

```
*****
* zsh Command List      *
* created 2025.12.30    *
* modified 2025.12.30  *
*****
```

Directory Navigation

```
ls -a          --> List all including hidden
ls -l          --> List long info
ls > ~/file.txt --> Prints output to ~/Directory/file.txt
```

Homebrew Commands

```
brew list      --> List all installed formulae and casks
brew home      --> Opens formula/cask homepage in browser (git)
brew info      --> Display brief statistics of Homebrew installation
brew update    --> Fetch newest version of Homebrew and all formulae
brew upgrade    --> Upgrade outdated casks and formulae
```

Homebrew Installed Programs

```
btcp           -- System Resource Monitor
dungeon        -- Adventures in the Dungeons of Doom
                version created 2-Dec-15
gcc            -- GNU Compiler Collection version 17.0.0
                C, C++, Objective-C, Fortran, Ada, Go, Modula-2, COBOL
gettext        -- GNU Translation Project tools
gmp            -- GNU multiple precision arithmetic library version 6.3.0
htop           -- System Resource Monitor and interactive process viewer
isl            -- Integer Set library
libaacs        -- VideoLAN Library Advanced Access Content System Version 0.11.1
libgcrypt      -- GNUPG general purpose cryptographic library Version 1.11.2
libgpg-error   -- GNUPG error values
libmpc         -- C library for the arithmetic of high precision complex numbers
libunistring   -- GNU library provides functions for manipulating Unicode and C strings
according to Unicode Standards
```

lz4	-- Compress or decompress .lz4 files
mas	-- Mac App Store CLI
mpfr	-- GNU C library for multi-precision floating-point computations with
correct rounding	
nano	-- GNU nano version 8.7 (2025.12.30)
ncurses	-- CRT screen handling and optimization package
neofetch	-- display system information
pcre2	-- Perl Compatible Regular Expressions
screenresolution	-- determine current resolution, list available resolutions and set
resolutions for active displays	
xz	-- compression tool similar to gzip and bzip2
	Native file format .xz
	Supports .lzma ; .lz ;
zork	-- Original Dungeon game (Zork I) created 11-MAR-91
zsh	-- The Z shell version 5.9 (2025.12.30)
zsh-autocomplete	-- Zsh plug-in adds real-time type-ahead autocompletion and multi-line
history search to CLI	
zstd	-- compression tool similar to gzip and xz
	Based on LZ77 family

* /bin directory file list *

bash
 cat
 chmod
 cp
 csh
 dash
 date
 dd
 df
 echo
 ed
 expr
 hostname
 kill
 ksh

launchctl
link
ln
ls
mkdir
mv
pax
ps
pwd
realpath
rm
rmdir
sh
sleep
stty
sync
tcsh
test
unlink
wait4path
zsh

* /usr/bin directory file list *

aa
actool
aea
afclip
afconvert
afhash
afida
afinfo
afktool
afplay
afscexpand
agentxtrap
agvtool

alias
app-sso
applesingle
apply
apropos
ar
arch
as
asa
AssetCacheLocatorUtil
AssetCacheManagerUtil
AssetCacheTetheratorUtil
assetutil
at
atos
atq
atrm
atsutil
automationmodetool
automator
auval
auvaltool
avbanalyse
avbdiagnose
avbutil
avconvert
avmediainfo
avmetareadwrite
awk
b64decode
b64encode
banner
base64
basename
bashbug
batch

bc
bg
binhex
binhex.pl
binhex5.34.pl
bintrans
bioutil
bison
bitesize.d
bm4
bputil
brctl
bsdtar
bspatch
bundle
bundler
bunzip2
bzcat
bzcmp
bzdiff
bzegrep
bzfgrep
bzgrep
bzip2
bzip2recover
bzless
bzmores
c++
c++filt
c89
c99
caffeinate
cal
calendar
cancel
cap_mkdb

captoinfo
cc
cd
certtool
chflags
chfn
chgrp
chpass
chsh
cksum
clang
clang++
clangd
clear
cmp
cmpdylib
codecctl
codesign
codesign_allocate
col
colldef
colrm
column
comm
command
compress
compression_tool
config_data
config_data5.34
corelist
corelist5.34
cpan
cpan5.34
cpio
cpp
cpu_profiler.d

cpuctl
cpuwalk.d
crc32
crc325.34
creatbyproc.d
crlrefresh
crontab
csfdiagnose
csplit
csreq
csrutil
ctags
ctf_insert
cu
cups-config
cupstestppd
curl
curl-config
cut
cvaffinity
cvcp
cvmkdir
cvmkfile
dapprof
dappttrace
db_archive
db_checkpoint
db_codegen
db_deadlock
db_dump
db_hotbackup
db_load
db_printlog
db_recover
db_stat
db_upgrade

