[alias](https://ss64.com/bash/alias.html) Create an alias •  
 apropos Search Help manual pages (man -k)  
  [apt-get](https://ss64.com/bash/apt-get.html) Search for and install software packages (Debian/Ubuntu)  
  [aptitude](https://ss64.com/bash/aptitude.html) Search for and install software packages (Debian/Ubuntu)  
  [aspell](https://ss64.com/bash/aspell.html) Spell Checker  
  [awk](https://ss64.com/bash/awk.html) Find and Replace text, database sort/validate/index  
b  
  [basename](https://ss64.com/bash/basename.html) Strip directory and suffix from filenames  
 bash GNU Bourne-Again SHell   
  [bc](https://ss64.com/bash/bc.html) Arbitrary precision calculator language   
  [bg](https://ss64.com/bash/bg.html) Send to background  
  [bind](https://ss64.com/bash/bind.html) Set or display readline key and function bindings •  
  [break](https://ss64.com/bash/break.html) Exit from a loop •  
  [builtin](https://ss64.com/bash/builtin.html) Run a shell builtin  
  [bzip2](https://ss64.com/bash/bzip2.html) Compress or decompress named file(s)  
c  
  [cal](https://ss64.com/bash/cal.html) Display a calendar  
  [case](https://ss64.com/bash/case.html) Conditionally perform a command  
  [cat](https://ss64.com/bash/cat.html) Concatenate and print (display) the content of files  
  [cd](https://ss64.com/bash/cd.html) Change Directory  
  [cfdisk](https://ss64.com/bash/cfdisk.html) Partition table manipulator for Linux  
  [chattr](https://ss64.com/bash/chattr.html) Change file attributes on a Linux file system   
  [chgrp](https://ss64.com/bash/chgrp.html) Change group ownership  
  [chmod](https://ss64.com/bash/chmod.html) Change access permissions  
  [chown](https://ss64.com/bash/chown.html) Change file owner and group  
  [chroot](https://ss64.com/bash/chroot.html) Run a command with a different root directory  
  [chkconfig](https://ss64.com/bash/chkconfig.html) System services (runlevel)  
  [cksum](https://ss64.com/bash/cksum.html) Print CRC checksum and byte counts  
 clear Clear terminal screen  
  [cmp](https://ss64.com/bash/cmp.html) Compare two files  
  [comm](https://ss64.com/bash/comm.html) Compare two sorted files line by line  
  [command](https://ss64.com/bash/command.html) Run a command - ignoring shell functions •  
  [continue](https://ss64.com/bash/continue.html) Resume the next iteration of a loop •  
  [cp](https://ss64.com/bash/cp.html) Copy one or more files to another location  
  [cron](https://ss64.com/bash/cron.html) Daemon to execute scheduled commands  
  [crontab](https://ss64.com/bash/crontab.html) Schedule a command to run at a later time  
  [csplit](https://ss64.com/bash/csplit.html) Split a file into context-determined pieces  
  [curl](https://ss64.com/bash/curl.html) Transfer data from or to a server  
  [cut](https://ss64.com/bash/cut.html) Divide a file into several parts  
d  
  [date](https://ss64.com/bash/date.html) Display or change the date & time  
  [dc](https://ss64.com/bash/dc.html) Desk Calculator  
  [dd](https://ss64.com/bash/dd.html) Convert and copy a file, write disk headers, boot records  
  [ddrescue](https://ss64.com/bash/ddrescue.html) Data recovery tool  
  [declare](https://ss64.com/bash/declare.html) Declare variables and give them attributes •  
  [df](https://ss64.com/bash/df.html) Display free disk space  
  [diff](https://ss64.com/bash/diff.html) Display the differences between two files  
  [diff3](https://ss64.com/bash/diff3.html) Show differences among three files  
  [dig](https://ss64.com/bash/dig.html) DNS lookup  
  [dir](https://ss64.com/bash/dir.html) Briefly list directory contents  
  [dircolors](https://ss64.com/bash/dircolors.html) Colour setup for `ls'  
  [dirname](https://ss64.com/bash/dirname.html) Convert a full pathname to just a path  
  [dirs](https://ss64.com/bash/dirs.html) Display list of remembered directories  
