

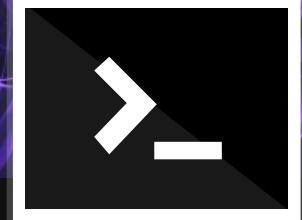


TERMINALDELINUX.COM

ESSENTIAL TOOLS FOR EVERYDAY

Created by @Manz (<https://manz.dev/>)

<https://terminaldelinux.com/>



H Help

```
* --help fast & short help
man manual pages man-db
tldr too long dont read tealdeer
navi interactive help
cht.sh cheats (examples)→ eg
```

U Users

```
whoami current user
su switch to user [root]
sudo run command as [root]
doas run as another user
visudo edit sudoers [vi+sudo]
useradd → adduser insert
userdel → deluser delete
usermod modify user account
groups group members
passwd change password
lslogins show known users
who current logged users
w logged users procs
users current logged users
```

N Network

```
ifconfig → ip config iproute2
dhclient → dhpcd dhpcd
ping ICMP test iputils-ping
gping visual ping→ pingu
nslookup DNS tool dnsutils
dig DNS tool dnsutils → dog
whois lookup domain name/ip
traceroute route packets
tracepath iputils-tracepath
mtr net diagnostic mtr-tiny
nmap net security scanner
nc remote cat ncat
bmon bandwidth monitor
bandwhich bw monitor
iftop network monitor
nethogs view process/net
tc traffic control iproute2
iptraf-ng network monitor
tcpdump net activity dump
netstat → ss stats iproute2
vnstat print net statistics
iptables → nft nftables
shorewall iptables firewall
ufw firewall for iptables
```

IDENTIFY

SYSTEM USERS

LOG

DOMAINS/DNS

TRACE

SCAN

MONITORING

FIREWALL

F Files & Folders

FOLDERS	FILES
mkdir create dir	pwd current full dir
ls list files→ lstr	tree tree format→ tre
nuls table nice ls (nushell)	exa → eza → g better ls
cd change to dir	z autojump last dirs zoxide
file show file type	touch create/update file
mv move/rename cp copy	rm remove file ln link to
regname massive renamer	type display command type
whereis where is this cmd?	which locate path→ needs
find search files in a dir	fd find better find fd-find
fdfind better find fd-find	rg find pattern ripgrep
rg better ripgrep ripgrep	rgr better ripgrep ripgrep
locate updatedb indexed	updatedb indexed

FILE MANAGERS

lf	ranger	nnn	browsr	mc
ytree	broot	fm	superfile	

D Diff

DIFF TOOLS
diff find differences→ delta
sdiff wdiff side-by-side/word
colordiff colorize→ diffnav
difft fast color diff difftastic

B Fetching

BROWSER	DOWNLOADS
lynx robust text browser	wget wget2 download file
elinks text mode browser	curl request URL→ curlie
w3m text browser/pager	http ↳ (better) httpie → xh
browsrh ASCII browser	posting terminal postman
wget wget2 download file	axel download accelerator
curl request URL→ curlie	yt-dlp download videos
http ↳ (better) httpie → xh	streamlink fetch streams

TMUX

^B + " split – ^B + → move to
 ^B + %split | ^B + ALT → resize
 ^D close term ^B + ^O rotate

PERMISSION

OWNER	GROUP	OTHERS
d rwx r-x r-x	- rw- r-- r--	
DIRECTORY	REGULAR FILE	
R READ (4)	SYM. LINK L	
W WRITE (2)	NAMED PIPE P	
X EXEC/OPEN (1)	CHAR DEV C	
- NONE (0)	BLOCK DEV B	

APT COMMANDS

search	install	remove
show	list --installed	
update	autoremove	upgrade

E Editors

TEXT EDITORS
vi → vim power editor
nvim modern vim (neovim)
pico → nano easy and small
fresh intuitive fresh-editor
chr borland-style chr-tiny
micro simple text editor
jed → mcedit midnight edit
edit msdos-like edit msedit
emacs gnu emacs editor
durdraw ASCII art editor

G Git

VERSION CONTROL
git client gh-pages deploy
froggit manager→ lazygit
tig interface for git
gh github cli control
dra download GH releases
eget download GH releases

GIT COMMANDS

START	STATUS	FILES
init	status	add
clone	log	mv
remote	reset	rm
SYNC	BRANCH	REPO
fetch	checkout	merge
pull	switch	rebase
push	branch	commit

REMOTE

CONNECTION	SSH
telnet → ssh net connect	-C zipped
ftp → sftp transfer files	-X X11 redir
sshfs ssh mount	-c cipher
REMOTE COPY	
scp cp via ssh	
rsync sync files	

P Packages

INSTALL/UNINSTALL
apt-get → apt manager
aptitude friendly apt
wajig friendly apt
MANUAL MANAGE
dpkg manage .deb pkg

VIM / NEOVIM

:q! exit (no save)
:wq! exit (save)
:5 jump to line 5
:colorscheme set theme
:shell terminal exit back
:split / :vsplit split win
:set number number lines
:set mouse=a enable mouse
/word find word n next
:tabnew open file in new tab
:%s/old/new/g replace

C Compressor

tar archive tool
split file into pieces
compress uncompress
gzip gunzip .gz
zopfli better gzip

bzip2 bunzip2 .bz2
xz unxz .XZ xz-utils
zstd unzstd .zst
lz4 unlz4 .lz4
zip unzip .zip
rar unrar .rar
7z 7z x .7z

