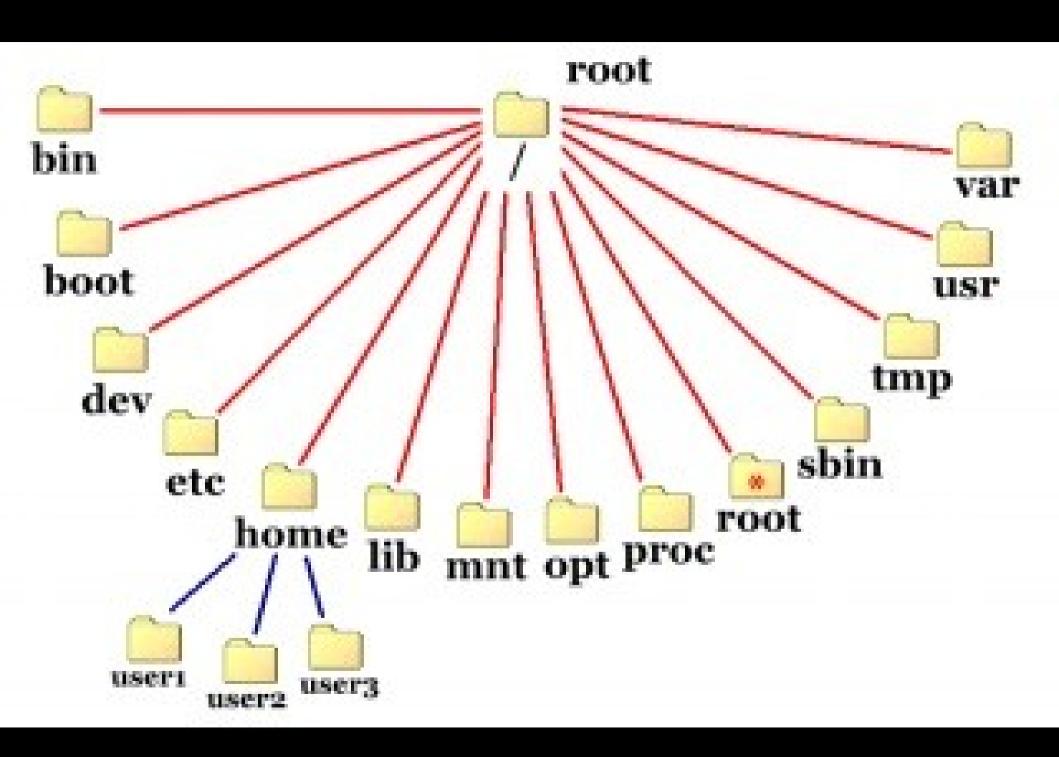


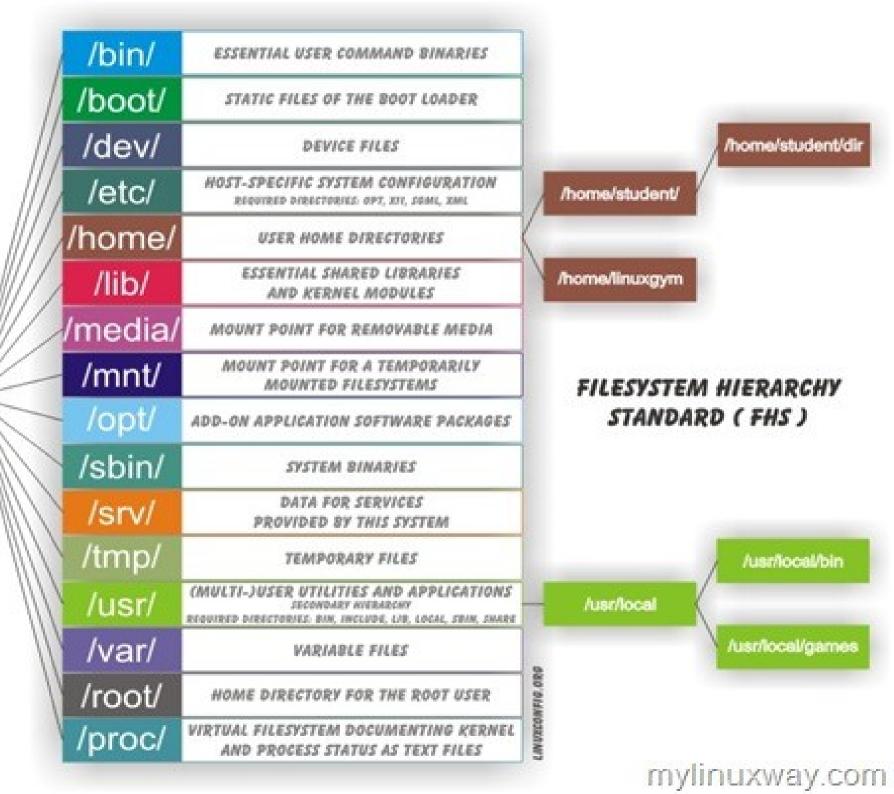
This slides for every one who want to learn Linux in our Arab World and the whole World..

