

( GNU / linux kernel 2.4.18-3, 2.4.18-14 and 2.4.20-6 )\*

## A

alias Create your own name for a command  
arch print machine architecture  
ash ash command interpreter (shell)  
awk (gawk) pattern scanning and processing language

## B

basename Remove directory and suffix from a file name  
bash GNU Bourne-Again Shell  
bsh Command interpreter (Shell)  
bc Command line calculator  
bunzip2 Unzip .bz2 files

## C

cat Concatenate a file print it to the screen  
chgrp Change the group designation of a file  
chmod Change file permissions  
chown Change the owner of a file  
cjpeg Compress an image file to a JPEG file  
clear Clear terminal screen (command line)  
comm Compare two sorted files  
stty cooked Formatting the display of text in a terminal  
cp Copy command  
cpio Copy files to and from archives  
csh C Shell  
cut Print selected parts of lines to standard output

## D

date Display date and time  
dc Command line calculator  
df Show amount of disk space free  
diff Determine difference between two files  
diff3 Determine difference between 3 files  
dig Interrogate DNS name servers  
djpeg Decompress a JPEG file to an image file  
dmesg Print or control the kernel ring buffer (print out bootup messages)  
nslookup Show the system's DNS domain name

doexec Run an executable with an arbitrary argv  
domainname Show or set the system's NIS/YP domain name  
dos2unix Converts plain text files in DOS/MAC format to UNIX format  
du Show disk usage  
dumpkeys Write keyboard driver's translation tables to std output

## E

echo Display a line of text  
ed Line-oriented text editor  
egrep Print lines matching a pattern  
elinks A text mode WWW browser (supports frames)  
env Display the path  
ex Start Vim in ex mode  
eject Eject media from device ( command line )

## F

factor Display prime factors of a number  
false Exit with a status code indicating failure  
fdisk The fdisk command with usage examples  
fgrep Variant of grep  
find Find a file  
finger Displays information about the system users  
fixps Try to fix common PostScript problems that break postprocessing  
free Display free memory

## G

grep Search for a pattern using regular expression  
gtar See the tar command  
gunzip Unzip .gz files  
gzip Compress using Lempel-Ziv coding (LZ77)

## H

halt Stop the system  
hdparm Get/set harddisk parameters  
head Print the first 10 lines of a file to standard output  
hostname Show or set the system's host name  
history Display entire command history  
HISTSIZE Change history size

httpd Start Apache

## I

identify Describes the format and characteristics of image files.

id Print information for username, or the current user

ifconfig Display network and hardware addresses

igawk Gawk with include files

ipcalc Calculate IP information for a host

## K

kbd\_mode Report or set the keyboard mode (RAW, MEDI- UMRAW or XLATE)

kill Terminate a process

## L

last Show listing of last logged in users

lastlog Formats and prints the contents of the last login log /var/log/lastlog file

link Call the link function to create a link to a file

links See elinks

ln Create a link to the specified TARGET with optional LINK\_NAME

loadkeys Load keyboard translation tables

locate Locate a file

login Sign on

look Displays any lines in file which contain "string" as a prefix.

ls List directory contents

lsmod List loaded kernel modules

lynx Command to start the Lynx browser

## M

mac2unix Converts plain text files in DOS/MAC format to UNIX format

mail A mail processing system, which has a command syntax like ed

man Display a particular manual entry

manweb Manweb is part of the Netpbm package

mdu Display the amount of space occupied by an MSDOS directory

mkdir Create a directory

mkfs Make a filesystem on a drive

mknod Make block or character special files

mktemp Make temporary filename (unique)

more Page through text one screenful at a time.

mount Mount a filesystem/device  
mt Control magnetic tape drive operation  
mv Move and / or rename files

## N

namei Follow a pathname until a terminal point is found  
nano An enhanced free Pico clone  
ncftp Browser program for the File Transfer Protocol  
nc nc is the client interface to the NEdit text editor  
netstat Display verbose info about network processes and ports  
nice Run a command with modified priority  
nisdomainname Show or set system's NIS/YP domain name  
nslookup query internet domain name servers