db_verify
dbicadmin
dbicadmin5.34
dbilogstrip
dbilogstrip5.34
dbiprof
dbiprof5.34
dbiproxy
dbiproxy5.34
dc
ddd Diagnose
debinhex.pl
debinhex5.34.pl
defaults
delv
demandoc
DeRez
derq
desdp
devmodectl
diagnose-fu
diff
diff3
diffstat
dig
dirname
dispqlen.d
dist_package_tool
ditto
dmc
dns-sd
drutil
dscacheutil
dscl
dserr
dsexport

dsimport
dsmemberutil
dsymutil
dtruss
du
dwarfdump
dyld_info
dyld_usage
egrep
enc2xs
enc2xs5.34
encguess
encguess5.34
encode_keychange
env
erb
errinfo
eslogger
ex
execsnoop
expand
expect
eyapp
eyapp5.34
false
fc
fddist
fdesetup
fg
fgrep
file
filebyproc.d
fileproviderctl
filtercalltree
find
findrule

findrule5.34
finger
fixproc
flex
flex++
fmt
fold
fontrestore
footprint
fping
fs_usage
funzip
fuser
g++
gatherheaderdoc
gcc
gcore
gcov
gem
gen_bridge_metadata
gencat
genstrings
getconf
GetFileInfo
getopt
getopts
git
git-receive-pack
git-shell
git-upload-archive
git-upload-pack
gktool
gm4
gnumake
gperf
grep

groups
gunzip
gzcat
gzexe
gzip
h2ph
h2ph5.34
h2xs
h2xs5.34
hash
hdid
hdiutil
hdxml2manxml
head
headerdoc2html
heap
hexdump
hidutil
hiutil
host
hostinfo
hotspot.d
hpmdiagnose
htmltree
htmltree5.34
ibtool
iconutil
iconv
ictool
id
imptrace
indent
infocmp
infotocap
install
install_name_tool

instmodsh
instmodsh5.34
IOAccelerMemory
iofile.d
iofileb.d
IOMFB_FDR_Loader
iopattern
iopending
IOSDebug
iosnoop
iotop
ip2cc
ip2cc5.34
ipcount
ipcount5.34
ipcrm
ipcs
iperf3-darwin
ippeveprinter
ippfind
ipptool
iptab
iptab5.34
irb
jar
jarsigner
java
javac
javadoc
javap
javaws
jcmd
jconsole
jcontrol
jdb
jdeps

jhsdb
jimage
jinfo
jjs
jlink
jmap
jobs
join
jot
jpackage
jps
jq
jrunscript
jshell
json_pp
json_pp5.34
json_xs
json_xs5.34
jstack
jstat
jstatd
kcc
kdestroy
kextutil
keychain-access
keytool
kgetcred
kill.d
killall
kinit
klist
kmutil
kpasswd
krb5-config
kswitch
ktrace

lam
last
lastcomm
lastwords
latency
layerutil
ld
ldapadd
ldapcompare
ldapdelete
ldapexop
ldapmodify
ldapmodrdn
ldappasswd
ldapsearch
ldapurl
ldapwhoami
leaks
leave
less
lessecho
lex
libnetcfg
libnetcfg5.34
libtool
lipo
lldb
llvm-g++
llvm-gcc
loads.d
locale
localedef
locate
lockf
lockstat
log

logger
login
logname
look
lorder
lp
lpoptions
lpq
lpr
lprm
lpstat
lsappinfo
lsbom
lskq
lsm
lsmpr
lsvfs
lwp-download
lwp-download5.34
lwp-dump
lwp-dump5.34
lwp-mirror
lwp-mirror5.34
lwp-request
lwp-request5.34
m4
macbinary
macerror
macerror5.34
machine
macoserror
mail
mailq
mailx
make
malloc_history

man
mandoc
mandoc_soelim
manpath
mcxquery
mcxrefresh
mddiagnose
mdfind
mdimport
mdls
mdutil
memory_pressure
mesg
mg
mib2c
mib2c-update
mig
mkbom
mkfifo
mklocale
mktemp
mnthome
modelcatalogdump
modelmanagerdump
moose-outdated
moose-outdated5.34
more
mp2bug
mpsgraphtool
nano
nbdst
nc
ncal
ncctl
ncdestroy
ncinit