  [dmesg](https://ss64.com/bash/dmesg.html) Print kernel & driver messages   
  [du](https://ss64.com/bash/du.html) Estimate file space usage  
e  
  [echo](https://ss64.com/bash/echo.html) Display message on screen •  
  [egrep](https://ss64.com/bash/egrep.html) Search file(s) for lines that match an extended expression  
  [eject](https://ss64.com/bash/eject.html) Eject removable media  
  [enable](https://ss64.com/bash/enable.html) Enable and disable builtin shell commands •  
  [env](https://ss64.com/bash/env.html) Environment variables  
 ethtool Ethernet card settings  
  [eval](https://ss64.com/bash/eval.html) Evaluate several commands/arguments  
  [exec](https://ss64.com/bash/exec.html) Execute a command  
  [exit](https://ss64.com/bash/exit.html) Exit the shell  
  [expect](https://en.wikipedia.org/wiki/Expect) Automate arbitrary applications accessed over a terminal  
  [expand](https://ss64.com/bash/expand.html) Convert tabs to spaces  
  [export](https://ss64.com/bash/export.html) Set an environment variable  
  [expr](https://ss64.com/bash/expr.html) Evaluate expressions  
f  
  [false](https://ss64.com/bash/false.html) Do nothing, unsuccessfully  
  [fdformat](https://ss64.com/bash/fdformat.html) Low-level format a floppy disk  
  [fdisk](https://ss64.com/bash/fdisk.html) Partition table manipulator for Linux  
  [fg](https://ss64.com/bash/fg.html) Send job to foreground   
  [fgrep](https://ss64.com/bash/fgrep.html) Search file(s) for lines that match a fixed string  
  [file](https://ss64.com/bash/file.html) Determine file type  
  [find](https://ss64.com/bash/find.html) Search for files that meet a desired criteria  
  [fmt](https://ss64.com/bash/fmt.html) Reformat paragraph text  
  [fold](https://ss64.com/bash/fold.html) Wrap text to fit a specified width.  
  [for](https://ss64.com/bash/for.html) Expand *words*, and execute *commands*  
 format Format disks or tapes  
 free Display memory usage  
  [fsck](https://ss64.com/bash/fsck.html) File system consistency check and repair  
  [ftp](https://ss64.com/bash/ftp.html) File Transfer Protocol  
  [function](https://ss64.com/bash/function.html) Define Function Macros  
  [fuser](https://ss64.com/bash/fuser.html) Identify/kill the process that is accessing a file  
g  
  [gawk](https://ss64.com/bash/awk.html) Find and Replace text within file(s)  
  [getopts](https://ss64.com/bash/getopts.html) Parse positional parameters  
  [grep](https://ss64.com/bash/grep.html) Search file(s) for lines that match a given pattern  
  [groupadd](https://ss64.com/bash/groupadd.html) Add a user security group  
  [groupdel](https://ss64.com/bash/groupdel.html) Delete a group  
  [groupmod](https://ss64.com/bash/groupmod.html) Modify a group  
  [groups](https://ss64.com/bash/groups.html) Print group names a user is in  
  [gzip](https://ss64.com/bash/gzip.html) Compress or decompress named file(s)  
h  
  [hash](https://ss64.com/bash/hash.html) Remember the full pathname of a name argument  
  [head](https://ss64.com/bash/head.html) Output the first part of file(s)  
 help Display help for a built-in command •  
  [history](https://ss64.com/bash/history.html) Command History  
  [hostname](https://ss64.com/bash/hostname.html) Print or set system name  
  [htop](https://ss64.com/bash/htop.html) Interactive process viewer  
i  
  [iconv](https://ss64.com/bash/iconv.html) Convert the character set of a file  
  [id](https://ss64.com/bash/id.html) Print user and group id's  
  [if](https://ss64.com/bash/if.html) Conditionally perform a command  
  [ifconfig](https://ss64.com/bash/ifconfig.html) Configure a network interface  
  [ifdown](https://ss64.com/bash/ifup.html) Stop a network interface   
  [ifup](https://ss64.com/bash/ifup.html) Start a network interface up  
  [import](https://ss64.com/bash/import.html) Capture an X server screen and save the image to file  
  [install](https://ss64.com/bash/install.html) Copy files and set attributes  
