# An A-Z Index of the Bash command line for Linux.

* A
* [alias](http://ss64.com/bash/alias.html) Create an alias•
* apropos Search Help manual pages (man -k)
* [apt-get](http://ss64.com/bash/apt-get.html) Search for and install software packages ( Debian /Ubuntu)
* [aptitude](http://ss64.com/bash/aptitude.html) Search for and install software packages (Debian/Ubuntu)
* [aspell](http://ss64.com/bash/aspell.html) Spell Checker
* [awk](http://ss64.com/bash/awk.html) Find and Replace text, database sort/validate/index
* B
* [basename](http://ss64.com/bash/basename.html) Strip directory and suffix from filenames
* bash GNU Bourne-Again Shell
* [bc](http://ss64.com/bash/bc.html) Arbitrary precision calculator language
* [bg](http://ss64.com/bash/bg.html) Send to background
* [break](http://ss64.com/bash/break.html) Exit from a loop •
* [builtin](http://ss64.com/bash/builtin.html) Run a shell built in
* [bzip2](http://ss64.com/bash/bzip2.html) Compress or decompress named file(s)
* c
* [cal](http://ss64.com/bash/cal.html) Display a calendar
* [case](http://ss64.com/bash/case.html) Conditionally perform a command
* [cat](http://ss64.com/bash/cat.html) Concatenate and print (display) the content of files
* [cd](http://ss64.com/bash/cd.html) Change Directory
* [cfdisk](http://ss64.com/bash/cfdisk.html) Partition table manipulator for Linux
* [chgrp](http://ss64.com/bash/chgrp.html) Change group ownership
* [chmod](http://ss64.com/bash/chmod.html) Change access permissions
* [chown](http://ss64.com/bash/chown.html) Change file owner and group
* [chroot](http://ss64.com/bash/chroot.html) Run a command with a different root directory
* [chkconfig](http://ss64.com/bash/chkconfig.html) System services (runlevel)
* [cksum](http://ss64.com/bash/cksum.html) Print CRC checksum and byte counts
* clear Clear terminal screen
* [cmp](http://ss64.com/bash/cmp.html) Compare two files
* [comm](http://ss64.com/bash/comm.html) Compare two sorted files line by line
* [command](http://ss64.com/bash/command.html) Run a command - ignoring shell functions •
* [continue](http://ss64.com/bash/continue.html) Resume the next iteration of a loop •
* [cp](http://ss64.com/bash/cp.html) Copy one or more files to another location
* [cron](http://ss64.com/bash/cron.html) Daemon to execute scheduled commands
* [crontab](http://ss64.com/bash/crontab.html) Schedule a command to run at a later time
* [csplit](http://ss64.com/bash/csplit.html) Split a file into context-determined pieces
* [cut](http://ss64.com/bash/cut.html) Divide a file into several parts
* d
* [date](http://ss64.com/bash/date.html) Display or change the date & time
* [dc](http://ss64.com/bash/dc.html) Desk Calculator
* [dd](http://ss64.com/bash/dd.html) Convert and copy a file, write disk headers, boot records
* [ddrescue](http://ss64.com/bash/ddrescue.html) Data recovery tool
* [declare](http://ss64.com/bash/declare.html) Declare variables and give them attributes •
* [df](http://ss64.com/bash/df.html) Display free disk space
* [diff](http://ss64.com/bash/diff.html) Display the differences between two files
* [diff3](http://ss64.com/bash/diff3.html) Show differences among three files
* [dig](http://ss64.com/bash/dig.html) DNS lookup
* [dir](http://ss64.com/bash/dir.html) Briefly list directory contents
* [dircolors](http://ss64.com/bash/dircolors.html) Colour setup for `ls'
* [dirname](http://ss64.com/bash/dirname.html) Convert a full pathname to just a path
* [dirs](http://ss64.com/bash/dirs.html) Display list of remembered directories
* [dmesg](http://ss64.com/bash/dmesg.html) Print kernel & driver messages
* [du](http://ss64.com/bash/du.html) Estimate file space usage

e

* [echo](http://ss64.com/bash/echo.html) Display message on screen •
* [egrep](http://ss64.com/bash/egrep.html) Search file(s) for lines that match an extended expression
* [eject](http://ss64.com/bash/eject.html) Eject removable media
* [enable](http://ss64.com/bash/enable.html) Enable and disable builtin shell commands •
* [env](http://ss64.com/bash/env.html) Environment variables
* ethtool Ethernet card settings
* [eval](http://ss64.com/bash/eval.html) Evaluate several commands/arguments
* [exec](http://ss64.com/bash/exec.html) Execute a command
* [exit](http://ss64.com/bash/exit.html) Exit the shell
* [expect](http://en.wikipedia.org/wiki/Expect) Automate arbitrary applications accessed over a terminal
* [expand](http://ss64.com/bash/expand.html) Convert tabs to spaces
* [export](http://ss64.com/bash/export.html) Set an environment variable
* [expr](http://ss64.com/bash/expr.html) Evaluate expressions
* f
* [false](http://ss64.com/bash/false.html) Do nothing, unsuccessfully
* [fdformat](http://ss64.com/bash/fdformat.html) Low-level format a floppy disk
* [fdisk](http://ss64.com/bash/fdisk.html) Partition table manipulator for Linux
* [fg](http://ss64.com/bash/fg.html) Send job to foreground
* [fgrep](http://ss64.com/bash/fgrep.html) Search file(s) for lines that match a fixed string
* [file](http://ss64.com/bash/file.html) Determine file type
* [find](http://ss64.com/bash/find.html) Search for files that meet a desired criteria
* [fmt](http://ss64.com/bash/fmt.html) Reformat paragraph text
* [fold](http://ss64.com/bash/fold.html) Wrap text to fit a specified width.