Thanks for every one who sharing us his experience and help us to learn linux ...

Inux File System







ROOT DIRECTORY
OF THE ENTIRE
FILE SYSTEM
HIERARCHY

PRIMARY AVERABOUT



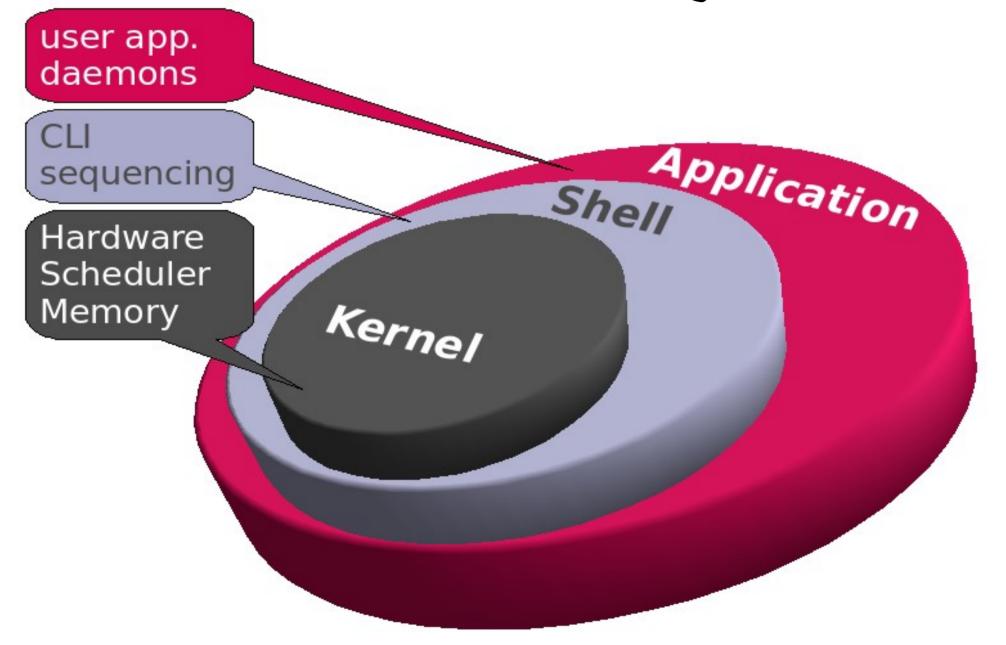
1. Open terminal:

