**1. Linux File Management Commands**

|  |  |  |  |
| --- | --- | --- | --- |
| [cat](https://www.sanfoundry.com/10-practical-cat-command-usage-examples-in-linux-4/) [chattr](https://www.sanfoundry.com/5-practical-chattr-command-usage-examples-in-linux/) [chgrp](https://www.sanfoundry.com/10-practical-chgrp-command-usage-examples-in-linux/) [chmod](https://www.sanfoundry.com/10-practical-chmod-command-usage-examples-in-linux/) [chown](https://www.sanfoundry.com/10-practical-chown-command-usage-examples-in-linux/) [chsh](https://www.sanfoundry.com/4-practical-chsh-command-usage-examples-in-linux/) [cp](https://www.sanfoundry.com/10-practical-cp-command-usage-examples-in-linux/) [csplit](https://www.sanfoundry.com/5-practical-csplit-command-usage-examples-in-linux/) [dd](https://www.sanfoundry.com/5-practical-dd-command-usage-examples-in-linux/) | [file](https://www.sanfoundry.com/5-practical-file-command-usage-examples-in-linux/) [head](https://www.sanfoundry.com/5-practical-head-command-usage-examples-in-linux/) [hexdump](https://www.sanfoundry.com/10-practical-hexdump-command-usage-examples-in-linux/) [less](https://www.sanfoundry.com/4-practical-less-command-examples-and-tips-effective-navigation-in-linux/) [ln](https://www.sanfoundry.com/5-practical-ln-command-usage-examples-in-linux/) [ls](https://www.sanfoundry.com/20-practical-ls-command-usage-examples-in-linux/) [md5sum](https://www.sanfoundry.com/5-practical-md5sum-command-usage-examples-in-linux/) [merge](https://www.sanfoundry.com/5-practical-merge-command-usage-examples-in-linux/) [mkdir](https://www.sanfoundry.com/5-practical-mkdir-command-usage-examples-in-linux/) | [more](https://www.sanfoundry.com/5-practical-more-command-usage-examples-in-linux/) [mv](https://www.sanfoundry.com/5-mv-command-usage-examples-linux/) [newgrp](https://www.sanfoundry.com/newgrp-command-usage-examples/) [pwd](https://www.sanfoundry.com/pwd-command-usage-examples-linux/) [od](https://www.sanfoundry.com/od-command-usage-examples-linux/) [rm](https://www.sanfoundry.com/rm-command-usage-examples/) [rmdir](https://www.sanfoundry.com/rmdir-command-usage-examples-linux/) [sha1sum](https://www.sanfoundry.com/sha1sum-command-usage-examples-linux/) [shred](https://www.sanfoundry.com/shred-command-usage-examples-linux/) | [split](https://www.sanfoundry.com/split-command-usage-examples-linux/) [tac](https://www.sanfoundry.com/tac-command-usage-examples-linux/) [tail](https://www.sanfoundry.com/tail-command-usage-examples-linux/) [tailf](https://www.sanfoundry.com/tailf-command-usage-examples-linux/) [touch](https://www.sanfoundry.com/touch-command-usage-examples-linux/) [wc](https://www.sanfoundry.com/wc-command-usage-examples-linux/) [lsof](https://www.sanfoundry.com/lsof-command-usage-examples/) |

**2. Linux Communication Commands**

|  |  |
| --- | --- |
| [dig](https://www.sanfoundry.com/dig-command-usage-examples-linux/) ftp [login](https://www.sanfoundry.com/login-command-usage-examples-linux/) [rsync](https://www.sanfoundry.com/rsync-command-usage-examples-in-linux/) | scp ssh sftp |

**3. Linux Commands on Comparisons**

|  |  |
| --- | --- |
| [cmp](https://www.sanfoundry.com/5-cmp-command-usage-examples-linux/) [comm](https://www.sanfoundry.com/comm-command-usage-examples-linux/) [diff](https://www.sanfoundry.com/5-diff-command-usage-examples-linux/) | [diff3](https://www.sanfoundry.com/5-diff3-command-usage-examples-linux/) [sdiff](https://www.sanfoundry.com/sdiff-command-usage-examples-linux/) |