* [for](http://ss64.com/bash/for.html) Expand words, and execute commands
* format Format disks or tapes
* free Display memory usage
* [fsck](http://ss64.com/bash/fsck.html) File system consistency check and repair
* [ftp](http://ss64.com/bash/ftp.html) File Transfer Protocol
* [function](http://ss64.com/bash/function.html) Define Function Macros
* [fuser](http://ss64.com/bash/fuser.html) Identify/kill the process that is accessing a file
* g
* [gawk](http://ss64.com/bash/awk.html) Find and Replace text within file(s)
* [getopts](http://ss64.com/bash/getopts.html) Parse positional parameters
* [grep](http://ss64.com/bash/grep.html) Search file(s) for lines that match a given pattern
* [groupadd](http://ss64.com/bash/groupadd.html) Add a user security group
* [groupdel](http://ss64.com/bash/groupdel.html) Delete a group
* [groupmod](http://ss64.com/bash/groupmod.html) Modify a group
* [groups](http://ss64.com/bash/groups.html) Print group names a user is in
* [gzip](http://ss64.com/bash/gzip.html) Compress or decompress named file(s)
* h
* [hash](http://ss64.com/bash/hash.html) Remember the full pathname of a name argument
* [head](http://ss64.com/bash/head.html) Output the first part of file(s)
* help Display help for a built-in command •
* [history](http://ss64.com/bash/history.html) Command History
* [hostname](http://ss64.com/bash/hostname.html) Print or set system name
* [htop](http://ss64.com/bash/htop.html) Interactive process viewer
* i
* [iconv](http://ss64.com/bash/iconv.html) Convert the character set of a file
* [id](http://ss64.com/bash/id.html) Print user and group id's
* [if](http://ss64.com/bash/if.html) Conditionally perform a command
* [ifconfig](http://ss64.com/bash/ifconfig.html) Configure a network interface
* [ifdown](http://ss64.com/bash/ifup.html) Stop a network interface
* [ifup](http://ss64.com/bash/ifup.html) Start a network interface up
* [import](http://ss64.com/bash/import.html) Capture an X server screen and save the image to file
* [install](http://ss64.com/bash/install.html) Copy files and set attributes
* [ip](http://ss64.com/bash/ip.html) Routing, devices and tunnels
* j
* [jobs](http://ss64.com/bash/jobs.html) List active jobs •
* [join](http://ss64.com/bash/join.html) Join lines on a common field
* k
* [kill](http://ss64.com/bash/kill.html) Kill a process by specifying its PID
* [killall](http://ss64.com/bash/killall.html) Kill processes by name
* l
* [less](http://ss64.com/bash/less.html) Display output one screen at a time
* [let](http://ss64.com/bash/let.html) Perform arithmetic on shell variables •
* [link](http://ss64.com/bash/link.html) Create a link to a file
* [ln](http://ss64.com/bash/ln.html) Create a symbolic link to a file
* [local](http://ss64.com/bash/local.html) Create variables •
* [locate](http://ss64.com/bash/locate.html) Find files
* [logname](http://ss64.com/bash/logname.html) Print current login name
* [logout](http://ss64.com/bash/logout.html) Exit a login shell •
* [look](http://ss64.com/bash/look.html) Display lines beginning with a given string
* [lpc](http://ss64.com/bash/lpc.html) Line printer control program
* [lpr](http://ss64.com/bash/lpr.html) Off line print
* lprint Print a file
* lprintd Abort a print job
* lprintq List the print queue
* [lprm](http://ss64.com/bash/lprm.html) Remove jobs from the print queue
* [ls](http://ss64.com/bash/ls.html) List information about file(s)
* [lsof](http://ss64.com/bash/lsof.html) List open files
* m
* make Recompile a group of programs
* [man](http://ss64.com/bash/man.html) Help manual
* [mkdir](http://ss64.com/bash/mkdir.html) Create new folder(s)
* [mkfifo](http://ss64.com/bash/mkfifo.html) Make FIFOs (named pipes)
* mkisofs Create an hybrid ISO9660/JOLIET/HFS filesystem
* [mknod](http://ss64.com/bash/mknod.html) Make block or character special files
* [more](http://ss64.com/bash/more.html) Display output one screen at a time
* [most](http://ss64.com/bash/most.html) Browse or page through a text file
