

In the following, **typed text** represents a command (or program name), *dirname*, represents a directory name as an argument, *filename* represents a file name, and *[dirname]* represents an optional directory name (or other argument) as an argument.

To run an application in the background, follow the application name with a **&**, this allows you to enter more commands and or run more applications from the window.

Some UNIX commands

ftp <i>hostname</i> ssh <i>hostname</i> telnet <i>hostname</i>	Use the ftp program to transfer files to/from <i>hostname</i> . Remote login to <i>hostname</i> using secure shell program. Connect to <i>hostname</i> with telnet.
cd <i>[dirname]</i> chmod cp <i>filename1 filename2</i> less <i>filename</i> ls <i>[dirname]</i> mkdir <i>dirname</i> mv <i>filename1 filename2</i> pwd rmdir <i>dirname</i> rm <i>filename filename2 ...</i> rm -r <i>dirname</i>	Change directory to <i>[dirname]</i> . If <i>dirname</i> is omitted, change to your home directory. cd .. changes directory to one level above the current directory. Change file and directory permissions. Copy <i>filename1</i> into <i>filename2</i> . Display contents of <i>filename</i> in the window. List the contents of directory <i>dirname</i> . Option -a displays all the files and -l displays in long format. Make directory <i>dirname</i> . Move <i>filename1</i> into <i>filename2</i> . mv renames the file. Print working directory, i.e. the current directory. Remove directory <i>dirname</i> , (if empty). Remove files <i>filename1, filename2, etc.</i> Remove <i>dirname</i> recursively, removing all files and subdirectories in <i>dirname</i> .
lp <i>filename</i> lpq [-P <i>printername</i>] lpr [-P <i>printername</i>] <i>filename</i> lprm [-P <i>printername</i>] <i>jobnum</i>	Send <i>filename</i> to the printer. Query the printer queue of the the printer <i>printername</i> . Print <i>filename</i> to optional <i>printername</i> . Remove print job number <i>jobnum</i> from the queue of printer <i>printername</i> .
gunzip <i>filename.gz</i> gzip <i>filename</i> tar	Expand <i>filename.gz</i> into its original size and remove the .gz extension. Compress <i>filename</i> and add the .gz extension. Combine files into a TAR file, or extract from a TAR file.
env finger <i>userid</i> hostname kill <i>pid</i> man <i>topic</i> ps setenv <i>variablename</i> top which <i>commandname</i> who	Display environment variables. Check system information of <i>userid</i> . Display host name. Kill (terminate) process with process id <i>pid</i> Display the manual page on <i>topic</i> . Check processes. Set the environment variable <i>variablename</i> . Show continuously all processes running. Show the location of <i>commandname</i> Displays who is on-line on this machine.
xcalc xclock xterm	Calculator. Display clock. A terminal or shell session.
emacs <i>[filename]</i> pico vi <i>[filename]</i> xemacs	Start emacs on the file <i>filename</i> . Start pico, a simple text editor distributed as part of pine. Start the vi editor on the file <i>filename</i> . Start xemacs, a gui text editor based on emacs.
pine	Start pine, a mail reader and composer.
netscape <i>[filename.html]</i>	View the HTML file <i>filename.html</i> in netscape, a WWW browser.
acroread <i>filename.pdf</i>	View the PDF file <i>filename.pdf</i> in Adobe's acroread.

ghostview	A postscript viewer for EPS and PS files. Ghostview is the front end of Ghostscript (gs).
gimp	Image processing tool/drawing program to manipulate images. A Photoshop like program.
gs	A postscript (and PDF) viewer. It can be used to convert Postscript into other graphic formats.
xfig	An X window drawing tool capable of producing fig output and other various graphic outputs.
xv	Image viewer and manipulation tools for X. Supports various file formats, including GIF, JPEG, BMP, TIFF, postscript, and others.
ispell <i>filename</i>	Spelling program.
latex <i>filename.tex</i>	Process <i>filename.tex</i> with LaTeX and generate <i>filename.dvi</i> (a DVI file).
tex <i>filename.tex</i>	TeX document processing and typesetting.
xdvi <i>filename.dvi</i>	Preview DVI file <i>filename.dvi</i>
dvips <i>filename.dvi</i>	Print <i>filename.dvi</i> to the printer. Option <code>-o filename.ps</code> prints <i>filename.dvi</i> to the PS file <i>filename.ps</i> .
matlab	Start Matlab, a computational math software package.
xmaple	Start Maple, a symbolic mathematical software package.
SAS	Start statistical analysis system software.
Splus	A statistical software package
soffice	Start Sun's Star Office, a Microsoft Office like program.
wp	Start Word Perfect.
CC	Sun's C++ compiler.
csch	C-shell.
gcc	GNU C compiler.
g++	GNU C++ compiler.
grep <i>pattern files</i>	Search for a string, pattern, or expression in files.
javac	Java compiler.
java <i>filename.java</i>	Run the java program named <i>filename.java</i> .
perl	Practical Extraction and Reporting Language, a programming and scripting language.
tcsh	tcshell, a csh compatible.