



# A to Z Linux command line

Here are some linux commands for you so you can make your hands more and more dirty with ubun...



Here are some linux commands for you so you can make your hands more and more dirty with ubuntu terminal.

A-Z Index of the Bash command line for Linux

# Α

alias Create an alias • apropos Search Help manual pages (man -k)

apt-get Search for and install software packages (Debian/Ubuntu) aptitude Search for and install software packages (Debian/Ubuntu) aspell Spell Checker Find and Replace text, database sort/validate/index awk R basename Strip directory and suffix from filenames bash GNU Bourne-Again SHell Arbitrary precision calculator language ba Send to background break Exit from a loop • builtin Run a shell builtin bzip2 Compress or decompress named file(s) С cal Display a calendar case Conditionally perform a command Concatenate and print (display) the content of files cat 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 chkconfig System services (runlevel) 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.

Copy one or more files to another location CD 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

Desk Calculator dc

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

DNS lookup dig

Briefly list directory contents

dircolors Colour setup for `ls'

dirname Convert a full pathname to just a path

Display list of remembered directories

dmesg Print kernel & driver messages

Estimate file space usage

## Ε

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

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 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 File Transfer Protocol function Define Function Macros fuser Identify/kill the process that is accessing a file G gawk Find and Replace text within file(s) getopts Parse positional parameters grep Search file(s) for lines that match a given pattern groupadd Add a user security group groupdel Delete a group groupmod Modify a group groups Print group names a user is in gzip Compress or decompress named file(s)

# Н

hash Remember the full pathname of a name argument head Output the first part of file(s)
help Display help for a built-in command •
history Command History
hostname Print or set system name

## ı

iconv Convert the character set of a file
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

jobs List active jobs • join Join lines on a common field

# Κ

kill Stop a process from running killall Kill processes by name

# L

less Display output one screen at a time
let Perform arithmetic on shell variables •
link Create a link to a file

Create a symbolic link to a file ln local Create variables • locate Find files logname Print current login name logout Exit a login shell • look Display lines beginning with a given string Line printer control program Off line print lpr Iprint Print a file Iprintd Abort a print job Iprintq List the print queue Iprm Remove jobs from the print queue List information about file(s) ls Isof List open files make Recompile a group of programs

## М

Help manual man mkdir Create new folder(s) mkfifo Make FIFOs (named pipes) mkisofs Create an hybrid ISO9660/JOLIET/HFS filesystem mknod Make block or character special files more Display output one screen at a time mount Mount a file system mtools Manipulate MS-DOS files Network diagnostics (traceroute/ping) Move or rename files or directories mv mmv Mass Move and rename (files)

#### N

netstat Networking information nice Set the priority of a command or job Number lines and write files nohup Run a command immune to hangups notify-send Send desktop notifications nslookup Query Internet name servers interactively

# 0

open Open a file in its default application ор Operator access

# P

passwd Modify a user password paste Merge lines of files pathchk Check file name portability ping Test a network connection pkill Stop processes from running popd Restore the previous value of the current directory Prepare files for printing printcap Printer capability database printenv Print environment variables printf Format and print data . 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 disk device ram

Copy files between two machines rcp Read a line from standard input • readarray Read from stdin into an array variable • readonly Mark variables/functions as readonly reboot Reboot the system rename Rename files renice Alter priority of running processes remsync Synchronize remote files via email return Exit a shell function rev Reverse lines of a file Remove files rm rmdir Remove folder(s) rsync Remote file copy (Synchronize file trees) S screen Multiplex terminal, run remote shells via ssh Secure copy (remote file copy) sdiff Merge two files interactively sed Stream Editor select Accept keyboard input Print numeric sequences set Manipulate shell variables and functions Secure File Transfer Program sftp 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 a file into fixed-size pieces Secure Shell client (remote login program) ssh strace Trace system calls and signals Substitute user identity SU sudo Execute a command as another user sum Print a checksum for a file suspend Suspend execution of this shell • Synchronize data on disk with memory sync T tail Output the last part of file tar Tape ARchiver Redirect output to multiple files tee test Evaluate a conditional expression Measure Program running time timeout Run a command with a time limit times User and system times touch Change file timestamps List processes running on the system traceroute Trace Route to Host Run a command when a signal is set(bourne) trap tr Translate, squeeze, and/or delete characters true Do nothing, successfully tsort Topological sort tty Print filename of terminal on stdin Describe a command • type 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)

uptime Show uptime

useradd Create new user account userdel Delete a user account usermod Modify user account users List users currently logged in uuencode Encode a binary file

uudecode Decode a file created by uuencode

# ν

Verbosely list directory contents ('ls -l -b') vdir Verbosely list directory contents ('ls -l -b') Text Editor

vmstat Report virtual memory statistics

# W

wait Wait for a process to complete •

watch Execute/display a program periodically

Print byte, word, and line counts

whereis Search the user's \$path, man pages and source files for a program

which Search the user's \$path for a program file

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

write Send a message to another user

## X

xargs Execute utility, passing constructed argument list(s) xdg-open Open a file or URL in the user's preferred application.

Print a string until interrupted

Run a command script in the current shell

Run the last command again

### Comment / Remark

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