**4. Linux Commands on Installation**

|  |  |
| --- | --- |
| [cpio](https://www.sanfoundry.com/5-practical-cpio-command-usage-examples-linux/) [install](https://www.sanfoundry.com/install-command-usage-examples-linux/) | rdist [tar](https://www.sanfoundry.com/10-practical-tar-command-usage-examples-linux/) |

**5. Linux Commands on Security and System Integrity**

|  |  |
| --- | --- |
| [badblocks](https://www.sanfoundry.com/badblocks-command-usage-examples-linux/) [chroot](https://www.sanfoundry.com/chroot-command-usage-examples-linux/) [chkconfig](https://www.sanfoundry.com/5-practical-chkconfig-command-usage-examples-linux/) [halt](https://www.sanfoundry.com/halt-command-usage-examples-linux/) | [reboot](https://www.sanfoundry.com/reboot-command-usage-examples-linux/) [shutdown](https://www.sanfoundry.com/shutdown-command-usage-examples-linux/) [vmstat](https://www.sanfoundry.com/vmstat-command-usage-examples-linux/) |

**6. Linux User Commands**

|  |  |  |
| --- | --- | --- |
| [w](https://www.sanfoundry.com/w-command-usage-examples-linux/) [whoami](https://www.sanfoundry.com/whoami-command-usage-examples-linux/) [chpasswd](https://www.sanfoundry.com/chpasswd-command-usage-examples/) [groupadd](https://www.sanfoundry.com/groupadd-command-usage-examples/) [groupdel](https://www.sanfoundry.com/groupdel-command-usage-example/) [groupmod](https://www.sanfoundry.com/groupmod-command-usage-examples/) [grpck](https://www.sanfoundry.com/grpck-command-usage-examples/) [grpconv](https://www.sanfoundry.com/grpconv-command-usage/) [lastlog](https://www.sanfoundry.com/lastlog-command-usage-examples/) | [newusers](https://www.sanfoundry.com/newusers-command-usage-examples/) [pwck](https://www.sanfoundry.com/pwck-command-usage/) [pwconv](https://www.sanfoundry.com/pwconv-command-usage/) [rusers](https://www.sanfoundry.com/rusers-command-usage-examples-in-linux/) [rwall](https://www.sanfoundry.com/rwall-command-usage-examples-in-linux/) [useradd](https://www.sanfoundry.com/useradd-command-usage-examples/) [userdel](https://www.sanfoundry.com/userdel-command-usage-examples-in-linux/) [usermod](https://www.sanfoundry.com/usermod-command-usage-examples-in-linux/) [wall](https://www.sanfoundry.com/wall-command-usage-example-linux/) | [id](https://www.sanfoundry.com/id-command-usage-examples/) [chage](https://www.sanfoundry.com/chage-command-usage-examples/) [users](https://www.sanfoundry.com/users-command-usage/) [ruptime](https://www.sanfoundry.com/ruptime-command-usage-examples-in-linux/) |

**7. Linux Commands on Daemons**

|  |  |  |
| --- | --- | --- |
| [apmd](https://www.sanfoundry.com/apmd-command-usage-examples-linux/) [atd](https://www.sanfoundry.com/atd-command-usage-examples-linux/) [bootpd](https://www.sanfoundry.com/bootpd-command-usage-examples-linux/) [cupsd](https://www.sanfoundry.com/cupsd-command-usage-examples-linux/) ftpd imapd klogd mountd named | nfsd pppd rdistd rexecd rlogind routed rpc.rusersd rpc.statd rshd | rsyslogd rwhod sshd syslogd xinetd ypbind yppasswdd ypserv |

