



[Next](#)
[Up](#)
[Previous](#)
[Contents](#)

Next: [Multimedia](#) Up: [Applications](#) Previous: [Customizing Mozilla](#)

terminal- shell commands

There is a lot of information inside the ``manual" **man** pages for almost every Unix shell command. Also most commands suggested here should work on a (ssh) secure shell environment.

At CCRMA the shell of choice is the C-shell. There should be a `.cshrc` file in your home directory and familiarity with its meaning can be really helpful on getting acquainted with the behavior of your terminal window. You can write scripts or shortcuts which can be stored on your `.cshrc` file and therefore this means that you can have your own shell commands. You can find more information in the man pages or in [gnu-help](#) or simply, [gnu](#) A good source for information and tutorials on Unix commands can be found at, [Unixhelp](#) If you have read the Unix section of this guide you will find the following commands 'very' useful:

General and file manipulation commands:

<code>man</code>	Get information or help about a command
<code>apropos</code>	Locate commands by keyword look up
<code>ls</code>	List directory contents
<code>pwd</code>	Path of working directory
<code>cd</code>	Change working directory
<code>mv</code>	Move file or change name
<code>cp</code>	Copy file
<code>mkdir</code>	Make directory
<code>rm</code>	Remove files and directories
<code>mount /mnt/zip</code>	Mount zip disk on directory /mnt/zip

Commands for printing:

<code>lpr file.ps</code>	Print in the default printer (knoll)
<code>lpr -P np2 file.ps</code>	Print in the trailer's printer
<code>lpq</code>	Show printer jobs in the queue
<code>lprm</code>	Remove the last job submitted if it is in the queue

`lprm -np2 25` Remove job 25 in spool queue np2

WARNING !!! PLEASE, DO NOT use the *lpr* command to print Adobe Acrobat ``pdf'' files or postscript definition files. Open Acrobat Reader instead and print from within inside Acrobat Reader or use the command *pdf2ps* to convert to a ``ps'' postscript file.

Postscript utilities:

As a wonderful ecological solution suggested by Julius Smith and to save some trees the following commands will let to print two pages in one from a postscript file. You type:

```
psnup -n 2 infile.ps > outfile.ps  
psnup -pletter -n 2 infile.ps > outfile_2up.ps
```

To print an A4 formatted document you need to re size it to the American standard ``letter-size''. For this, you use the command **psresize** in the following way:

```
psresize -PA4 -pletter infile.ps > outfile.ps
```

For connectivity and file transfer and text manipulation:

<code>finger</code>	look for all ccrma users
<code>finger login@</code>	look for particular user
<code>ssh</code>	secure login on remote machine
<code>scp</code>	secure file copy from or to machine
<code>talk login@cmnXX</code>	talk to other user on this terminal
<code>find</code>	look for file
<code>cat</code>	output contents of a file
<code>grep</code>	search for a string of text

Editors and publishing:

<code>vi</code>	text editor
<code>emacs</code>	development text editor
<code>latex</code>	compile a L ^A T _E X file
<code>dvips</code>	convert a dvi file to postscript
<code>ps2pdf</code>	convert a ps file into a pdf file

Account Administration:

chmod	change permissions on files and directories
yppasswd	change password

Next	Up	Previous	Contents
----------------------	--------------------	--------------------------	--------------------------

Next: [Multimedia](#) **Up:** [Applications](#) **Previous:** [Customizing Mozilla](#)

© Copyright 2001-2006 [CCRMA](#), [Stanford University](#). All rights reserved.
Created and Maintained by [Juan Reyes](#)