

# Printing Files

lp [options] file-list		Submit a print job to print the files in 'file-list'.
	-p page-list	Print the pages specified in 'page-list'.
	-d ptr	Print on the 'ptr' printer.
	-m	Send mail after printing is complete.
	-n N	Print 'N' copies. Default is one copy.
	-t title	Print 'Title' on a banner page.
	-w	Write to the user's terminal after printing is complete
lpr [options] file-list		Submit a print job to print the files in 'file-list'
	-# N	Print 'N' copies. Default is one copy.
	-P ptr	Print on the 'ptr' printer.
	-T title	Print 'Title' on a banner page.
	-m	Send mail after printing is complete.
	-p	Format the output by using the pr command.
lpstat [options]		Display the status of print jobs on a printer specified by the lp command.
	-d	Display the status of the default printer.
	-o job-ID-list	Display the status of the jobs in 'job-ID-list'.
	-p printer-list	Display the status of print jobs on the printers specified by 'printer-list'.
	-u user-list	Display the status of print jobs for the users in 'user-list'.
lpq [options]		Display the status of print jobs on a printer specified by the lpr command.
	-P printer-list	Display the status of print jobs on the printers specified by 'printer-list'.
	-l	Display the status of the default printer.

cancel [options] [printer]		Remove jobs from the printing queue made with the lp command.
	-jobID-list	Cancel print jobs specified in the 'jobID-list'
	-u login	Cancel all print jobs that were issued by the user 'user'.
lprm [options] [jobID-list] [user(s)]		Remove jobs from the printing queue made with the lpr command.
	-	Remove all the jobs owned by 'user'.
	-P ptr	Specify the printer queue 'ptr'.

## Regular Expressions

Function	Operator	Example	Meaning
Alternation		x   y   z	x, y, or z
Any Character	.	.com	Acom, acom, ...
Beginning of Line	^	^x	A line starting with x
End of Line	\$	x\$	A line ending with x
Escape Sequence	\	\*	*
Delimiter: Marks the beginning or end of a regular expression	/	/L..e/	Love, Live, Lose, ...
Grouping	() or \()	(xy)+	xy, xyxy, xyxyxy, ...
Optional	?	xy?	x, xy
Repetition (1 or more times)	+	xy+	xy, xyy, xyxy, ...
Repetition (0 or more times)	*	xy*	x, xy, xyy, ...
Set: Matches any character enclosed in brackets	[ ]	/[Hh]ello/	Hello, hello
Set: Matches any character not enclosed in brackets	[^]	/[^A-KM-Z]ove/	Love

From Sarwar Syed M., Koretsky Robert, and Sarwar Syed A., "UNIX the textbook", second edition. Addison-Wesley. 2005.