nclist
ncurses5.4-config
net-server
net-server5.34
net-snmp-cert
net-snmp-config
net-snmp-create-v3-user
nettop
networkQuality
newaliases
newgrp
newproc.d
nfsstat
nice
nl
nm
nmedit
nohup
notifyutil
nscurl
nslookup
nsupdate
objdump
ocspcheck
od
odutil
open
opendiff
opensnoop
openssl
orbd
osacompile
osadecompile
osalang
osascript
otool

pack200
package-stash-conflicts
package-stash-conflicts5.34
pagesize
pagestuff
par.pl
par5.34.pl
parl
perl5.34
parldyn
parldyn5.34
passwd
paste
patch
pathchk
pathopens.d
pbcopy
pbpaste
pcap-config
pcscctest
perl
perl5.34
perlbug
perlbug5.34
perldoc
perldoc5.34
perlvp
perlvp5.34
perlthanks
perlthanks5.34
pgrep
pico
piconv
piconv5.34
pidpersec.d
pip3

pkgbuild
pkill
pl
pl2pm
pl2pm5.34
plockstat
pluginkit
plutil
pmset
pod2html
pod2html5.34
pod2man
pod2man5.34
pod2readme
pod2readme5.34
pod2text
pod2text5.34
pod2usage
pod2usage5.34
podchecker
podchecker5.34
policytool
power_report.sh
powermetrics
pp
pp5.34
ppdc
ppdhtml
ppdi
ppdmerge
ppdpo
pr
priclass.d
pridist.d
printenv
printf

procsystime
productbuild
productsign
profiles
prove
prove5.34
psm
ptar
ptar5.34
ptardiff
ptardiff5.34
ptargrep
ptargrep5.34
pwpolicy
python3
qlmanage
quota
rails
rake
ranlib
rdoc
read
readlink
renice
reset
ResMerger
resolveLinks
rev
Rez
ri
rmic
rmid
rmiregistry
rpcgen
rs
rsync

ruby
rview
rvim
rwbypid.d
rwbytype.d
rwsnoop
safaridriver
SafeEjectGPU
sample
sampleproc
sandbox-exec
say
sc_usage
scandeps.pl
scandeps5.34.pl
scp
screen
script
sdef
sdiff
sdp
sdx
security
sed
seeksize.d
segedit
seq
serialver
servertool
SetFile
setregion
setuids.d
sfltool
sftp
shar
shasum

shasum5.34
shazam
shlock
shortcuts
showmount
sigdist.d
sips
size
slogin
smbutil
snfsdefrag
snmp-bridge-mib
snmpbulkget
snmpbulkwalk
snmpconf
snmpdelta
snmpdf
snmpget
snmpgetnext
snmpinform
snmpnetstat
snmpset
snmpstatus
snmptable
snmptest
snmptranslate
snmptrap
snmpusm
snmpvacm
snmpwalk
sntp
sort
sourcekit-lsp
spfd
spfd5.34
spfquery

spfquery5.34
splain
splain5.34
split
SplitForks
sqlite3
ssh
ssh-add
ssh-agent
ssh-copy-id
ssh-keygen
ssh-keyscan
stapler
stat
streamzip
streamzip5.34
stringdups
strings
strip
stz
su
sudo
sum
sw_vers
swcutil
swift
swift-inspect
swiftc
symbols
symbolscache
syscallbypid.d
syscallbyproc.d
syscallbysysc.d
sysdiagnose
syslog
syspolicy_check

system-override
systemextensionsctl
tab2space
tabs
tail
tailspin
talk
tar
taskinfo
tbtldiagnose
tccutil
tclsh
tclsh8.5
tee
test-yaml
test-yaml5.34
textutil
tftp
thermal
tic
tidy
tidy_changelog
tidy_changelog5.34
tiff2icns
tiffutil
time
timer_analyser.d
timerfires
timesyncanalyse
tkcon
tkmib
tkpp
tkpp5.34
tmdiagnose
tmutil
tnameserv

toe
top
tops
topsyscall
topsysproc
touch
tput
tr
trace
traptoemail
trash
treereg
treereg5.34
trimforce
true
truncate
trustcachectl
tset
tsort
tty
type
ul
ulimit
umask
umtool
unalias
uname
uncompress
unexpand
unifdef
unifdefall
uniq
units
unpack200
unvis
unzip

unzipsfx
update_dyld_shared_cache
update_mcdp29xx
uptime
usbcfwflasher
usbdiagnose
usdcap
usdcchecker
usdcrush
usdextract
usdrecord
usdtree
usdzip
users
uttype
uucp
uudecode
uuencode
uuidgen
uulog
uuname
uupick
uustat
uuto
uux
vi
view
viewdiagnostic
vim
vimdiff
vimtutor
vis
vm_stat
vmmap
vtool
w

