



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

alias	Create an alias
apropos	Search Help manual pages (man -k)
apt-get	Search for and install software packages (Debian)
aspell	Spell Checker
awk	Find and Replace text, database sort/validate/index
b	
bash	GNU Bourne-Again SHell
bc	Arbitrary precision calculator language
bg	Send to background
break	Exit from a loop
builtin	Run a shell builtin
bzip2	Compress or decompress named file(s)
c	
cal	Display a calendar
case	Conditionally perform a command
cat	Display the contents of a file
cd	Change Directory
cfdisk	Partition table manipulator for Linux
chgrp	Change group ownership
chmod	Change access permissions
chown	Change file owner and group
chroot	Run a command with a different root directory
cksum	Print CRC checksum and byte counts
clear	Clear terminal screen
cmp	Compare two files
comm	Compare two sorted files line by line
command	Run a command - ignoring shell functions
continue	Resume the next iteration of a loop
cp	Copy one or more files to another location
cron	Daemon to execute scheduled commands

`crontab` Schedule a command to run at a later time
`csplit` Split a file into context-determined pieces
`cut` Divide a file into several parts

d

`date` Display or change the date & time
`dc` Desk Calculator
`dd` Convert and copy a file, write disk headers, boot records
`ddrescue` Data recovery tool
`declare` Declare variables and give them attributes
`df` Display free disk space
`diff` Display the differences between two files
`diff3` Show differences among three files
`dig` DNS lookup
`dir` Briefly list directory contents
`dircolors` Colour setup for `'ls'`
`dirname` Convert a full pathname to just a path
`dirs` Display list of remembered directories
`du` Estimate file space usage

e

`echo` Display message on screen
`egrep` Search file(s) for lines that match an extended expression
`eject` Eject removable media
`enable` Enable and disable builtin shell commands
`env` Environment variables
`ethtool` Ethernet card settings
`eval` Evaluate several commands/arguments
`exec` Execute a command
`exit` Exit the shell
`expect` Automate arbitrary applications accessed over a terminal
`expand` Convert tabs to spaces
`export` Set an environment variable
`expr` Evaluate expressions

f

`false` Do nothing, unsuccessfully
`fdformat` Low-level format a floppy disk
`fdisk` Partition table manipulator for Linux

`fg` Send job to foreground
`fgrep` Search file(s) for lines that match a fixed string
`file` Determine file type
`find` Search for files that meet a desired criteria
`fmt` Reformat paragraph text
`fold` Wrap text to fit a specified width.
`for` Expand *words*, and execute *commands*
`format` Format disks or tapes
`free` Display memory usage
`fsck` File system consistency check and repair
`ftp` File Transfer Protocol
`function` Define Function Macros

g

`gawk` Find and Replace text within file(s)
`getopts` Parse positional parameters
`grep` Search file(s) for lines that match a given pattern
`groups` Print group names a user is in
`gzip` Compress or decompress named file(s)

h

`hash` Remember the full pathname of a name argument
`head` Output the first part of file(s)
`history` Command History
`hostname` Print or set system name

i

`id` Print user and group id's
`if` Conditionally perform a command
`ifconfig` Configure a network interface
`ifdown` Stop a network interface
`ifup` Start a network interface up
`import` Capture an X server screen and save the image to file
`install` Copy files and set attributes

j

`join` Join lines on a common field

k

`kill` Stop a process from running

l

<code>less</code>	Display output one screen at a time
<code>let</code>	Perform arithmetic on shell variables
<code>ln</code>	Make links between files
<code>local</code>	Create variables
<code>locate</code>	Find files
<code>logname</code>	Print current login name
<code>logout</code>	Exit a login shell
<code>look</code>	Display lines beginning with a given string
<code>lpc</code>	Line printer control program
<code>lpr</code>	Off line print
<code>lprint</code>	Print a file
<code>lprntd</code>	Abort a print job
<code>lprintq</code>	List the print queue
<code>lprm</code>	Remove jobs from the print queue
<code>ls</code>	List information about file(s)
<code>lsof</code>	List open files
m	
<code>make</code>	Recompile a group of programs
<code>man</code>	Help manual
<code>mkdir</code>	Create new folder(s)
<code>mkfifo</code>	Make FIFOs (named pipes)
<code>mkisofs</code>	Create an hybrid ISO9660/JOLIET/HFS filesystem
<code>mknod</code>	Make block or character special files
<code>more</code>	Display output one screen at a time
<code>mount</code>	Mount a file system
<code>mttools</code>	Manipulate MS-DOS files
<code>mv</code>	Move or rename files or directories
n	
<code>netstat</code>	Networking information
<code>nice</code>	Set the priority of a command or job
<code>nl</code>	Number lines and write files
<code>nohup</code>	Run a command immune to hangups
<code>nslookup</code>	Query Internet name servers interactively
o	
<code>open</code>	Open a file in its default application
<code>op</code>	Operator access