TAR z gzip
j bzip2 J XZ

TAR c create
x extract
v debug
f set file
t list

S Sessions

clear empty scr
reset reinit terminal
history show last
fuck fix last thefuck
exit logout end shell
reboot restart machine
poweroff shutdown off
tcvt → tmate manager
screen → tmux manager
byobu tmux+ → zellij

SCP/SSH SYNTAX

scp user@ip:/folder remote



INSTALL LANGUAGES

rust	curl --proto '=https' --tlsv1.2 -sSf https://sh.rustup.rs sh
python	apt install python3 pipx && pipx ensurepath
nodejs	curl -fsSL https://get.pnpm.io/install.sh sh - + pnpm env use -g lts
fish/zsh	sudo apt install -y fish && sudo chsh -s \$(which fish)
go	curl -fsSL https://go.dev/dl/go1.25.5.linux-amd64.tar.gz sudo tar -C /usr/local -xzf -

C Code

cloc	→ scc	code line counter
cloctui		wrapper counter
tokei		high-perf counter
feluda		license restriction find

T Text Manipulation

echo	print line of text
gum	glamorous shell scripts
cat	print content or concat file
batcat	friendly (cat+) bat
catimg	show images → lsix
tac	reverse cat
glow	markdown viewer
more	classic pager
less	enhanced pager → most
moor	intuitive pager
jless	json less → fx
csvlens	csv viewer → xan
.gz	zcat zless
.bz2	bzcat bzless
.xz	xzcat xzless
.zstd	zstdcat zstdless
head	first part tail last part
rev	reverse line characterwise
nl	number lines
sort	reorder lines
wc	text counter (chars, lines...)
uniq	remove repeats
iconv	encoding converter
tr	translate/delete chars
expand	unexpand tabs → spaces
jq	json processor
cut	field extractor
paste	merge lines
grep	filter → fzf interactive
gawk	text processor
sed	stream editor → sd
xargs	argument builder

M Multimedia

sox	audio swiss-army knife
ffmpeg	video swiss-army knife
mkvmerge	matroska mkvtoolnix
mplayer	→ mpv media player
music123	music player
id3tool	→ mediainfo id3 tags
ascinema	record terminal

D Disk

parted	manipulate partitions
fdisk	→ cfdisk ↳ modern tool
mkfs	make filesystem
dd	low level data duplicator
fsck	check/repair filesystem
testdisk	scan/repair partitions
photorec	recover data erased
mount	umount enable/disable fs
findmnt	filesystem locator
df	→ duf → dysk disk free
du	show disk used → dusage
dust	intuitive show disk used
ncdu	→ gdu better disk used
diskonaut	disk space
dua	disk space analyzer dua-cli
fdupes	→ jdupes find duplicated
fclones	find duplicated files

G Games & Fun

fortune	print random quote
sl	aim to correct sl instead ls
lolcat	rainbow colors!
cowsay	cowthink speak cow
toilet	figlet large chars
cmatrix	simulate matrix screen
mapscii	view ascii worldmap
ninvaders	spacetext invaders
bastet	bastard tetris clone
moon-buggy	drive across moon
nsnake	ncurses snake game
pacman4console	pacman clone
greed	erase number grid game
nethack-console	explore mazes
freesweep	minesweeper clone
nettoe	network tic tac toe clone
asciijump	ascii ski jump game
bombardier	gnu bombing game

CRONTAB

MINUTE (0-59)	DAY (1-31)	WEEKDAY (0-6)
HOUR (0-23)		MONTH (1-12)
*/5	4	1 * *

command sample

P Process

ps	pstree active → procs
top	→ htop top processes
bpytop	→ btop ↳ better top
btm	top processes (bottom)
jobs	bg fg list/move procs
kill	send signal to process
killall	→ pkill by name
hwinfo	spec → hwinfo-tui
nvtop	GPU perf monitor

I Images

jpeginfo	info jpegoptim
mozjpeg	jpg encoder
jhead	→ exiftool metadata
cwebp	dwebp webp
avifenc	avifdec libavif-bin
pngmeta	png metadata
pngnq	→ pngquant tune
pngcrush	→ optipng tune
oxipng	png compressor
gifsicle	→ gifsiki gif+
apngopt	png animated
magick	→ gmic converter
sharp	high-perf convert

D Date

date	print or set date-time
cal	ncal diary ncal → carl
pal	→ calcuse agenda
doot	todo manager
timeout	limiter time timer
sleep	pause execution
watch	repeated monitor
cron	exec scheduled cmds
pomo	pomodoro work

DOCKER

ctop	top for docker container
dcv	docker compose viewer
depot	docker build enhanced
dive	image layer explorer
dry	→ lazydocker manager
docker	run -it image:tag cmd

I Shell

bash	default
zsh	refined
fish	friendly
sh	dash simple
nushell	data

I IA

ollama	client
gollama	admin
oterm	text-UI
homl	vllm cli
gpterminator	
tgpt	no key
gemini-cli	
codex	goose
coderabbit	
claude-code	
aider	crush
openhands	
opencode	
cline	

G Grants

OWNER/GROUPS	
chown	set owner
chgrp	set group
PERMISSIONS	
chmod	set perms
umask	set mask

MOTD

neofetch	slow
fastfetch	speed
hyfetch	colorful
screenfetch	trad
neowofetch	anime
cpufetch	hardware
stormy	weather
starlit-cli	↳
old	rust python
go	shell c/c++
perl	nodejs ruby