Linux Commands

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| **Command** | **Description** |  |  |
| adduser | Add a new user |  |  |
| [arch](https://www.mediacollege.com/linux/command/arch.html) | Print machine architecture |  |  |
| awk | Find and Replace text within file(s) |  |  |
| bc | An arbitrary precision calculator language |  |  |
| [cal](https://www.mediacollege.com/linux/command/cal.html) | Display a calendar |  |  |
| [cat](https://www.mediacollege.com/linux/command/cat.html) | Concatenate files and print on the standard output |  |  |
| [chdir](https://www.mediacollege.com/linux/command/chdir.html) | Change working directory |  |  |
| [chgrp](https://www.mediacollege.com/linux/command/chgrp.html) | Change the group ownership of files |  |  |
| chkconfig | Tool for maintaining the /etc/rc[0-6].d directory hierarchy |  |  |
| chmod | Change the access permissions of files and directories |  |  |
| [chown](https://www.mediacollege.com/linux/command/chown.html) | Change the user and group ownership of files |  |  |
| chroot | Change 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 |  |  |
| 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 |  |  |
| date | Display or change the date & time |  |  |
| dc | Desk Calculator |  |  |
| dd | Data Dump - Convert and copy a file |  |  |
| df | Display free disk space |  |  |
| diff | Display the differences between two files |  |  |
| diff3 | Show differences among three files |  |  |
| dir | Briefly list directory contents |  |  |
| dircolors | Colour setup for `ls' |  |  |
| dirname | Convert a full pathname to just a path |  |  |
| du | Estimate file space usage |  |  |
| echo | Display message on screen |  |  |
| ed | A line-oriented text editor (edlin) |  |  |
| egrep | Search file(s) for lines that match an extended expression |  |  |
| eject | Eject CD-ROM |  |  |
| env | Display, set, or remove environment variables |  |  |
| expand | Convert tabs to spaces |  |  |
| expr | Evaluate expressions |  |  |
| factor | Print prime factors |  |  |
| false | Do nothing, unsuccessfully |  |  |
| fdformat | Low-level format a floppy disk |  |  |
| fdisk | Partition table manipulator for Linux |  |  |
| fgrep | Search file(s) for lines that match a fixed string |  |  |
| find | Search for files that meet a desired criteria |  |  |
| fmt | Reformat paragraph text |  |  |
| fold | Wrap text to fit a specified width |  |  |
| format | Format disks or tapes |  |  |
| free | Display memory usage |  |  |
| fsck | Filesystem consistency check and repair |  |  |
| gawk | Find and Replace text within file(s) |  |  |
| 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) |  |  |
| head | Output the first part of file(s) |  |  |
| hostname | Print or set system name |  |  |
| id | Print user and group id's |  |  |
| info | Help info |  |  |
| install | Copy files and set attributes |  |  |
| join | Join lines on a common field |  |  |
| kill | Stop a process from running |  |  |
| less | Display output one screen at a time |  |  |
| ln | Make links between files |  |  |
| [locate](https://www.mediacollege.com/linux/command/locate.html) | Find files |  |  |
| logname | Print current login name |  |  |
| lpc | Line printer control program |  |  |
| lpr | Off line print |  |  |
| lprm | Remove jobs from the print queue |  |  |
| [ls](https://www.mediacollege.com/linux/command/ls.html) | List information about file(s) |  |  |
| man | Help manual |  |  |
| mkdir | Create new folder(s) |  |  |
| mkfifo | Make FIFOs (named pipes) |  |  |
| mknod | Make block or character special files |  |  |
| more | Display output one screen at a time |  |  |
| mount | Mount a file system |  |  |
| mv | Move or rename files or directories |  |  |
| nice | Set the priority of a command or job |  |  |
| nl | Number lines and write files |  |  |
| nohup | Run a command immune to hangups |  |  |
| passwd | Modify a user password |  |  |
| paste | Merge lines of files |  |  |
| pathchk | Check file name portability |  |  |
| pr | Convert text files for printing |  |  |
| printcap | Printer capability database |  |  |
| printenv | Print environment variables |  |  |
| printf | Format and print data |  |  |
| ps | Process status |  |  |
| [pwd](https://www.mediacollege.com/linux/command/pwd.html) | Print Working Directory |  |  |
| quota | Display disk usage and limits |  |  |
| quotacheck | Scan a file system for disk usage |  |  |
| quotactl | Set disk quotas |  |  |
| ram | ram disk device |  |  |
| rcp | Copy files between two machines |  |  |
| rm | Remove files |  |  |
| rmdir | Remove folder(s) |  |  |
| rpm | Remote Package Manager |  |  |
| rsync | Remote file copy (Synchronize file trees) |  |  |
| screen | Terminal window manager |  |  |
| sdiff | Merge two files interactively |  |  |
| sed | Stream Editor |  |  |
| select | Accept keyboard input |  |  |
| seq | Print numeric sequences |  |  |
| shutdown | Shutdown or restart linux |  |  |
| sleep | Delay for a specified time |  |  |
| sort | Sort text files |  |  |
| split | Split a file into fixed-size pieces |  |  |
| su | Substitute user identity |  |  |
| sum | Print a checksum for a file |  |  |
| symlink | Make a new name for a file |  |  |
| sync | Synchronize data on disk with memory |  |  |
| tac | Concatenate and write files in reverse |  |  |
| tail | Output the last part of files |  |  |
| tar | Tape Archiver |  |  |
| tee | Redirect output to multiple files |  |  |
| test | Evaluate a conditional expression |  |  |
| time | Measure Program Resource Use |  |  |
| touch | Change file timestamps |  |  |
| top | List processes running on the system |  |  |
| traceroute | Trace Route to Host |  |  |
| tr | Translate, squeeze, and/or delete characters |  |  |
| true | Do nothing, successfully |  |  |
| tsort | Topological sort |  |  |
| tty | Print filename of terminal on stdin |  |  |
| umount | Unmount a device |  |  |
| uname | Print system information |  |  |
| unexpand | Convert spaces to tabs |  |  |
| uniq | Uniquify files |  |  |
| units | Convert units from one scale to another |  |  |
| unshar | Unpack shell archive scripts |  |  |
| 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 |  |  |
| vdir | Verbosely list directory contents (`ls -l -b') |  |  |
| 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 |  |  |
| who | Print all usernames currently logged in |  |  |
| whoami | Print the current user id and name (`id -un') |  |  |
| xargs | Execute utility, passing constructed argument list(s) |  |  |
| yes | Print a string until interrupted |  |  |