wait
wall
wc
wdutil
what
whatis
whereis
which
who
whoami
whois
wish
wish8.5
write
xar
xargs
xattr
xcdebug
xcode-select
xcodebuild
xcrun
xcscontrol
xcsdiagnose
xctrace
xed
xgettext.pl
xgettext5.34.pl
xip
xml2-config
xml2man
xmlcatalog
xmllint
xpath
xpath5.34
xprotect
xslt-config

xsltproc
xsubpp
xsubpp5.34
xxd
yaa
yacc
yamlpp-events
yamlpp-events5.34
yamlpp-highlight
yamlpp-highlight5.34
yamlpp-load
yamlpp-load-dump
yamlpp-load-dump5.34
yamlpp-load5.34
yamlpp-parse-emit
yamlpp-parse-emit5.34
yapp
yapp5.34
yes
zcat
zcmp
zdiff
zegrep
zfgrep
zforce
zgrep
zip
zipcloak
zipdetails
zipdetails5.34
zipgrep
zipinfo
zipnote
zipsplit
zless
zmore

znew
zprint

* /usr/sbin directory file list *

ab
ac
accton
amt
apachectl
appleh13camerad
appleh16camerad
appsleefd
arp
aslmanager
asr
audit
auditd
auditreduce
authserver
automount
avbdeviced
bless
BlueTool
bluetoothd
BootCacheControl
BTLEServer
BTLEServerAgent
cfprefsd
chat
checkgid
chown
chroot
ckksctl
coreaudiod
createhomedir
cron

cupsaccept
cupsctl
cupsd
cupsdisable
cupsenable
cupsfilter
cupsreject
cvadmin
cvdb
cvdbset
cvfsck
cvfsdb
cvfsid
cvgather
cvlabel
cvmkfs
cvupdatefs
cvversions
dbmmanage
ddns-confgen
dev_mkdb
DevToolsSecurity
DirectoryService
diskutil
distnoted
dnctl
dot_clean
dsconfigad
dsconfigldap
dseditgroup
dsenableroot
dtrace
edquota
envvars
envvars-std
fcgistarter

fdisk
filecoordinationd
firmwarepasswd
gpt
graphicsession
gssd
hdik
htcacheclean
htdbm
htdigest
htpasswd
httpd
httpd-wrapper
httxt2dbm
installer
ioalloccount
ioclasscount
ioreg
iostat
ipconfig
iRATBW.mlmodelc
kadmin
kadmin.local
kcditto
kdcsetup
KernelEventAgent
kextcache
kextfind
kextlibs
kextstat
klist_cdhashes
krbsetup
ktutil
languagesetup
localemanager
logresolve

lpadmin
lpc
lpinfo
lpmove
lsof
mDNSResponder
mDNSResponderHelper
mkextunpack
mkfile
mkpassdb
mtree
ndp
netbiosd
netstat
networksetup
newsyslog
nfs4mapid
nlcontrol
notifyd
nvram
ocspd
otctl
PasswordService
pdisk
pkgutil
postalias
postcat
postconf
postdrop
postfix
postkick
postlock
postlog
postmap
postmulti
postqueue

postsuper
pppd
praudit
purge
pwd_mkdb
quotaoff
quotaon
racoona
rarpd
repairHomePermissions
repquota
rotatelogs
rpc.lockd
rpc.statd
rpcbind
rpcinfo
rtadvd
sa
sc_auth
screencapture
scselect
scutil
securityd
sendmail
serverinfo
setkey
setquota
sharing
skywalkctl
slapacl
slapadd
slapauth
slapcat
slapconfig
slapdn
slapindex

slappasswd
slapschema
slaptest
smbd
smbdiagnose
sndiskmove
snmpd
snmptrapd
snquota
sntp
softwareupdate
spctl
spindump
spray
sshd
sso_util
sysadminctl
sysctl
syslogd
system_profiler
systemkeychain
systemsetup
systemsoundserviced
systemstats
taskpolicy
tcpdump
traceroute
traceroute6
tsig-keygen
uasysdiagnose
universalaccessd
unsetpassword
usertimed
uuchk
uucico
uuconv

uusched
uuxqt
vifs
vipw
visudo
vpnd
vsdbutil
weakpass_edit
wfscctl
WirelessRadioManagerd
xartutil
xsanctl
xscertadmin
zdump
zic