

GNU Coreutils Cheat Sheet (v1.00)

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Utility	Description	Utility	Description
arch	Print machine hardware name	nproc	Print the number of processors
base64	Base64 encode/decode strings or files	od	Dump files in octal and other formats
basename	Strip directory and suffix from file names	paste	Merge lines of files
cat	Concatenate files and print on the standard output	pathchk	Check whether file names are valid or portable
chcon	Change SELinux context of file	pinky	Lightweight finger
chgrp	Change group ownership of files	pr	Convert text files for printing
chmod	Change permission modes of files	printenv	Print all or part of environment
chown	Change user and group ownership of files	printf	Format and print data
chroot	Run command or shell with special root directory	ptx	Permuted index for GNU, with keywords in their context
cksum	Print CRC checksum and byte counts	pwd	Print current directory
comm	Compare two sorted files line by line	readlink	Display value of a symbolic link
cp	Copy files	realpath	Print the resolved file name
csplit	Split a file into context-determined pieces	rm	Delete files
cut	Remove parts of lines of files	rmdir	Remove directories
date	Print or set the system date and time	runcon	Run command with specified security context
dd	Convert a file while copying it	seq	Print sequence of numbers to standard output
df	Summarize free disk space	setuidgid	Run a command with the UID and GID of a specified user
dir	Briefly list directory contents	sha1sum	Print or check SHA-1 digests
dircolors	Color setup for ls	shred	Overwrite files and devices to make it harder to recover data
dirname	Strip suffix from file name	shuf	Shuffle lines of text
du	Summarize disk usage	sleep	Delay for a specified amount of time
echo	Write to the terminal	sort	Sort lines of text (with all kinds of options)
env	Run a program in a modified environment	split	Split a file into pieces
expand	Convert tabs to spaces	stat	Display file or file system status
expr	Evaluate expressions	stdbuf	Run a command with modified I/O stream buffering
factor	Print prime factors of n	stty	Change and print terminal line settings
false	Exit with a status code indicating failure	su	Run a shell with substitute user and group IDs
fmt	Simple text formatter	sum	Checksum and count the blocks in a file
fold	Wrap each input line to fit in specified width	sync	Synchronize data on disk with memory
getlimits	Print various platform dependent limits	tac	Concatenate and print files in reverse
groups	Print the groups a user is in	tail	Output the last part of file(s)
head	Output first part of file(s)	tee	Read from standard input and write to standard output and files
hostid	Print numeric host identifier	test	Check file types and compare values
hostname	Set or print the name of current host system	timeout	Run a command with bounded time
id	Print real and effective UIDs and GIDs	touch	Change modification and access times of files
install	Copy files and set attributes	tr	A filter to translate characters
join	Join lines of two files on a common field	true	Exit with a status code indicating success
kill	Send a signal to a process	truncate	Truncate or extend the length of files
link	Create a hard link	tsort	Topological sort
ln	Create links between files	tty	Print the name of the terminal connected to standard input
logname	Print user's login name	uname	Print system information
ls	List files	unexpand	Convert blanks to tabs
md5sum	Compute checksums of files or strings	uniq	Remove duplicate lines from a sorted file
mkdir	Make directories	unlink	Remove files via the unlink syscall
mkfifo	Make fifos (named pipes)	uptime	Print system uptime and load
mknod	Make a fifo, character file, or block file	users	Print login names of users currently logged in
mktemp	Create a temporary file or directory, safely	vdir	Verbosely list directory contents
mv	Move or rename files	wc	Print the number of lines, words, and bytes in files
nice	Run a program with modified niceness	who	Print who is currently logged in
nl	Number lines of files	whoami	Print effective user ID
nohup	Run a command immune to hangups	yes	Output a string repeatedly until killed