* [mount](http://ss64.com/bash/mount.html) Mount a file system
* [mtools](http://ss64.com/bash/mtools.html) Manipulate MS-DOS files
* [mtr](http://ss64.com/bash/mtr.html) Network diagnostics (traceroute/ping)
* [mv](http://ss64.com/bash/mv.html) Move or rename files or directories
* [mmv](http://ss64.com/bash/mmv.html) Mass Move and rename (files)
* n
* netstat Networking information
* [nice](http://ss64.com/bash/nice.html) Set the priority of a command or job
* [nl](http://ss64.com/bash/nl.html) Number lines and write files
* [nohup](http://ss64.com/bash/nohup.html) Run a command immune to hangups
* [notify-send](http://ss64.com/bash/notify-send.html) Send desktop notifications
* [nslookup](http://ss64.com/bash/nslookup.html) Query Internet name servers interactively
* o
* [open](http://ss64.com/bash/open.html) Open a file in its default application
* [op](http://ss64.com/bash/op.html) Operator access
* p
* [passwd](http://ss64.com/bash/passwd.html) Modify a user password
* [paste](http://ss64.com/bash/paste.html) Merge lines of files
* pathchk Check file name portability
* [ping](http://ss64.com/bash/ping.html) Test a network connection
* [pkill](http://ss64.com/bash/pkill.html) Kill processes by a full or partial name.
* [popd](http://ss64.com/bash/popd.html) Restore the previous value of the current directory
* [pr](http://ss64.com/bash/pr.html) Prepare files for printing
* printcap Printer capability database
* printenv Print environment variables
* [printf](http://ss64.com/bash/printf.html) Format and print data •
* [ps](http://ss64.com/bash/ps.html) Process status
* [pushd](http://ss64.com/bash/pushd.html) Save and then change the current directory
* [pv](http://ss64.com/bash/pv.html) Monitor the progress of data through a pipe
* [pwd](http://ss64.com/bash/pwd.html) Print Working Directory
* q
* [quota](http://ss64.com/bash/quota.html) Display disk usage and limits
* [quotacheck](http://ss64.com/bash/quotacheck.html) Scan a file system for disk usage
* [quotactl](http://ss64.com/bash/quotactl.html) Set disk quotas
* r
* [ram](http://ss64.com/bash/ram.html) ram disk device
* [rar](http://ss64.com/bash/rar.html) Archive files with compression
* [rcp](http://ss64.com/bash/rcp.html) Copy files between two machines
* [read](http://ss64.com/bash/read.html) Read a line from standard input •
* readarray Read from stdin into an array variable •
* [readonly](http://ss64.com/bash/readonly.html) Mark variables/functions as readonly
* reboot Reboot the system
* [rename](http://ss64.com/bash/rename.html) Rename files
* renice Alter priority of running processes
* remsync Synchronize remote files via email
* [return](http://ss64.com/bash/return.html) Exit a shell function
* [rev](http://ss64.com/bash/rev.html) Reverse lines of a file
* [rm](http://ss64.com/bash/rm.html) Remove files
* [rmdir](http://ss64.com/bash/rmdir.html) Remove folder(s)
* [rsync](http://ss64.com/bash/rsync.html) Remote file copy (Synchronize file trees)
* s
* [screen](http://ss64.com/bash/screen.html) Multiplex terminal, run remote shells via ssh
* [scp](http://ss64.com/bash/scp.html) Secure copy (remote file copy)
* [sdiff](http://ss64.com/bash/sdiff.html) Merge two files interactively
* [sed](http://ss64.com/bash/sed.html) Stream Editor
* [select](http://ss64.com/bash/select.html) Accept keyboard input
* [seq](http://ss64.com/bash/seq.html) Print numeric sequences
* [set](http://ss64.com/bash/set.html) Manipulate shell variables and functions
* sftp Secure File Transfer Program
* [shift](http://ss64.com/bash/shift.html) Shift positional parameters
* [shopt](http://ss64.com/bash/shopt.html) Shell Options
* [shutdown](http://ss64.com/bash/shutdown.html) Shutdown or restart linux
* [sleep](http://ss64.com/bash/sleep.html) Delay for a specified time
* [slocate](http://ss64.com/bash/slocate.html) Find files
* [sort](http://ss64.com/bash/sort.html) Sort text files
* [source](http://ss64.com/bash/source.html) Run commands from a file '.'
