

<a href="https://github.com/dalance/psproc">https://github.com/dalance/psproc</a>	A modern replacement for ps written in Rust.	ps
	searches for processes currently running on the system, based on a complete or partial process name, or other specified attributes.	pgrep
	View the system load.	uptime
	List active processes for all users.	w
	Monitor resource-intensive processes interactively.	top
	A cross-platform interactive process viewer.	htop
<a href="https://github.com/bsakall/gnop">https://github.com/bsakall/gnop</a>	System monitoring dashboard for terminals.	gnop
<a href="https://github.com/sharkkb/hyperfine">https://github.com/sharkkb/hyperfine</a>	A command-line benchmarking tool.	hyperfine
<a href="https://github.com/nicolargo/glances">https://github.com/nicolargo/glances</a>	Glances an eye on your system. A lightweight alternative for dstat, iostat, vmstat, mpstat, nload, and other operating systems.	glances
<a href="https://github.com/airblab/btop">https://github.com/airblab/btop</a>	Resource monitor that shows usage and stats for processes, memory, disks, network and processes.	btop
<a href="https://github.com/ClementHargreaves/bottom">https://github.com/ClementHargreaves/bottom</a>	Yet another cross-platform graphical process/system monitor.	bottom
	used to display and monitor the disk I/O usage of disks and even gets a table of existing I/O utilization by the process.	iostat
	used to diagnose issues with power consumption and power management.	powertop
	Monitor system load and processes graphically.	gnome-system-monitor
	Simple graphical monitor of system load.	alsol
	Display free memory.	free
	Command, which looks up and prints the PID of a process by its name.	pidof
	displays and records local system information. The command can run either in interactive or recording mode.	nmon

Terminate a process (or send it a signal).	kill
a utility command used for killing any running process in the system based on a given name.	killall
notch (No Hang Up) is a command in Linux systems that puts the process even after logging out from the shell/terminal.	nohangup
Change a process's priority.	nice
Change a process's priority as it runs.	renice
	cpulimit

Wait a set number of seconds, doing nothing.	sleep
Run a program at set intervals.	watch
Schedule a job for a single, future time.	at
Schedule jobs for many future times.	crontab

Halts or reboots a Linux system.	shutdown
is used to instruct the hardware to stop at the CPU function. Technically, it reboots or stops the system.	halt

Print your login name.	logname
Print your current, effective username.	whoami
Print the user ID and group membership of a user.	id
List logged-in users, long output.	who
List logged-in users, short output.	users
Print information about users.	finger
Determine when someone last logged in.	last
Print your environment.	printenv

Create an account.	useradd
Delete an account.	userdel
Modify an account.	usermod
Change a password.	passwd
Change a user's personal information.	chfn
Change a user's shell.	chsh

Print the group membership of a user.	groups
Create a group.	groupadd
Delete a group.	groupdel
Modify a group.	groupmod

Print basic system information.	uname
Print the system's hostname.	hostname
Same as hostname -d.	domainname
Same as hostname -y.	domainname
Same as hostname -y.	nsdomainname
Same as hostname -y.	ypdomainname
Set and display network interface information.	ip
Older command to set and display network interface information.	ifconfig

Look up hostnames, IP addresses, and DNS info.	host
Look up the registrants of Internet domains.	whois
Check if a remote host is reachable.	ping
View the network path to a remote host.	traceroute

List your jobs.	jobs
Run a job in the background.	&
Suspend the current (foreground) job.	^Z
Suspend a shell.	suspend
Unsuspend a job, bring it into the foreground.	fg
Make a suspended job run in the background.	bg

Securely log into a remote host, or run commands on it.	ssh
Log into a remote host (insecure).	telnet
Securely copy files to/from a remote host (batch).	sftp
Securely copy files to/from a remote host (interactive).	rsync
Copy files to/from a remote host (interactive, insecure).	ftp

<a href="https://www.bugmaccoffee.com/databse">https://www.bugmaccoffee.com/databse</a>	bugmaccoffee
<a href="https://bo.liink/xtrempentest">https://bo.liink/xtrempentest</a>	website
<a href="https://twitter.com/xtrempentest">https://twitter.com/xtrempentest</a>	twitter
<a href="https://github.com/xtrempentest">https://github.com/xtrempentest</a>	github

