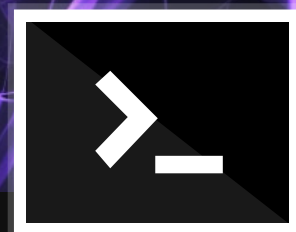




TERMINALDELINUX.COM

ESSENTIAL TOOLS FOR EVERYDAY



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

<https://terminaldelinux.com/>

H Help

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

U Users

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

N Network

NET
ifconfig → **ip** config **iproute2**
dhclient → **dhcpcd** **dhcpcd**
ping ICMP test **iputils-ping**
gping visual ping → **pingu**
nslookup DNS tool **dnsutils**
dig DNS tool **dnsutils** → **dog**
whois lookup domain name/ip
TRACE
traceroute route packets
tracert **iputils-tracert**
mtr net diagnostic **mtr-tiny**
SCAN
nmap net security scanner
nc remote cat **ncat**
bmon bandwidth monitor
bandwhich bw monitor
MONITORING
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
FIREWALL
iptables → **nft** **nftables**
shorewall iptables firewall
ufw firewall for iptables

name of package c/c++ or classic command

F Files & Folders

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

B Fetching

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

TMUX

AB + " split - **AB** + → move to
AB + % split | **AB** + ALT → resize
AD close term **AB** + ^O rotate

PERMISSION

OWNER **GROUP** **OTHERS**
d **rwx** **r-xr-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

telnet → **ssh** net connect
ftp → **sftp** transfer files

SSHFS

sshfs ssh mount **SSH**
REMOTE COPY
scp cp via ssh -**C** zipped
rsync sync files -**X** X11 redir
-**c** cipher

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)
:S 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

PKG
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 **TAR**
lz4 **unlz4** .lz4 **zgzip**
zip **unzip** .zip **j bzip2**
rar **unrar** .rar **J xz**
7z **7z x** .7z **TAR**

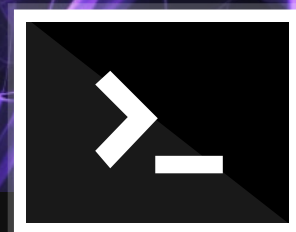
EXEC
upx bin **upx-ocl** **c** create
gzexe bin **gzip** **x** extract
v debug
f set file
t list

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

COUNTER

cloc → **scc** code line counter

cloctui wrapper counter

tokei high-perf counter

feluda license restriction find

T Text Manipulation

MAIN

echo print line of text

gum glamorous shell scripts

cat print content or concat file

batcat friendly (cat+) **bat**

cating 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**

PAGERS

.gz **zcat** **zless**

.bz2 **bzcat** **bzless**

.xz **xzcat** **xzless**

.zstd **zstdcat** **zstdless**

head first part **tail** last part

rev reverse line characterwise

n1 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

POWER

sed stream editor → **sd**

xargs argument builder

D Disk

parted manipulate partitions

fdisk → **cdfisk** ↪ modern tool

mkfs make filesystem

dd low level data duplicator

fscck 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 → **duusage**

dust intuitive show disk used

ncdu → **gdu** better disk used

diskonaut disk space

dua disk space analyzer **dua-cli**

fdupes → **jdupes** find duplicated

fcclones 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

hwininfo spec → **hwininfo-tui**

nvttop 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 → **gifski** gif+

apngopt png animated

magick → **gmick** converter

sharp high-perf convert

D Date

date print or set date-time

cal **ncal** diary **ncal** → **carl**

pal → **calcurse** agenda

dooit 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

gptterminator

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**

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

asciinema record terminal