* [split](http://ss64.com/bash/split.html) Split a file into fixed-size pieces
* [ssh](http://ss64.com/bash/ssh.html) Secure Shell client (remote login program)
* [stat](http://ss64.com/bash/stat.html) Display file or file system status
* [strace](http://ss64.com/bash/strace.html) Trace system calls and signals
* [su](http://ss64.com/bash/su.html) Substitute user identity
* [sudo](http://ss64.com/bash/sudo.html) Execute a command as another user
* [sum](http://ss64.com/bash/sum.html) Print a checksum for a file
* [suspend](http://ss64.com/bash/suspend.html) Suspend execution of this shell •
* [sync](http://ss64.com/bash/sync.html) Synchronize data on disk with memory
* t
* [tail](http://ss64.com/bash/tail.html) Output the last part of file
* [tar](http://ss64.com/bash/tar.html) Store, list or extract files in an archive
* [tee](http://ss64.com/bash/tee.html) Redirect output to multiple files
* [test](http://ss64.com/bash/test.html) Evaluate a conditional expression
* [time](http://ss64.com/bash/time.html) Measure Program running time
* [timeout](http://ss64.com/bash/timeout.html) Run a command with a time limit
* [times](http://ss64.com/bash/times.html) User and system times
* [touch](http://ss64.com/bash/touch.html) Change file timestamps
* [top](http://ss64.com/bash/top.html) List processes running on the system
* [tput](http://ss64.com/bash/tput.html) Set terminal-dependent capabilities, color, position
* [traceroute](http://ss64.com/bash/traceroute.html) Trace Route to Host
* trap Run a command when a signal is set(bourne)
* [tr](http://ss64.com/bash/tr.html) Translate, squeeze, and/or delete characters
* [true](http://ss64.com/bash/true.html) Do nothing, successfully
* [tsort](http://ss64.com/bash/tsort.html) Topological sort
* [tty](http://ss64.com/bash/tty.html) Print filename of terminal on stdin
* [type](http://ss64.com/bash/type.html) Describe a command •
* u
* [ulimit](http://ss64.com/bash/ulimit.html) Limit user resources •
* [umask](http://ss64.com/bash/umask.html) Users file creation mask
* umount Unmount a device
* [unalias](http://ss64.com/bash/alias.html) Remove an alias •
* [uname](http://ss64.com/bash/uname.html) Print system information
* [unexpand](http://ss64.com/bash/unexpand.html) Convert spaces to tabs
* [uniq](http://ss64.com/bash/uniq.html) Uniquify files
* [units](http://ss64.com/bash/units.html) Convert units from one scale to another
* [unrar](http://ss64.com/bash/unrar.html) Extract files from a rar archive
* [unset](http://ss64.com/bash/unset.html) Remove variable or function names
* [unshar](http://ss64.com/bash/unshar.html) Unpack shell archive scripts
* [until](http://ss64.com/bash/until.html) Execute commands (until error)
* uptime Show uptime
* [useradd](http://ss64.com/bash/useradd.html) Create new user account
* [userdel](http://ss64.com/bash/userdel.html) Delete a user account
* [usermod](http://ss64.com/bash/usermod.html) Modify user account
* [users](http://ss64.com/bash/users.html) List users currently logged in
* [uuencode](http://ss64.com/bash/uuencode.html) Encode a binary file
* [uudecode](http://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](http://ss64.com/vi.html) Text Editor
* [vmstat](http://ss64.com/bash/vmstat.html) Report virtual memory statistics
* w
* [wait](http://ss64.com/bash/wait.html) Wait for a process to complete •
* [watch](http://ss64.com/bash/watch.html) Execute/display a program periodically
* [wc](http://ss64.com/bash/wc.html) Print byte, word, and line counts
* [whereis](http://ss64.com/bash/whereis.html) Search the user's $path, man pages and source files for a program
* [which](http://ss64.com/bash/which.html) Search the user's $path for a program file
* [while](http://ss64.com/bash/while.html) Execute commands
* [who](http://ss64.com/bash/who.html) Print all usernames currently logged in
* [whoami](http://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](http://ss64.com/bash/write.html) Send a message to another user
* x
* [xargs](http://ss64.com/bash/xargs.html) Execute utility, passing constructed argument list(s)
* [xdg-open](http://ss64.com/bash/xdg-open.html) Open a file or URL in the user's preferred application.
* [yes](http://ss64.com/bash/yes.html) Print a string until interrupted
* [zip](http://ss64.com/bash/zip.html) Package and compress (archive) files.
* [.](http://ss64.com/bash/source.html) Run a command script in the current shell
* [!!](http://ss64.com/bash/bang.html) Run the last command again
* [###](http://ss64.com/bash/rem.html) Comment / Remark