- shell is intermediate between end user & operating system
- shell is a command interpreter

result 18 cmd 18 shell

result 18 cmd 18

processed 05

-in Vbuntu default shell is <u>bash'</u>
BASH - Bourne Again Shell
cho & SHELL - will show default shell
cheh - to change default shell

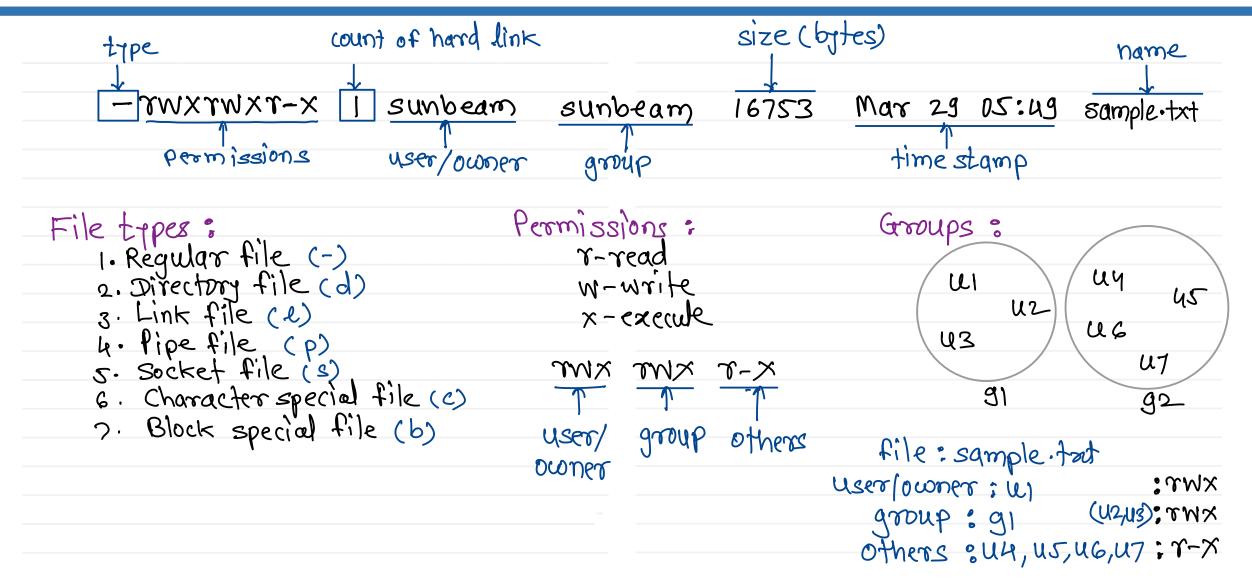
Windows - cmd·exe, powershell·exe Linux - bsh(sh), bash, csh, ksh, zsh

GNU Network Object Model Env)





File - types, permissions, groups





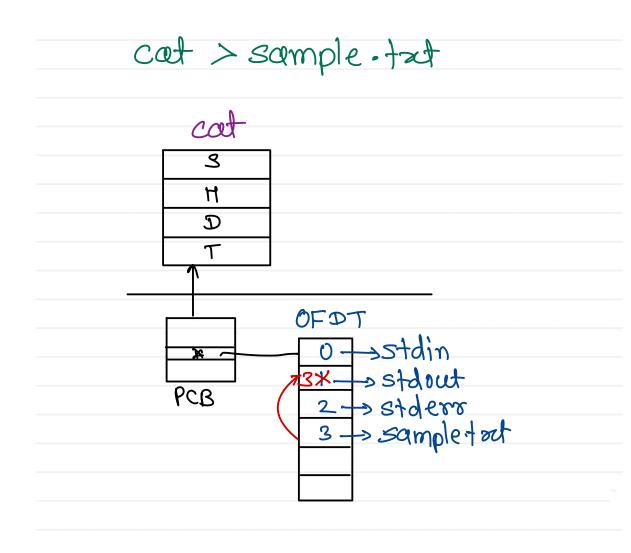
chmod command

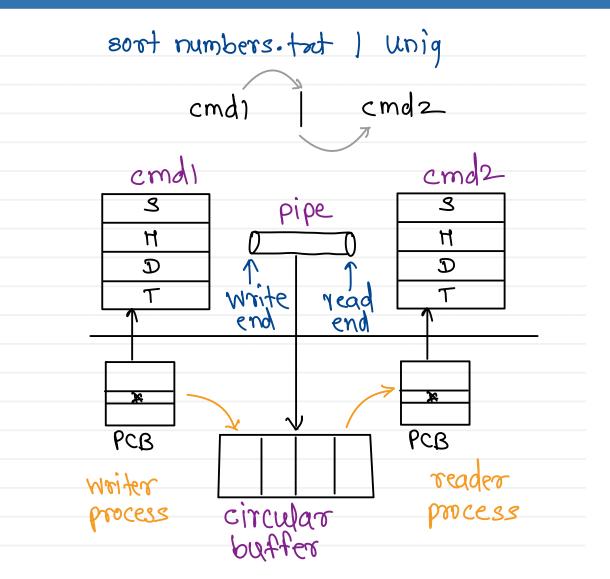
```
chmod ± r/w/x file Name
r-read, w-write, x-execute
       + : add
        - : remove
   chmod + T sample + text
  chmod u/g/o + T/W/x fileName
       u- user/owner
        9 - group
o - other
  Chmod u-r sample. tack
  chmod g+W sample.txt
```

```
human formed: TWX TWX T-X
Numeric format: 111 111 101 (775)
Existing permissions: TW- TW- T-
  add execute to user & remove write from group
New permissions: TWX T-- T--
                    (744)
       chmod 744 sample.txt
       Chmod mode file Name
```

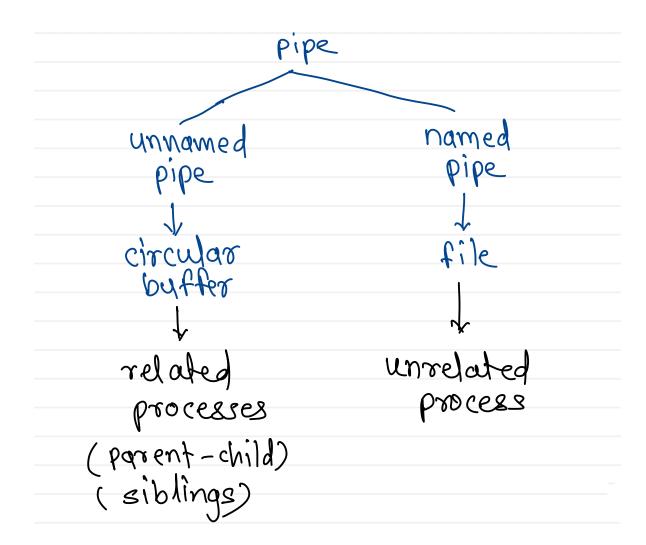


Redirection and Pipe











Thank you!!!

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