p

`passwd` Modify a user password
`paste` Merge lines of files
`pathchk` Check file name portability
`ping` Test a network connection
`popd` Restore the previous value of the current directory
`pr` Prepare files for printing
`printcap` Printer capability database
`printenv` Print environment variables
`printf` Format and print data
`ps` Process status
`pushd` Save and then change the current directory
`pwd` Print Working Directory

q

`quota` Display disk usage and limits
`quotacheck` Scan a file system for disk usage
`quotactl` Set disk quotas

r

`ram` ram disk device
`rcp` Copy files between two machines.
`read` read a line from standard input
`readonly` Mark variables/functions as readonly
`renice` Alter priority of running processes
`remsync` Synchronize remote files via email
`return` Exit a shell function
`rm` Remove files
`rmdir` Remove folder(s)
`rsync` Remote file copy (Synchronize file trees)

s

`screen` Multiplex terminal, run remote shells via ssh
`scp` Secure copy (remote file copy)
`sdiff` Merge two files interactively
`sed` Stream Editor
`select` Accept keyboard input
`seq` Print numeric sequences
`set` Manipulate shell variables and functions

sftp	Secure File Transfer Program
shift	Shift positional parameters
shopt	Shell Options
shutdown	Shutdown or restart linux
sleep	Delay for a specified time
slocate	Find files
sort	Sort text files
source	Run commands from a file `.'
split	Split a file into fixed-size pieces
ssh	Secure Shell client (remote login program)
strace	Trace system calls and signals
su	Substitute user identity
sudo	Execute a command as another user
sum	Print a checksum for a file
symlink	Make a new name for a file
sync	Synchronize data on disk with memory
t	
tail	Output the last part of files
tar	Tape ARchiver
tee	Redirect output to multiple files
test	Evaluate a conditional expression
time	Measure Program running time
times	User and system times
touch	Change file timestamps
top	List processes running on the system
traceroute	Trace Route to Host
trap	Run a command when a signal is set(bourne)
tr	Translate, squeeze, and/or delete characters
true	Do nothing, successfully
tsort	Topological sort
tty	Print filename of terminal on stdin
type	Describe a command
u	
ulimit	Limit user resources
umask	Users file creation mask
umount	Unmount a device

`unalias` Remove an alias
`uname` Print system information
`unexpand` Convert spaces to tabs
`uniq` Uniquify files
`units` Convert units from one scale to another
`unset` Remove variable or function names
`unshar` Unpack shell archive scripts
`until` Execute commands (until error)
`useradd` Create new user account
`usermod` Modify user account
`users` List users currently logged in
`uuencode` Encode a binary file
`uudecode` Decode a file created by uuencode

v

`v` Verbosely list directory contents (``ls -l -b'`)
`vdir` Verbosely list directory contents (``ls -l -b'`)
`vi` Text Editor
`vmstat` Report virtual memory statistics

w

`watch` Execute/display a program periodically
`wc` Print byte, word, and line counts
`whereis` Report all known instances of a command
`which` Locate a program file in the user's path.
`while` Execute commands
`who` Print all usernames currently logged in
`whoami` Print the current user id and name (``id -un'`)
`Wget` Retrieve web pages or files via HTTP, HTTPS or FTP

x

`xargs` Execute utility, passing constructed argument list(s)
`yes` Print a string until interrupted
`.` Run a command script in the current shell
`###` Comment / Remark

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