

# Section 1p : POSIX Commands

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*Man pages in this section*

alias	define or display aliases
ar	create and maintain library archives
asa	interpret carriage-control characters
at	execute commands at a later time
awk	pattern scanning and processing language
basename	return non-directory portion of a pathname
batch	schedule commands to be executed in a batch queue
bc	arbitrary-precision arithmetic language
bg	run jobs in the background
break	exit from for, while, or until loop
c99	compile standard C programs
cal	print a calendar
cat	concatenate and print files
cd	change the working directory
cflow	generate a C-language flowgraph (DEVELOPMENT)
chgrp	change the file group ownership
chmod	change the file modes
chown	change the file ownership
cksum	compute file checksums and sizes

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<code>colon</code>	null utility
<code>comm</code>	select or reject lines common to two files
<code>command</code>	execute a simple command
<code>compress</code>	compress data
<code>continue</code>	continue for, while, or until loop
<code>cp</code>	copy files
<code>crontab</code>	schedule periodic background work
<code>csplit</code>	split files based on context
<code>ctags</code>	create a tags file (DEVELOPMENT, FORTRAN)
<code>cut</code>	cut out selected fields of each line of a file
<code>cxref</code>	generate a C-language program cross-reference table (DEVELOPMENT)
<code>date</code>	write the date and time
<code>dd</code>	convert and copy a file
<code>df</code>	report free disk space
<code>diff</code>	compare two files
<code>dirname</code>	return the directory portion of a pathname
<code>dot</code>	execute commands in the current environment
<code>du</code>	estimate file space usage
<code>echo</code>	write arguments to standard output
<code>ed</code>	edit text
<code>env</code>	set the environment for command invocation
<code>eval</code>	construct command by concatenating arguments

<code>exec</code>	execute commands and open, close, or copy file descriptors
<code>exit</code>	cause the shell to exit
<code>expand</code>	convert tabs to spaces
<code>export</code>	set the export attribute for variables
<code>expr</code>	evaluate arguments as an expression
<code>false</code>	return false value
<code>fc</code>	process the command history list
<code>fg</code>	run jobs in the foreground
<code>file</code>	determine file type
<code>find</code>	find files
<code>fold</code>	filter for folding lines
<code>fort77</code>	FORTTRAN compiler (FORTRAN)
<code>fuser</code>	list process IDs of all processes that have one or more files open
<code>gencat</code>	generate a formatted message catalog
<code>getconf</code>	get configuration values
<code>getopts</code>	parse utility options
<code>grep</code>	search a file for a pattern
<code>hash</code>	remember or report utility locations
<code>head</code>	copy the first part of files
<code>iconv</code>	codeset conversion
<code>id</code>	return user identity
<code>ipcrm</code>	remove an XSI message queue, semaphore set, or shared memory segment identifier

<code>jobs</code>	display status of jobs in the current session
<code>join</code>	relational database operator
<code>kill</code>	terminate or signal processes
<code>lex</code>	generate programs for lexical tasks (DEVELOPMENT)
<code>link</code>	call <code>link()</code> function
<code>ln</code>	link files
<code>locale</code>	get locale-specific information
<code>localedef</code>	define locale environment
<code>logger</code>	log messages
<code>logname</code>	return the user's login name
<code>lp</code>	send files to a printer
<code>ls</code>	list directory contents
<code>m4</code>	macro processor
<code>mailx</code>	process messages
<code>make</code>	maintain, update, and regenerate groups of programs (DEVELOPMENT)
<code>man</code>	display system documentation
<code>mesg</code>	permit or deny messages
<code>mkdir</code>	make directories
<code>mkfifo</code>	make FIFO special files
<code>more</code>	display files on a page-by-page basis
<code>mv</code>	move files

<code>nl</code>	line numbering filter
<code>nm</code>	write the name list of an object file (DEVELOPMENT)
<code>nohup</code>	invoke a utility immune to hangups
<code>od</code>	dump files in various formats
<code>paste</code>	merge corresponding or subsequent lines of files
<code>patch</code>	apply changes to files
<code>pathchk</code>	check pathnames
<code>pax</code>	portable archive interchange
<code>pr</code>	print files
<code>printf</code>	write formatted output
<code>ps</code>	report process status
<code>pwd</code>	return working directory name
<code>qalter</code>	alter batch job
<code>qdel</code>	delete batch jobs
<code>qhold</code>	hold batch jobs
<code>qmove</code>	move batch jobs
<code>qmsg</code>	send message to batch jobs
<code>qrerun</code>	rerun batch jobs
<code>qrls</code>	release batch jobs
<code>qselect</code>	select batch jobs
<code>qsig</code>	signal batch jobs
<code>qstat</code>	show status of batch jobs

<code>read</code>	read from standard input into shell variables
<code>readonly</code>	set the readonly attribute for variables
<code>renice</code>	set nice values of running processes
<code>return</code>	return from a function or dot script
<code>rm</code>	remove directory entries
<code>rmdir</code>	remove directories
<code>sed</code>	stream editor
<code>set</code>	set or unset options and positional parameters
<code>sh</code>	shell, the standard command language interpreter
<code>shift</code>	shift positional parameters
<code>sleep</code>	suspend execution for an interval
<code>sort</code>	sort, merge, or sequence check text files
<code>split</code>	split a file into pieces
<code>strings</code>	find printable strings in files
<code>strip</code>	remove unnecessary information from strippable files (DEVELOPMENT)
<code>stty</code>	set the options for a terminal
<code>tabs</code>	set terminal tabs
<code>tail</code>	copy the last part of a file
<code>talk</code>	talk to another user
<code>tee</code>	duplicate standard input
<code>test</code>	evaluate expression
<code>time</code>	time a simple command

<code>touch</code>	change file access and modification times
<code>tput</code>	change terminal characteristics
<code>tr</code>	translate characters
<code>trap</code>	trap signals
<code>true</code>	return true value
<code>tsort</code>	topological sort
<code>tty</code>	return user's terminal name
<code>type</code>	write a description of command type
<code>ulimit</code>	set or report file size limit
<code>umask</code>	get or set the file mode creation mask
<code>unalias</code>	remove alias definitions
<code>uname</code>	return system name
<code>uncompress</code>	expand compressed data
<code>unexpand</code>	convert spaces to tabs
<code>uniq</code>	report or filter out repeated lines in a file
<code>unlink</code>	call the unlink() function
<code>unset</code>	unset values and attributes of variables and functions
<code>uucp</code>	system-to-system copy
<code>uudecode</code>	decode a binary file
<code>uuencode</code>	encode a binary file
<code>uustat</code>	uucp status enquiry and job control
<code>uux</code>	remote command execution

<code>wait</code>	await process completion
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<code>wc</code>	word, line, and byte or character count
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<code>who</code>	display who is on the system
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<code>write</code>	write to another user
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<code>xargs</code>	construct argument lists and invoke utility
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<code>yacc</code>	yet another compiler compiler (DEVELOPMENT)
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<code>zcat</code>	expand and concatenate data
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