## P

paste Merge lines of files  
pdf2dsc Generate a PostScript page list of a PDF document  
pdf2ps Convert PDF file "input.pdf" to PostScript(tm) in "output.ps"  
pdfinfo Print contents of the 'Info' dictionary (plus some other useful information) from a PDF file  
pdftotext Convert pdf files to plain text  
perl (start) Practical Extraction and Report Language  
pgawk The profiling version of gawk  
pico Text editor that comes with Pine (from the University of Washington)  
pine Email program used by The University of Washington  
ping6 Ping  
ping Send ICMP ECHO\_REQUEST to network hosts  
pinky A lightweight 'finger' program;  
pr Format for printing  
ps Processes running  
ps2ascii Ghostscript translator from PostScript or PDF to ASCII  
ps2epsi Generate conforming Encapsulated PostScript  
ps2frag Obsolete shell script for the PSfrag system  
ps2pdf12 Convert PostScript to PDF 1.2 (Acrobat 3 and later compatible) using ghostscript  
ps2pdf13 Convert PostScript to PDF 1.3 (Acrobat 4 and later compatible) using ghostscript  
ps2pdf14 Use ps2pdfwr: Convert PostScript to PDF without specifying Compatibility Level, using ghostscript  
ps2pdf Convert PostScript to PDF using ghostscript  
ps2pdfwr Convert PostScript to PDF without specifying Compatibility Level, using ghostscript  
ps2pk creates a TeX pkfont from a type1 PostScript font

ps2ps ps2ps uses gs to convert PostScript(tm) file "input.ps" to simpler and (usually) faster PostScript in "output.ps"

psbook Rearranges pages from a PostScript document into "signatures" for printing books or booklets

pwd Print Working Directory

## Q

quota display disk usage and limits

## R

resize Xterm window size

readelf Displays information about ELF files

reboot Stop the system, poweroff, reboot

red red is a restricted ed: it can only edit files in the current directory and cannot execute shell commands

rename Rename files

rmdir Remove a directory

rm Remove files or directories

rpm rpm command options

rundig Sample script to create a search database for ht://Dig

rview The GUI version of Vim in easy mode with restrictions

rvi Vi / Vim editor

## S

sed Stream editor

setfont Load EGA/VGA console screen font

set gid Set group id

set serial Get / set Linux serial port info

set uid Set user id

sfdisk Modified fdisk program

sftp Secure file transfer protocol (ftp)

sh Shell (BASH)

shred Safely remove data from disk drive

sleep Delay for a specified amount of time

slocate Security Enhanced version of the GNU Locate

sort Sort lines of a text file

ssh Secure shell connection command

stty change and print terminal line settings

stty raw Unformatted output to terminal

su Become super user ( root )

switchdesk Graphical and text mode interface for choosing desktop environment  
sync Force changed blocks to disk, update the super block  
ssh Secure shell connection command

## T

tail Print the last 10 Lines of a file standard output  
tar Create an Archive  
tcsh Enhanced completely compatible version of the Berkeley UNIX C shell, csh  
tee Copy standard input to each file, and also to standard output  
telnet User interface to the telnet protocol  
time Run the specified program command with the given arguments  
touch Change file timestamps  
tracepath6 See tracepath  
tracepath Trace path to a network host discovering MTU along this path  
traceroute6 See traceroute  
traceroute Print the route packets take to network host  
tree Display file tree  
true Exit with a status code indicating success  
tty Print name of terminal connected to standard output

## U

umask File creation mask / Bash builtins  
umount Detache file system(s) mentioned from file hierarchy  
uname Print system information ( kernel version )  
unicode\_start Put keyboard and console into Unicode (UTF-8) mode  
unicode\_stop Undo the effect of unicode\_start  
unlink Call the unlink function to remove the specified file  
uniq Remove duplicate lines from sorted file  
updatedb Update the slocate database  
unset gid Group id change  
unset uid User id change  
untar Unarchive ( untar ) a file  
unzip Unzip .zip files  
useradd Add new user  
users Output who is currently logged in according to system records  
usleep Sleep a given number of microseconds. default is 1

## V

view Start vim in read-only mode  
vi Start the vi editor

## W

w Show who is logged on and what they are doing  
wc Word count of a file  
wget Non-interactive download of files from the Web  
whatis Search the whatis database for complete words (command names)  
whereis Locate a command or file  
which Find command path  
whoami Print effective userid  
who show who is logged on  
whois Client for the whois service

## X,Y,Z

xinit Start Xserver  
xpdf Portable Document Format (PDF) file viewer for X windows  
xrandr Change resolution running Xwindows ( command line )  
ypdomainname show or set the system's NIS/YP domain name  
zcat Compress or expand files  
zip Compression and file packaging utility for Unix, VMS, MSDOS, OS/2, Windows NT, Minix, Atari and Macintosh, Amiga and Acorn RISC OS. It is analogous to a combination of the UNIX commands tar(1) and compress(1) and is compatible with PKZIP (Phil Katz's ZIP for MSDOS systems)  
zipinfo List detailed information about a ZIP archive

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