  [iostat](https://ss64.com/bash/iostat.html) Report CPU and i/o statistics  
  [ip](https://ss64.com/bash/ip.html) Routing, devices and tunnels  
j  
  [jobs](https://ss64.com/bash/jobs.html) List active jobs •  
  [join](https://ss64.com/bash/join.html) Join lines on a common field  
k  
  [kill](https://ss64.com/bash/kill.html) Kill a process by specifying its PID  
  [killall](https://ss64.com/bash/killall.html) Kill processes by name  
l  
  [less](https://ss64.com/bash/less.html) Display output one screen at a time  
  [let](https://ss64.com/bash/let.html) Perform arithmetic on shell variables •  
  [link](https://ss64.com/bash/link.html) Create a link to a file   
  [ln](https://ss64.com/bash/ln.html) Create a symbolic link to a file  
  [local](https://ss64.com/bash/local.html) Create a function variable •  
  [locate](https://ss64.com/bash/locate.html) Find files  
  [logname](https://ss64.com/bash/logname.html) Print current login name  
  [logout](https://ss64.com/bash/logout.html) Exit a login shell •  
  [look](https://ss64.com/bash/look.html) Display lines beginning with a given string  
  [lpc](https://ss64.com/bash/lpc.html) Line printer control program  
  [lpr](https://ss64.com/bash/lpr.html) Off line print  
 lprint Print a file  
 lprintd Abort a print job  
 lprintq List the print queue  
  [lprm](https://ss64.com/bash/lprm.html) Remove jobs from the print queue  
  [lsattr](https://ss64.com/bash/lsattr.html) List file attributes on a Linux second extended file system  
  [lsblk](https://ss64.com/bash/lsblk.html) List block devices  
  [ls](https://ss64.com/bash/ls.html) List information about file(s)  
  [lsof](https://ss64.com/bash/lsof.html) List open files  
m  
 make Recompile a group of programs  
  [man](https://ss64.com/bash/man.html) Help manual  
  [mkdir](https://ss64.com/bash/mkdir.html) Create new folder(s)  
  [mkfifo](https://ss64.com/bash/mkfifo.html) Make FIFOs (named pipes)  
 mkisofs Create an hybrid ISO9660/JOLIET/HFS filesystem  
  [mknod](https://ss64.com/bash/mknod.html) Make block or character special files  
  [more](https://ss64.com/bash/more.html) Display output one screen at a time  
  [most](https://ss64.com/bash/most.html) Browse or page through a text file  
  [mount](https://ss64.com/bash/mount.html) Mount a file system  
  [mtools](https://ss64.com/bash/mtools.html) Manipulate MS-DOS files  
  [mtr](https://ss64.com/bash/mtr.html) Network diagnostics (traceroute/ping)  
  [mv](https://ss64.com/bash/mv.html) Move or rename files or directories  
  [mmv](https://ss64.com/bash/mmv.html) Mass Move and rename (files)  
n  
  [nc](https://ss64.com/bash/nc.html) Netcat, read and write data across networks  
 netstat Networking information  
  [nice](https://ss64.com/bash/nice.html) Set the priority of a command or job  
  [nl](https://ss64.com/bash/nl.html) Number lines and write files  
  [nohup](https://ss64.com/bash/nohup.html) Run a command immune to hangups  
  [notify-send](https://ss64.com/bash/notify-send.html) Send desktop notifications  
  [nslookup](https://ss64.com/bash/nslookup.html) Query Internet name servers interactively  
o  
  [open](https://ss64.com/bash/open.html) Open a file in its default application  
  [op](https://ss64.com/bash/op.html) Operator access   
p  
  [passwd](https://ss64.com/bash/passwd.html) Modify a user password  
  [paste](https://ss64.com/bash/paste.html) Merge lines of files  
 pathchk Check file name portability  
  [ping](https://ss64.com/bash/ping.html) Test a network connection  
  [pgrep](https://ss64.com/bash/pkill.html) List processes by name  
  [pkill](https://ss64.com/bash/pkill.html) Kill processes by name  
  [popd](https://ss64.com/bash/popd.html) Restore the previous value of the current directory  
  [pr](https://ss64.com/bash/pr.html) Prepare files for printing  
 printcap Printer capability database  