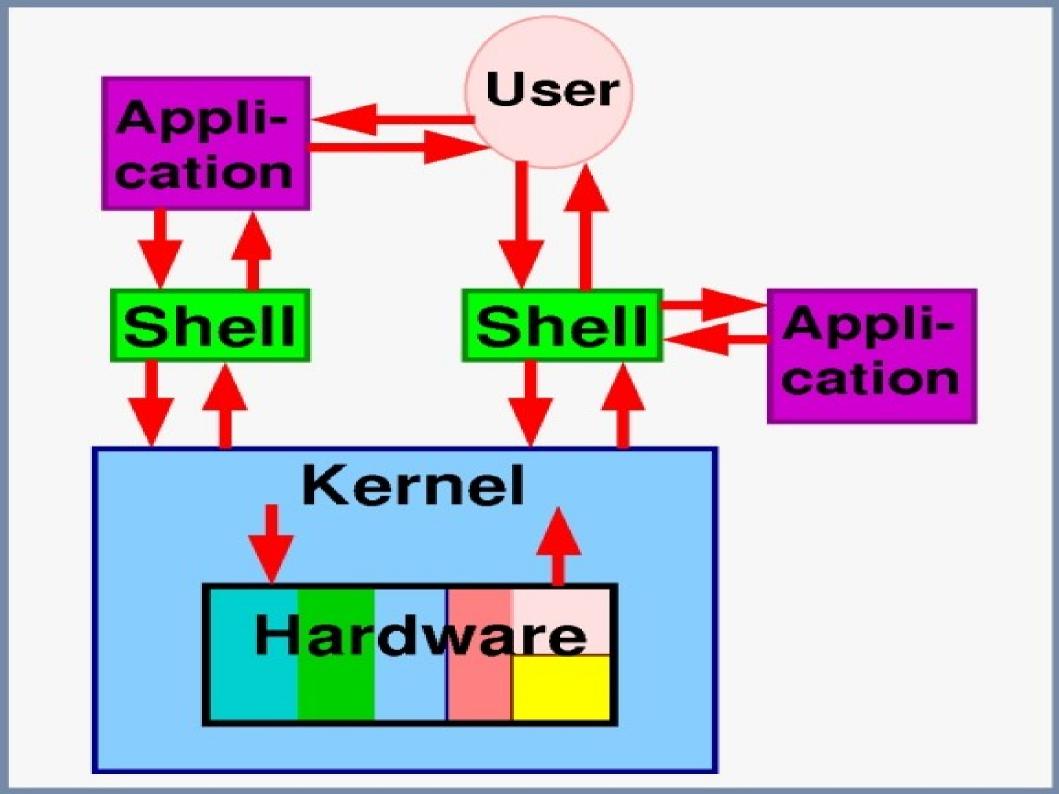


2. Type:

man hier

How Linux is Organized??!





Cli: Command Line interface..

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1. Open terminal:



2. Type:

cat /etc/shells

International Shell Shell Shell

*What is MyShell:

\$ echo \$SHELL

* Change Shell:

\$ chsh



\$ command -options parameter





user @ computer-name:~ \$





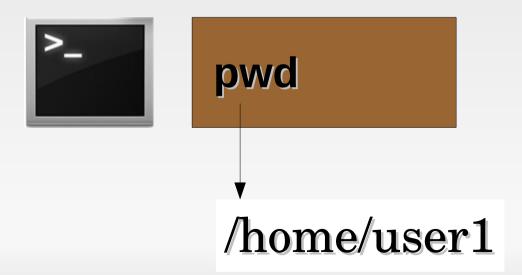
whoami hostname

usercomputer-name



user @ computer-name:~ \$

User Home Folder



ubuntu

Magic command

Sudo: Super User Do



sudo su



sudo -i



MAKE ME A SANDWICH.

WHAT? MAKE IT YOUR SELF.

SUDO MAKE ME A SANDWICH.