List file attributes on a Linux second extended file system.	lsattr
prints certain LSB (Linux Standard Base) and Distribution information.	lsb_release
List block devices.	lsblk
List information about files.	ls
List open files.	lsof
List all PCI devices.	lspci
shows the memory block size, the device size, and the amount of memory in online and offline state.	lsmem

Graphical mail client.	thunderbird
Graphical mail client.	evolution
Text-based mail client.	mutt
Minimal text-based mail client.	mail
View the outgoing mail queue on your system.	mailq

Usenet newsreader.	slrn
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Instant messaging and IRC client.	gaim
Linux/Unix chat program.	talk
Send messages to a terminal.	write
Protob talk and write.	msg
Print your terminal device name.	tty

Display a graphical calculator.	xcalc
Evaluate simple math on the command line.	expr
Text-based calculator.	dc
Arbitrary precision calculator language.	bc

Display a graphical clock.	xclock
Print a calendar.	cal
Print or set the date and time.	date
Set the system time using a remote timeserver.	ntpdate

Display graphics files.	eog
Display graphics files and slideshows.	geogebra
Take a screenshot (screen capture).	ksnapshot
Edit graphics files.	gimp
Draw structured diagrams.	dia
Create graphs and plots.	gnuplot
Run a screensaver.	xscreensaver

Audio file players: MP3, WAV, OGG, etc.	amarok, rhythmbox, xmsms
CD player, ripper, and MP3 encoder.	grip
Rip audio from CDs to WAV files.	cdparanoia
Convert from WAV to MP3.	lame
Edit ID3 tags.	id3tag
Edit audio files.	audacity
CD burner with graphical interface.	xcdroast

Video file playback.	mpvplayer
Simple DVD player.	gnome
Video editor.	kino
Video ripper.	HandBrake

View the network path to a remote host.	traceroute
ss (socket statistical tool) is a CLI command used to show network statistics.	ss
Older command to set and display network interface information.	ifconfig
prints network connections, routing tables, interface statistics, masquerade connections, and multicast memberships.	netstat
List logged in users, long output.	who
A command-line utility that you can use to capture and inspect network traffic going to and from your system.	tcpdump
Check if a remote host is reachable.	ping
<a href="https://github.com/orf/gping">https://github.com/orf/gping</a>	gping
disables a network interface, placing it in a state where it cannot transmit or receive data.	ifdown
brings the network interface up, allowing it to transmit and receive data.	ifup
display information about a network interface's configuration.	ifquery
Nmapscan (stands for "Name Server Lookups") is a useful command for getting information from the DNS server.	nslookup
allows you to query information about various DNS records, including host addresses, mail exchangers, and name servers.	dig
<a href="https://github.com/ogham/dig">https://github.com/ogham/dig</a>	dig
A user-friendly command-line DNS client. dig on steroids.	dig
mttr combines the functionality of the traceroute and ping programs in a single network diagnostic tool.	mttr

allows you to securely copy files and directories between two locations over SSH.	sftp
a fast and versatile command-line utility for synchronizing files and directories between two locations over a remote shell, or from/to a remote file system.	rsync
a secure file protocol that is used to access, manage, and transfer files over an encrypted Ssh transport.	sftp
allows you to mount a remote directory locally.	smbfs

Modern Alternatives

This commands might not come pre-installed on your system, so you may need to install them first. You can find the installation instructions from the link provide.

Viewing Processes
Controlling Processes
Scheduling Jobs
Logins, Logouts, and Shutdowns
Users and Their Environment
User Account Management
Group Management
Host Information
Host Location
Shell Job Control
Network Connections

Basic File Operations
Directory Operations
File Viewing
File Creation and Text Editors
File Properties
Print Text
Search File Location
Miscellaneous
Web Browsing
File Text Manipulation
File Compression and Packaging
File Comparison
Printing
Spell Checking
Disks and Filesystems
Backups and Remote Storage

