Linux Cheat Sheet

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tree command:

#tree

Options

Option	Description	command
-a	All files included	#tree -a
-d	List directories	#tree -d
-h	Human-friendly look	#tree -h
-f	Full path for all files	#tree -f
-p	File permissions	#tree -p

Options can be combined such as #tree –hpf etc.

For specific directory #tree [options] /filepath

ls command:

#ls

Options

Options	Description	command
-a	All files included	#ls -a
-l	List files	#ls -l
-d	Just directories	#ls -d
-h	Human-friendly look	#ls -h
-t	Sort date-time	#ls -t
-tr	Sort date-time reversely	#ls -tr
-R	List Recursively	#ls -R

Options can be combined such as #ls –laht /filepath

pwd command:

#pwd

cd command:

cd /filepath

uptime command: (du,df commands are commonly used together)

uptime

which|whereis|type command:

#which|whereis|type [argument]

uname command:

uname

option	description	command
-a	All information's printed out	# uname -a
-s	Kernel name	# uname -s
-n	Node name	# uname -n
-r	Kernel release	# uname -r
-v	Kernel built date	# uname -d
-m	Hardware name	# uname -m
-p	Processor type	# uname -p
-i	Hardware platform	# uname -i
-o	Operating System Name	# uname -o

Options can be combined but #uname –a print out everything

lscpu:

#lscpu

man command:

man [command]

man –k [command] -> searches for keyword

apropos [command] -> searches for keyword

gzip and gunzip commands:

gzip [files]

gunzip [compressedfile]

bzip2 and bunzip2

bzip2 [files]

bunzip2 [compressedfile]

zip and unzip command

zip [files]

unzip [compressedfile]

tar command

tar –czf [compressedfile] [files]

tar –cjf [compressedfile] [files]

tar –tf [compressedfile]

tar –xf [compressedfile]

tar -xf [compressedfile] -C [filepath]

-c Creates a tarball

 -f Specifies a tarball name.

-p Preserve file permissions Default for the root user. Specify this option if you create an archive as a normal user.

-r Appends files to the end of an extant uncompressed tarball.

-t Lists contents of a tarball.

 -u Appends files to the end of an extant uncompressed tarball provided the specified files being added are newer.

-v Verbose mode.

-x Extracts or restores from a tarball.

Permission

chmod [octalnumber] [file]

chown [user]:[user] [file]

100 -> read

010 -> write

001 -> execute