**8. Linux Commands on Hardware**

|  |  |
| --- | --- |
| agetty [arp](https://www.sanfoundry.com/arp-command-usage-examples-linux/) [fdisk](https://www.sanfoundry.com/fdisk-command-usage-examples-linux/) [hdparm](https://www.sanfoundry.com/hdparm-command-usage-examples-linux/) | [kbdrate](https://www.sanfoundry.com/kbdrate-command-usage-example-linux/) ramsize [setkeycodes](https://www.sanfoundry.com/setkeycodes-command-usage-example-linux/) slattach |

**9. Linux Commands on Host Information**

|  |  |
| --- | --- |
| [arch](https://www.sanfoundry.com/arch-command-usage-example-linux/) [domainname](https://www.sanfoundry.com/domainname-command-usage-examples-linux/) | [host](https://www.sanfoundry.com/10-host-command-usage-examples-linux/) [uname](https://www.sanfoundry.com/5-uname-command-usage-examples-linux/) |

**10. Linux Commands on Mail**

|  |  |
| --- | --- |
| formail mailq makemap newaliases rmail | sendmail from mutt pine |

**11. Linux Commands on Managing Filesystems**

|  |  |  |  |
| --- | --- | --- | --- |
| debugfs dosfsck dump dumpe2fs e2fsck e2image e2label edquota fdformat | fsck fsck.ext2 mke2fs mkfs mkfs.ext2 mkfs.ext3 mklost+found mkraid mkswap | [mount](https://www.sanfoundry.com/mount-command-usage-example/) quotacheck [quotaon](https://www.sanfoundry.com/quotaon-command-usage-examples/) [quotaoff](https://www.sanfoundry.com/quotaoff-command-usage-examples/) quotastats rdev repquota resize2fs restore | rootflags setquota showmount swapoff swapon sync tune2fs [umount](https://www.sanfoundry.com/umount-command-usage-examples-linux-2/) warnquota |

**12. Linux Commands on Managing the Kernel**

|  |  |
| --- | --- |
| depmod lsmod modinfo | modprobe sysctl |

**13. Linux Printing Commands**

|  |  |
| --- | --- |
| accept lpadmin lpinfo | lpmove reject tunelp |

**14. Process Management Commands in Linux**

|  |  |
| --- | --- |
| [fuser](https://www.sanfoundry.com/fuser-command-usage-examples/) [renice](https://www.sanfoundry.com/renice-command-usage-examples/) | vmstat [pstree](https://www.sanfoundry.com/pstree-command-usage-examples-in-linux/) |

**15. Linux Commands on NFS and NIS Administration**

|  |  |
| --- | --- |
| makedbm rpcbind portmap rpcinfo ypbind ypcat ypinit ypmatch | yppasswdd yppoll yppush ypserv ypset yptest ypwhich ypxfr |

**16. Linux Basic Commands on Media**

|  |  |
| --- | --- |
| cdparanoia cdrdao eject genisoimage | icedax readom volname wodim |

**17. Linux Commands on TeX, LaTeX AND TYPESETTING**

|  |  |
| --- | --- |
| AMSTeX AMSLaTeX bibtool latex latex2html | evince pdflatex pdftex TeX untex |

**18. Linux Basic Commands on Graphics**

|  |  |
| --- | --- |
| cjpeg convert gimp giftrans gs gv | montage scanimage tkdesk transfig xpaint |

**19. Linux Commands on X-WINDOWS PROGRAMS with Examples**

|  |  |
| --- | --- |
| imake xcal xcalc xclock xcolors xhost xlock | xman xmcpustate xpdf xset xsysinfo xterm |