  
LINUX  
Commands +  
Modern Alternatives

  
@xtrempentest

ls	List files in a directory. ls does more than just list.	<a href="https://github.com/ogham/ls">https://github.com/ogham/ls</a>
exo	exo is a modern replacement for ls.	<a href="https://github.com/ogham/exo">https://github.com/ogham/exo</a>
lfd	The new get the latest command. Backwards compatible with ls.	<a href="https://github.com/Pelochy/lfd">https://github.com/Pelochy/lfd</a>
cp	Copy a file.	
mv	Rename ("move") a file.	
rm	Delete ("remove") a file.	
rmdir	utility for deleting empty directories.	
ln	Create links (alternative names) to a file.	
shred	Completely erase a file when the file is deleted.	
rename	rename files or multiple files.	
cd	Change your current directory.	
zoxide	zoxide is a smarter cd command.	<a href="https://github.com/ajeetdattaj/zoxide">https://github.com/ajeetdattaj/zoxide</a>
broot	A new way to see and navigate directory trees.	<a href="https://github.com/Ceep/broot">https://github.com/Ceep/broot</a>
tree	A tiny cross-platform command-line program used to recursively list or display the content of a directory in a tree-like format.	
pwd	Print the name of your current directory, i.e., "where you are now" in the filesystem.	
basename	Print the final part of a file path.	
dirname	Print a file path without its final part.	
mkdir	Create (make) a directory.	
rmdir	Delete (remove) an empty directory.	
rm -r	Delete a nonempty directory and its contents.	
cat	print the content of a file onto the standard output stream.	
tac	print the content of a file, in reverse onto the standard output stream.	
bat	A cat clone with syntax highlighting and Git integration.	<a href="https://github.com/sharkdp/bat">https://github.com/sharkdp/bat</a>
glow	Glow is a terminal-based markdown reader designed from the ground up to bring out the beauty—and power—of the CLI.	<a href="https://github.com/chambracet/glow">https://github.com/chambracet/glow</a>
more	View text files one page at a time.	
less	View text files one page at a time.	
head	View the first lines of a text file.	
tail	View the last lines of a text file.	
nl	View text files with their lines numbered.	
strings	Display text that's embedded in a binary file.	
od	View data in octal (or other formats).	
xxd	View data in hexadecimal.	
acorn	View PDF files.	
gv	View PostScript or PDF files.	
xdvi	View TeX/DVI files.	
touch	used to create, change and modify timestamps of a file.	
emacs	Text editor from Free Software Foundation.	
vim	Text editor, extension of Unix vi.	
nano	an easy to use command-line text editor for Unix and Linux operating systems.	
soffice	Office suite for editing Microsoft Word, Excel, and PowerPoint documents.	
abword	Edit Microsoft Word documents.	
gnumeric	Edit Excel spreadsheets.	
tee	Copy a file and print it on standard output, simultaneously.	
stat	Display attributes of files and directories.	
wc	Count bytes, words, lines in a file or STDIN.	
file	Identify (guesses) the type of a file.	
touch	Change timestamps of files and directories.	
chmod	Change protection mode of files and directories.	
chgrp	Change group ownership of files and directories.	
chown	Change owner of files and directories.	
umask	Set a default mode for new files and directories.	
chattr	Change extended attributes of files and directories.	
lsattr	List extended attributes of files and directories.	
echo	Print simple text on standard output.	
printf	Print formatted text on standard output.	
yes	Print repeated text on standard output.	
seq	Print a sequence of numbers on standard output.	
clear	Clear the screen or window.	
fd	A simple, fast and user-friendly alternative to find.	
locate	searches the file system for files and directories whose name matches a given pattern.	
find	searches for files and directories in a directory hierarchy based on a user given expression and can perform user-specified action on each matched file.	
which	Locate executables in your search path (command).	
tf	A general purpose command-line fuzzy finder.	<a href="https://github.com/junegunn/tf">https://github.com/junegunn/tf</a>
whereis	Locate executables, documentation, and source files.	
type	Locate executables in your search path (builtin).	
help	the simplest way to get information regarding a built-in shell command.	
man	used to display the user manual of any command that we can run on the terminal.	
tlp	A community effort to simplify man pages with practical examples.	<a href="https://github.com/tlp-pages/tlp">https://github.com/tlp-pages/tlp</a>
cheat	Create and view interactive cheat sheets on the command-line.	<a href="https://github.com/cheat/cheat">https://github.com/cheat/cheat</a>
