

Util-Linux Cheat Sheet (v1.00)

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Utility	Description	Utility	Description
addpart	Informs the Linux kernel of new partition	lslocks	List local system locks
agetty	Alternative Linux getty; handles tty, login, shell	mcookie	Generate magic cookies for xauth
arch	print machine architecture	mesg	Configure if messages from other users should be displayed
blkid	Locate/print block device attributes	mkfs	Build a Linux file system
blockdev	Call block device ioctls from the command line	mkfs.bfs	Make an SCO bfs filesystem
cal	Displays a calendar	mkfs.cramfs	Make a cramfs filesystem
cfdisk	Curses based disk partition table manipulator	mkfs.minix	Make a Minix filesystem
chcpu	Configure CPUs	mkswap	Set up a Linux swap area
chfn	Change your finger information	more	Filter for paging through text one screenful at a time
chkdupexe	Find duplicate executables	mount	Mount a file system
chrt	Manipulate real-time attributes of a process	mountpoint	See if a directory is a mountpoint
chsh	Change login shell	namei	Follow a pathname until a terminal point is found
col	Filter reverse line feeds from input	newgrp	Change the current group ID
colcrt	Filter nroff output for CRT previewing	partx	Tell the kernel about presence and numbering of disk partitions
colrm	Remove columns from a file	pg	Browse pagewise through text files
column	Convert lists into nice columns	pivot_root	Change the root file system
ctrlaltdel	Change the behavior of ctrl+alt+del	prlimit	Get and set a process resource limits
cytune	Tune driver parameters for Cyclades-Z multiport serial card	raw	Bind a Linux raw character device
ddate	Convert Gregorian dates to Discordian dates	readprofile	A tool to read kernel profiling information
delpart	Ask the Linux kernel to remove a partition	rename	Rename files
dmesg	Examine or control the kernel ring buffer	renice	Alter priority of running processes
eject	Eject removable media	resizepart	Informs the Linux kernel of a new partition size
elvtune	Tune the I/O elevator per blockdevice queue basis	rev	Reverse lines of a file or files
fallocate	Preallocate space to a file	rtcwake	Enter a system sleep state until specified wakeup time
fdformat	Low-level format a floppy disk	script	Make typescript of terminal session
fdisk	Partition table manipulator for Linux	scriptreplay	Play back typescripts, using timing information
findfs	Find a filesystem by label or UUID	setarch	Change computer arch in new program and set personality flags
findmnt	List all mounted filesystems or search for a filesystem	setsid	Run a program in a new session
flock	Manages file locks from the command line or scripts	setterm	Set terminal attributes
fsck	Check and repair one or more Linux file systems	sfdisk	Another partition table manipulator for Linux
fsck.cramfs	Check and repair a cramfs file system	su	Change user ID or become super-user
fsck.minix	Check and repair a Minix file system	sulogin	Single-user login (used by init)
fsfreeze	Suspend and resume access to a filesystem	swapon	Print or change the label or UUID of a swap area
fstrim	Discard unused blocks on a mounted filesystem	swapon	Enable devices and files for paging and swapping
getopt	Parse command options	swapoff	Disable devices and files for paging and swapping
hexdump	Ascii, decimal, hexadecimal, octal dump	switch_root	Switch to another filesystem as the root of the mount tree
hwclock	Query and set the hardware clock (RTC)	tailf	Follow the growth of a log file without side-effects
ionice	Get/set program I/O scheduling class and priority	taskset	Retrieve or set a process's CPU affinity
ipcmk	Create various ipc resources	tunelp	Set various parameters for the lp device (/dev/lpX)
ipcrm	Remove a message queue, semaphore, shared mem	ul	Convert occurrences of underscores to terminal underlines
ipcs	Provide information on ipc facilities	umount	Unmount file systems
isozsize	Outputs the length of a iso9660 file system	unshare	Run program with some namespaces unshared from parent
kill	Send a signal to the specified process/group	utmpdump	Dump UTMP and WTMP files in raw format
last	Show listing of last logged in users	uidd	UUID generation daemon
ldattach	Attach a line discipline to a serial line	uuidgen	Create (and print) a new universally unique identifier (UUID)
line	Read one line from the stdin and print it to stdout	vigr	Edit the group or shadow-group file
logger	Makes entries in the syslog system log	vipw	Edit the password or shadow-password file
login	Begin session on the system	wall	Write a message to users
look	Display lines beginning with a given string	wdctl	Show hardware watchdog status
losetup	Set up and control loop devices	whereis	Locate the binary, source, and manual page files for a command
lsblk	Prints all block devices	wipefs	Wipe a filesystem signature from a device
lscpu	Display information about the CPU architecture	write	Send a message to another user