**20. Linux Commands on Miscellaneous**

|  |  |  |  |
| --- | --- | --- | --- |
| [bc](https://www.sanfoundry.com/bc-command-usage-examples-linux/) [bg](https://www.sanfoundry.com/bg-command-usage-examples-linux/) [fg](https://www.sanfoundry.com/fg-command-usage-examples-linux/) [clear](https://www.sanfoundry.com/clear-command-usage-linux/) [passwd](https://www.sanfoundry.com/passwd-command-usage-examples-linux/) [sudo](https://www.sanfoundry.com/5-sudo-command-usage-examples-linux/) [tee](https://www.sanfoundry.com/tee-command-usage-examples-linux/) [time](https://www.sanfoundry.com/time-command-usage-examples-linux/) nameif nfsstat nsupdate rarp rndc rpcbind rpcinfo ctrlaltdel initctl [runlevel](https://www.sanfoundry.com/runlevel-command-usage-linux/) telinit [uptime](https://www.sanfoundry.com/uptime-command-usage-linux/) anacron atrun cron dmesg | ldconfig logger logrotate run-parts telnetd tftpd zebra aclocal aconnect acpi acpid addr2line agetty alsactl alsamixer amidi amixer anacron aplay arecordmidi at autoconf autoheader autoscan | autoupdate [base64](https://www.sanfoundry.com/base64-command-usage-examples-linu/) bison bzcmp bzdiff bzdiff bzmore c++ c++filt cdda2wav cdparanoia cdrdao chage colcrt colrm column doexec dosfsck dvdrecord edquota elvtune enable [false](https://www.sanfoundry.com/false-command-usage-linux/) [true](https://www.sanfoundry.com/true-command-usage-linux/) | [fc](https://www.sanfoundry.com/fc-cache-command-usage-linux/) [fc](https://www.sanfoundry.com/fc-list-command-usage-examples-linux/) [fgconsole](https://www.sanfoundry.com/fgconsole-command-usage-linux/) [fmt](https://www.sanfoundry.com/fmt-command-usage-examples-linux/) [fold](https://www.sanfoundry.com/fold-command-usage-examples-linux/) formail tree [alias](https://www.sanfoundry.com/alias-command-usage-examples-linux-2/) [unalias](https://www.sanfoundry.com/unalias-command-usage-example-linux/) gpgsplit gpgv gprof ps2pdf shar tcsh wdiff workman vlock ytree [zcat](https://www.sanfoundry.com/zcat-command-usage-examples-linux/) [zdiff](https://www.sanfoundry.com/zdiff-command-usage-examples-linux/) vacation |

**21. Linux Networking Commands**

|  |  |
| --- | --- |
| [ifconfig](https://www.sanfoundry.com/10-ifconfig-command-usage-examples-linux/) iptables named [netstat](https://www.sanfoundry.com/10-netstat-command-usage-examples-linux/) [ping](https://www.sanfoundry.com/10-ping-command-usage-examples-linux/) | [traceroute](https://www.sanfoundry.com/traceroute-command-usage-examples-linux/) [tcpdump](https://www.sanfoundry.com/10-tcpdump-command-usage-examples-linux/) [nslookup](https://www.sanfoundry.com/nslookup-command-usage-examples-linux/) [ss](https://www.sanfoundry.com/ss-command-usage-examples-in-linux/) [nc](https://www.sanfoundry.com/nc-command-usage-examples-in-linux/) |

**22. Linux Commands on Program Maintenance**

|  |  |
| --- | --- |
| ctags etags gdb git gprof make nm | [objcopy](https://www.sanfoundry.com/objcopy-command-usage-examples-in-linux/) [objdump](https://www.sanfoundry.com/objdump-command-usage-examples-in-linux/) patch [pmap](https://www.sanfoundry.com/pmap-command-usage-examples-in-linux/) [size](https://www.sanfoundry.com/size-command-usage-examples-in-linux/) svn |