r	used to execute the previous command.	
history	a very useful command to show you all of the last commands that have been recently used.	
mc	fly through your shell history. Great Scott!	<a href="https://github.com/cantino/mc">https://github.com/cantino/mc</a>
xargs	used in a UNIX shell to convert input from standard input into arguments to a command.	
firefox	Full-featured web browser.	
curl	cURL, which stands for client URL, is a command-line tool that developers use to transfer data to and from a server.	
wget	Download web pages and files.	
curlie	Curlie is a frontend to curl that adds the ease of use of lftp, without compromising on features and performance.	<a href="https://github.com/s/curlie">https://github.com/s/curlie</a>
htpdate	A modern, user-friendly command-line HTTP client for the 40+ via.	<a href="https://github.com/steph/htpdate">https://github.com/steph/htpdate</a>
sh	A friendly and fast tool for sending HTTP requests. It implements as much as possible of HTTP's excellent design, with a focus on improved performance.	<a href="https://github.com/dkuckley/sh">https://github.com/dkuckley/sh</a>
lynx	Text-only web browser.	
grep	Find lines in a file that match a regular expression.	
ripgrep	An extremely fast alternative to grep that respects your gitignore.	<a href="https://github.com/BurntSushi/ripgrep">https://github.com/BurntSushi/ripgrep</a>
ack	ack is a grep-like source code search tool.	
ag	A code searching tool similar to ack, but faster.	<a href="https://github.com/ggreer/the_silver_searcher">https://github.com/ggreer/the_silver_searcher</a>
sed	stream editor: used for text substitution, find & replace but it can also perform other text manipulations like insertion, deletion, search, etc.	
ed	An intuitive find & replace CLI (sed alternative).	<a href="https://github.com/cmtls/ed">https://github.com/cmtls/ed</a>
jq	sed for JSON data.	<a href="https://github.com/stedolan/jq">https://github.com/stedolan/jq</a>
awk/gawk	AWK Command in Unix is used for pattern processing and scanning.	
cut	Extract columns from a file.	
choose	A human-friendly and fast alternative to cut and jq (and ack).	<a href="https://github.com/theyangx/choose">https://github.com/theyangx/choose</a>
paste	Append columns.	
tr	Translate characters into other characters.	
sort	Sort lines of text by various criteria.	
uniq	Locate identical lines in a file.	
tar	Package multiple files into a single file.	
gzip	Compress files with GNU Zip.	
gunzip	Uncompress GNU Zip files.	
bzip2	Compress files in BZip format.	
bunzip2	Uncompress BZip files.	
bzcat	Compress/uncompress BZip files via standard input/output.	
compress	Compress files with traditional Unix compression.	
uncompress	Uncompress files with traditional Unix compression.	
zcat	Compress/uncompress file via standard input/output (gzip or compress).	
zip	Compress files in Windows Zip format.	
unzip	Uncompress Windows Zip files.	
metamail	Extract MIME data to files.	
diff	Line-by-line comparison of two files or directories.	
comm	Line-by-line comparison of two sorted files.	
cmp	Byte-by-byte comparison of two files.	
md5sum	Compute a checksum of the given files (MD5).	
lpr	Print a file.	
lpq	View the print queue.	
lprm	Remove a print job from the queue.	
look	Look up the spelling of a word quickly.	
spell	Interactive spelling checker.	
aspell	Batch spelling checker.	
df	get a full summary of available and used disk space usage of the file system on the Linux system.	
fdisk	check the partitions on a disk.	
duf	A better of alternative, used to show disk usage.	
du	Measure disk usage of files and directories.	
dust	A more intuitive version of du written in rust.	
rmount	Make a disk partition accessible.	
lsmount	Unmount a disk partition (make it inaccessible).	
fack	Check a disk partition for errors.	
sync	Flush all disk caches to disk.	
dfuse	dfuse is another utility with a purpose similar to lsblk, but with more features. It can display the size of each partition in KB.	
lsof	is very useful command-line program that can display information about various hardware components present on the system.	
lsblk	Lists out all the storage blocks, which includes disk partitions and optical drives.	
hddinfo	a general purpose hardware information tool and can be used to print out the disk and partition list.	
quota	Display disk usage and limits.	
dump	Write a disk partition to a backup medium.	
restore	Restore the results of a dump.	
cdrdao	Burn a CD, DVD, or Blu-ray disc.	
rsync	Mirror a set of files onto another device or host.	
mt	Control a tape drive.	