Switch user: su



su user-name

Change user password



passwd

Users logs

-Who logged in: \$ Who or w

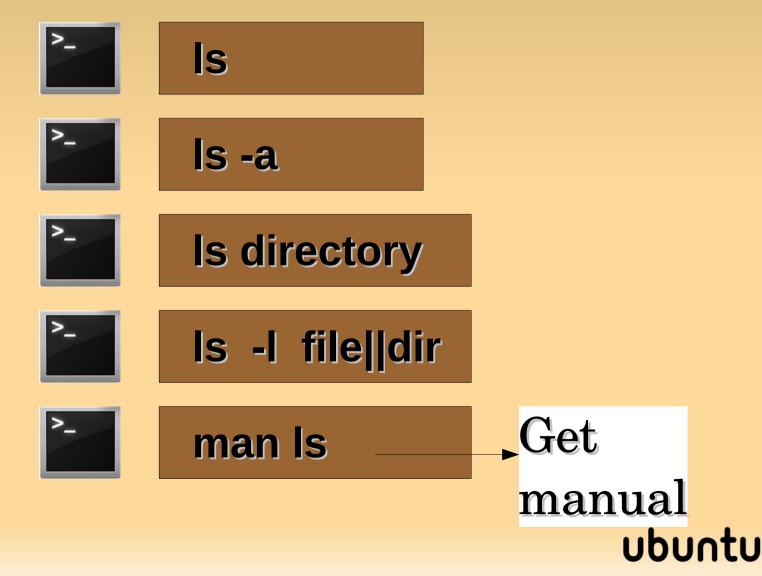
-Last Sessions: \$ last



Change Directory: cd



List Files: Is



Create Directory: mkdir



Remove Directory: rmdir



rmdir UBUNTU

Create File



Read File



cat path/file-name

Remove File



rm path/file-name

You can also do stuff like rm b* with the asterisk. For removing a collections of files started with litter b.



Reading Files



head -# file-name



tail -# file-name



less path/file-name



more path/file-name



gedit path/file-name

Text Search: grep

g/re/p (global / regular expression / print).



grep -i pattern file-name

ignore case



grep -v pattern file-name

all except patt



grep -w pattern file-name as 1 word

*.txt

/directory



Continued....

- whereis Is: Display information about the location of a command
- which Is: Display which version of a command will execute.
- pwd: print working directory



Try...

