

Fifty or so general Linux commands (and other things)

The commands listed below are most of the ones you will need. You should become familiar with them and their main options as soon as you can.

Informational commands

man	help for command	ls	list directory
help	like man , for bash	du	display disk usage
uname	show system	df	display file systems
ps	list processes	jobs	list background jobs
date	show date and time	find	find files
umask	show/set permission mask	top	show tasks in real-time

File editing commands

vi	visual editor	sed	stream editor
tr	translate characters	cut	cut from line

File and Directory manipulation commands

cp	copy files or directories	mv	move or rename
rm	remove file	cd	change directory
mkdir	make directory	pwd	print working directory
rmdir	remove directory	chmod	change permissions
ln	create hard link	ln -s	create soft link
tar	create archive	gzip	compress file

File and Filter commands

cat	catenate (list) file	grep	search for reg exp
head	list head of file	tail	list tail of file
less	list file in pages (also more)	wc	word count
touch	change file access date		
sort	sort text file	echo	display text

Input/Output (re)direction (and stuff)

<	redirect file to stdin	script	capture output to file
>	redirect stdout to file	printf	like C printf()
2>	redirect stderr to file	<< XXXX	read from kb to XXXX
>>	append stdout to file	 	pipe stdout to stdin
2>>	append stderr to file	&>	redirect stdout and stderr

Miscellaneous commands (and things)

^C	kill -2 current process	kill	send signal to process
^D	indicate kb end-of-file	exit	leave current shell
^Z	send to background	set	set a variable
.bashrc	start-up script file	make	run a Makefile
alias	create command alias	PATH	search path variable
gcc	GNU C compiler	gdb	GNU debug tool