 printenv Print environment variables  
  [printf](https://ss64.com/bash/printf.html) Format and print data •  
  [ps](https://ss64.com/bash/ps.html) Process status  
  [pushd](https://ss64.com/bash/pushd.html) Save and then change the current directory  
  [pv](https://ss64.com/bash/pv.html) Monitor the progress of data through a pipe   
  [pwd](https://ss64.com/bash/pwd.html) Print Working Directory  
q  
  [quota](https://ss64.com/bash/quota.html) Display disk usage and limits  
  [quotacheck](https://ss64.com/bash/quotacheck.html) Scan a file system for disk usage  
r  
  [ram](https://ss64.com/bash/ram.html) ram disk device  
  [rar](https://ss64.com/bash/rar.html) Archive files with compression  
  [rcp](https://ss64.com/bash/rcp.html) Copy files between two machines  
  [read](https://ss64.com/bash/read.html) Read a line from standard input •  
 readarray Read from stdin into an array variable •  
  [readonly](https://ss64.com/bash/readonly.html) Mark variables/functions as readonly  
 reboot Reboot the system  
  [rename](https://ss64.com/bash/rename.html) Rename files  
 renice Alter priority of running processes   
 remsync Synchronize remote files via email  
  [return](https://ss64.com/bash/return.html) Exit a shell function  
  [rev](https://ss64.com/bash/rev.html) Reverse lines of a file  
  [rm](https://ss64.com/bash/rm.html) Remove files  
  [rmdir](https://ss64.com/bash/rmdir.html) Remove folder(s)  
  [rsync](https://ss64.com/bash/rsync.html) Remote file copy (Synchronize file trees)  
s  
  [screen](https://ss64.com/bash/screen.html) Multiplex terminal, run remote shells via ssh  
  [scp](https://ss64.com/bash/scp.html) Secure copy (remote file copy)  
  [sdiff](https://ss64.com/bash/sdiff.html) Merge two files interactively  
  [sed](https://ss64.com/bash/sed.html) Stream Editor  
  [select](https://ss64.com/bash/select.html) Accept keyboard input  
  [seq](https://ss64.com/bash/seq.html) Print numeric sequences  
  [set](https://ss64.com/bash/set.html) Manipulate shell variables and functions  
 sftp Secure File Transfer Program  
  [shift](https://ss64.com/bash/shift.html) Shift positional parameters  
  [shopt](https://ss64.com/bash/shopt.html) Shell Options  
  [shutdown](https://ss64.com/bash/shutdown.html) Shutdown or restart linux  
  [sleep](https://ss64.com/bash/sleep.html) Delay for a specified time  
  [slocate](https://ss64.com/bash/slocate.html) Find files  
  [sort](https://ss64.com/bash/sort.html) Sort text files  
  [source](https://ss64.com/bash/source.html) Run commands from a file '.'  
  [split](https://ss64.com/bash/split.html) Split a file into fixed-size pieces  
  [ss](https://ss64.com/bash/ss.html) Socket Statistics  
  [ssh](https://ss64.com/bash/ssh.html) Secure Shell client (remote login program)  
  [stat](https://ss64.com/bash/stat.html) Display file or file system status   
  [strace](https://ss64.com/bash/strace.html) Trace system calls and signals  
  [su](https://ss64.com/bash/su.html) Substitute user identity  
  [sudo](https://ss64.com/bash/sudo.html) Execute a command as another user  
  [sum](https://ss64.com/bash/sum.html) Print a checksum for a file  
  [suspend](https://ss64.com/bash/suspend.html) Suspend execution of this shell •  
  [sync](https://ss64.com/bash/sync.html) Synchronize data on disk with memory  
t  
  [tail](https://ss64.com/bash/tail.html) Output the last part of file  
  [tar](https://ss64.com/bash/tar.html) Store, list or extract files in an archive  
  [tee](https://ss64.com/bash/tee.html) Redirect output to multiple files  
  [test](https://ss64.com/bash/test.html) Evaluate a conditional expression  
  [time](https://ss64.com/bash/time.html) Measure Program running time  
  [timeout](https://ss64.com/bash/timeout.html) Run a command with a time limit  
  [times](https://ss64.com/bash/times.html) User and system times  
  [touch](https://ss64.com/bash/touch.html) Change file timestamps  