- Try
 man –f Is
 whatis Is
- Try
 man –k ls
 apropos ls

Reboot



sudo reboot



ShutDown



sudo shutdown time



sudo shutdown -r NOW



sudo shutdown -c time

Copy Paste: cp



cp <file1> <file2> <dest>



cp -r dir/* new-directory

Move + Rename: mv



mv path/file new-path/new-name



mv -r dir/* new-directory



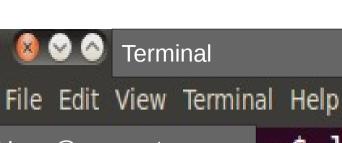


Terminal

File Edit View Terminal Help

User @ computer-name: ~ \$ mkdir UBUNTU

User @ computer-name : ~\$

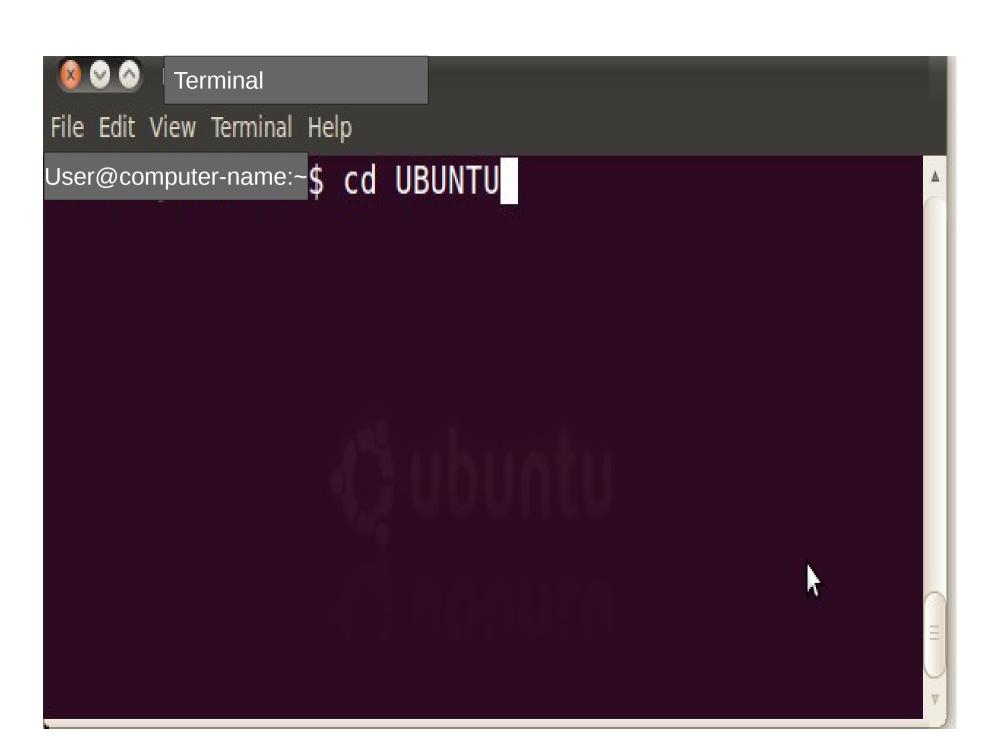


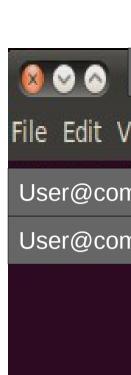
User @ computer-name -- \$ ls

Desktop examples.desktop
Documents Music
Downloads Pictures

User @ computer-name : ~\$

Public Videos Templates UBUNTU



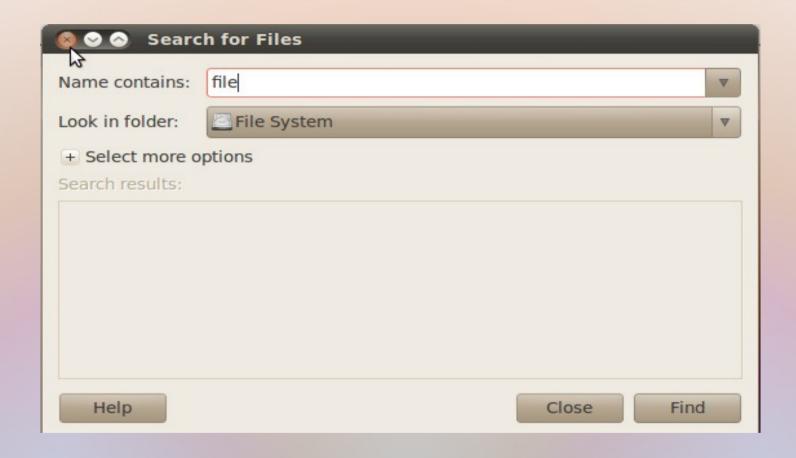


File Edit View Terminal Help

User@computer-name -\$

User@computer-name -\$ clear

Search Tool





Linux files DB

Lets update linux files data base:



sudo updatedb



locate file-name

Package Management



System >> Administration >> Synaptic Package Manager.



sudo apt-get install <pckg>



Process management



System >> Administration >> System Monitor.



ps aux



top

Process termination:



kill p-id



pkill p-name



kill -9 p-id



killall p-id



xkill

ubuntu

Launcher



Lets create my buttons...

800	Launcher Properties		
	Туре:	Application	▼
	Name:	lam the Root	
	Command:	gksudo "gnome-open %u" Brow	wse
	Comment:		
Help		Revert Clo	se



ubuntu

Compression..



- * Create .tar.gz compressed file:
- 1. Create .tar file:

\$ tar -cvf new name.tar folder or file

2.Create .gz file:

\$ gzip new name.tar

- * Extract from .tar.gz compressed file:
- 1. Create .tar file:

\$ gunzip new_name.tar.gz

2.Create .gz file:

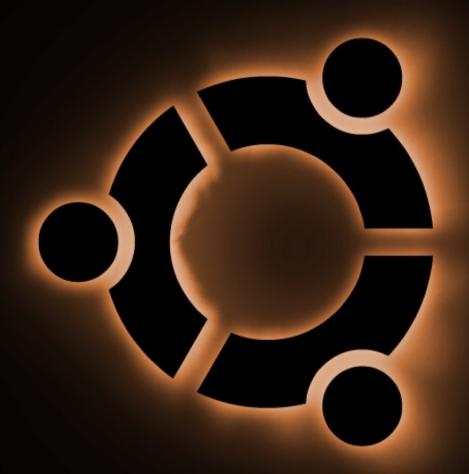
\$ tar -xvf new name.tar



Linux Variables



- \$ echo \$PATH
- \$ echo \$USER
- \$ echo \$SHELL



UBUNTU LINUX FOR HUMANS, LINUX FOR HEROES