**23. Linux Commands on Searching**

|  |  |
| --- | --- |
| [apropos](https://www.sanfoundry.com/5-apropos-command-usage-examples-in-linux/) egrep fgrep [find](https://www.sanfoundry.com/find-command-usage-examples-in-linux/) [grep](https://www.sanfoundry.com/grep-command-usage-examples-in-linux/) [locate](https://www.sanfoundry.com/locate-command-usage-examples/) | [look](https://www.sanfoundry.com/look-command-usage-examples-in-linux/) [strings](https://www.sanfoundry.com/strings-command-usage-examples-in-linux/) updatedb [whereis](https://www.sanfoundry.com/5-whereis-command-usage-examples-linux/) [which](https://www.sanfoundry.com/which-command-usage-examples-linux/) |

**24. Linux Shell Commands**

|  |  |
| --- | --- |
| [basename](https://www.sanfoundry.com/basename-command-usage-examples-linux/) [echo](https://www.sanfoundry.com/5-echo-command-usage-examples-linux/) envsubst [expr](https://www.sanfoundry.com/5-expr-command-usage-examples-linux/) [mktemp](https://www.sanfoundry.com/mktemp-command-usage-examples-linux/) | [printf](https://www.sanfoundry.com/5-printf-command-usage-examples-linux/) [sleep](https://www.sanfoundry.com/sleep-command-usage-examples-linux/) [test](https://www.sanfoundry.com/test-command-usage-examples-linux/) [xargs](https://www.sanfoundry.com/xargs-command-usage-examples-in-linux/) |

**25. Linux Storage Commands with Examples**

|  |  |
| --- | --- |
| bunzip2 bzip2 gunzip | gzip zforce |

**26. Linux Commands on System Status**

|  |  |
| --- | --- |
| at atq atrm crontab [date](https://www.sanfoundry.com/5-date-command-usage-examples-linux/) [df](https://www.sanfoundry.com/5-df-command-usage-examples-linux/) [du](https://www.sanfoundry.com/5-du-command-usage-examples-linux/) [env](https://www.sanfoundry.com/env-command-usage-examples-linux/) [finger](https://www.sanfoundry.com/finger-command-usage-examples-linux/) [free](https://www.sanfoundry.com/5-free-command-usage-examples-linux/) hostname | [kill](https://www.sanfoundry.com/5-kill-command-usage-examples-linux/) [killall](https://www.sanfoundry.com/killall-command-usage-examples-in-linux/) [printenv](https://www.sanfoundry.com/printenv-command-usage-examples-linux/) [ps](https://www.sanfoundry.com/10-practical-ps-command-usage-examples-in-linux/) [dstat](https://www.sanfoundry.com/5-dstat-command-usage-examples-in-linux/) quota [stat](https://www.sanfoundry.com/5-stat-command-usage-examples-linux/) stty top [tty](https://www.sanfoundry.com/tty-command-usage-example/) [who](https://www.sanfoundry.com/5-who-command-usage-examples-linux/) |

**27. Linux Text Processing Commands**

|  |  |
| --- | --- |
| [cut](https://www.sanfoundry.com/cut-command-usage-examples-in-linux/) emacs ex [expand](https://www.sanfoundry.com/expand-command-usage-examples/) [unexpand](https://www.sanfoundry.com/unexpand-command-usage-examples/) fmt fold gawk groff gs | ispell [join](https://www.sanfoundry.com/join-command-usage-examples/) [paste](https://www.sanfoundry.com/5-paste-command-usage-examples-linux/) [rev](https://www.sanfoundry.com/rev-command-usage-example-linux/) sed [sort](https://www.sanfoundry.com/sort-command-usage-examples/) [tr](https://www.sanfoundry.com/tr-command-usage-examples/) [uniq](https://www.sanfoundry.com/uniq-command-usage-examples/) [nl](https://www.sanfoundry.com/nl-command-usage-examples-in-linux/) vim |

**28. Linux Programming Commands**

|  |  |
| --- | --- |
| cpp flex ldd | make ranlib |

**29. Linux Basic Commands on Clocks**

|  |  |
| --- | --- |
| [hwclock](https://www.sanfoundry.com/5-hwclock-command-usage-examples-linux/) | [rdate](https://www.sanfoundry.com/5-rdate-command-usage-examples-linux/) |