  [top](https://ss64.com/bash/top.html) List processes running on the system  
  [tput](https://ss64.com/bash/tput.html) Set terminal-dependent capabilities, color, position  
  [traceroute](https://ss64.com/bash/traceroute.html) Trace Route to Host  
 trap Run a command when a signal is set(bourne)  
  [tr](https://ss64.com/bash/tr.html) Translate, squeeze, and/or delete characters  
  [true](https://ss64.com/bash/true.html) Do nothing, successfully  
  [tsort](https://ss64.com/bash/tsort.html) Topological sort  
  [tty](https://ss64.com/bash/tty.html) Print filename of terminal on stdin  
  [type](https://ss64.com/bash/type.html) Describe a command •  
u  
  [ulimit](https://ss64.com/bash/ulimit.html) Limit user resources •  
  [umask](https://ss64.com/bash/umask.html) Users file creation mask  
 umount Unmount a device  
  [unalias](https://ss64.com/bash/alias.html) Remove an alias •  
  [uname](https://ss64.com/bash/uname.html) Print system information  
  [unexpand](https://ss64.com/bash/unexpand.html) Convert spaces to tabs  
  [uniq](https://ss64.com/bash/uniq.html) Uniquify files  
  [units](https://ss64.com/bash/units.html) Convert units from one scale to another  
  [unrar](https://ss64.com/bash/unrar.html) Extract files from a rar archive   
  [unset](https://ss64.com/bash/unset.html) Remove variable or function names  
  [unshar](https://ss64.com/bash/unshar.html) Unpack shell archive scripts  
  [until](https://ss64.com/bash/until.html) Execute commands (until error)  
 uptime Show uptime  
  [useradd](https://ss64.com/bash/useradd.html) Create new user account  
  [userdel](https://ss64.com/bash/userdel.html) Delete a user account  
  [usermod](https://ss64.com/bash/usermod.html) Modify user account  
  [users](https://ss64.com/bash/users.html) List users currently logged in  
  [uuencode](https://ss64.com/bash/uuencode.html) Encode a binary file   
  [uudecode](https://ss64.com/bash/uuencode.html) Decode a file created by uuencode  
v  
 v Verbosely list directory contents (`ls -l -b')  
 vdir Verbosely list directory contents (`ls -l -b')  
  [vi](https://ss64.com/vi.html) Text Editor  
  [vmstat](https://ss64.com/bash/vmstat.html) Report virtual memory statistics  
w  
  [wait](https://ss64.com/bash/wait.html) Wait for a process to complete •  
  [watch](https://ss64.com/bash/watch.html) Execute/display a program periodically  
  [wc](https://ss64.com/bash/wc.html) Print byte, word, and line counts  
  [whereis](https://ss64.com/bash/whereis.html) Search the user's $path, man pages and source files for a program  
  [which](https://ss64.com/bash/which.html) Search the user's $path for a program file  
  [while](https://ss64.com/bash/while.html) Execute commands  
  [who](https://ss64.com/bash/who.html) Print all usernames currently logged in  
  [whoami](https://ss64.com/bash/whoami.html) Print the current user id and name (`id -un')  
 wget Retrieve web pages or files via HTTP, HTTPS or FTP  
  [write](https://ss64.com/bash/write.html) Send a message to another user   
x  
  [xargs](https://ss64.com/bash/xargs.html) Execute utility, passing constructed argument list(s)  
  [xdg-open](https://ss64.com/bash/xdg-open.html) Open a file or URL in the user's preferred application.  
  [xz](https://ss64.com/bash/xz.html) Compress or decompress .xz and .lzma files  
  [yes](https://ss64.com/bash/yes.html) Print a string until interrupted  
  [zip](https://ss64.com/bash/zip.html) Package and compress (archive) files.  
  [.](https://ss64.com/bash/source.html) Run a command script in the current shell  
  [!!](https://ss64.com/bash/bang.html) Run the last command again  
  [###](https://ss64.com/bash/rem.html) Comment / Remark

Commands marked • are bash *built-ins*

Many commands particularly the Core Utils are also available under alternate [shells](http://www.freebsd.org/ports/shells.html) (C shell, Korn shell etc).