

Basic Linux Commands

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Common Linux Commands

alias Make different names for commands

at Runs a program at certain times

atq Lists programs waiting to be run by **at**

atrm Removes programs from the **at** queue

cat Concatenates files and print to standard output

cd Changes to a directory

chfn Changes information displayed by **finger**

chmod Change access permissions of files

chown Change the user and group ownership of files

chsh Change your shell

cp Copy files

dd Copy disk images

df Available free disk space

dir List directory contents

dmesg list startup messages

du Disk space used

ddump Used to backup filesystems

e2fsck filesystem checker

export Set environment variables in **bash**

find Finds files

fdformat Low level format a floppy disk

fdisk Used to create and delete partitions

finger Look up user information

free Information on RAM and swap usage

grep Find lines matching a certain pattern

groupadd or **addgroup** *Adds a new group

groupdel or **delgroup** *Deletes a group

groups displays a user's group

gzip Compress and decompress files

halt Shut down system

host Look up host information

ifconfig Used to setup network interfaces

init Change run levels

insmod Install modules

kill Abort system processes

less Filter for viewing files

ln Create links between files and directories

locate Locate files that match a certain pattern

login Sign on to system or switch users

logout (ctrl+d) Sign off of current user

lpc Manage printer queue

lpq View printer queue

lpr Print files

ls List directory contents

lsmod View loaded modules

make Compile and maintain programs

makewhatis Build whatis database

man View manual pages

mc Change to directory on a DOS diskette

copy Copy files to a DOS diskette

del Delete files on a DOS diskette

deltree Delete directories on a DOS diskette

dir Lists directory contents on a DOS diskette

format Format DOS diskettes

mkbootdisk Makes a boot disk :-) (you did make one right?)

mkdir Makes a new directory

mkswap Setup swap device

modprobe Installs modules

more filter for viewing files and directories

mount access or mount filesystems and devices

mv Move or rename files and directories

netcfg (not in all distributions) Network configuration tool

netstat Displays status of network connections

nslookup Name server lookup tool

passwd Change password

ping Check a host on the network

printtool Used to setup printers

ps Display process tree

tree Displays entire process tree

pwd Displays the present working directory

reboot Reboots system :-)

restore Used to restore a dump backup

rm Remove files

rmdir Remove directories

rmmod remove loaded modules

rpm Manage rpm packages

set Temporarily change environment variables

shutdown Shut down the system :-)

startx Start the X Window system

su Switch to a different user

sync Flush buffered data to hard disks

sysinfo Display system information

tar Create and manage archives

top Display running processes

touch Used to create a file or update it's time stamp

traceroute Displays route of IP packets

umount Unmount filesystems (watch the spelling)

uname Display information about your system

unzip Extract compressed files

updatedb Builds locate's database

uptime Shows how long your system has been running

useradd or **adduser** *Adds new user accounts

userdel or **deluser** *Delete user accounts

usermod Modify user accounts

whatis Gives brief overview of commands

whereis Locate binary, source and manual pages for a command

which Display a program's executable path

who Show the users that are logged in

whoami Show the user that you are currently logged in as

xlock Locks the X Window system

* command depends on the distribution you use

Common KDE Shortcut Keys

ctl+tab Switch between desktops

alt+tab Switch between applications

alt+f1 Opens application menu

alt+f2 Opens command window

alt+f3 Opens window menu

alt+f4 Closes window

f1 Opens help for a program

f2 Finds a word on the page

f3 Finds the next matching word on the page

space Selects/unselects files

ctl+n Opens file manager window

ctl+a Selects all files in the current directory

ctl+t Opens a terminal in the current directory

ctl+w Closes a window

ctl+f Finds files

ctl+c Copy

ctl+v Paste

GNOME Shortcut Keys

ctl+b Bookmark

ctl+d Duplicate

ctl+f Find

shift+ctl+f Web search

ctl+i Show properties

ctl+h Home

ctl+u Up a level

ctl+n New folder

ctl+o Open

ctl+w Close window

shift+ctl+w Closes all windows

ctl+= Zoom in

ctl+- Zoom out

ctl+[Back

ctl+] Forward

ctl+t Put in trash

ctl+r Refresh

ctl+a Select all