
UNIX 101 Cheat Sheet

man - Get the manual page for a command

ls - List contents of a directory

-l - "long" format, show details

-a - Show dotted files

-h - Show sizes as human-readable

pwd - Print working directory

cd - Change directory

.. - The directory containing the current directory

.

~ - Your home directory

who - Display who is using this machine

echo - Echo arguments back

exit - Leave the shell (possibly with an error code)

cat - Concatenate file descriptors

less - Page through a body of text

sed - Transform streams of information

grep - Search a stream with a regular expression

vim - A powerful text editor

vimtutor - Learn how to use vim

tar - TApe aRchiver, collect the contents of a directory tree into a file

gzip - Compress a stream of data

zip - Collect and compress a file tree into a file

w3m - A text-based web browser

cut - Cut strings into chunks

chmod - Change file permissions (-R means recursively set all files in a tree)

chown - Change file owner (-R)

chgrp - Change file group (-R)

mkfifo - Create a named pipe

sort - Sort a stream of lines lexicographically

uniq - Discard duplicates from a stream of lines (-d means show only duplicates)

paste - Join files into columns

diff - Show differences between two files

file - Show information about a file

scp - Secure CoPy, transfer files over a network (`scp localfile me@host:remotefile`)

ssh - Login to a machine remotely (`ssh me@host`)

nice - Change process priority

kill - Send a signal to a process

KILL - Kill a process (cannot be ignore)

TERM - Politely kill a process (can be ignored)

STOP - Pause the execution of a process

CONT - Continue a paused process

HUP - Hangup, usually reloads configuration when sent to a daemon

killall - Send a signal to many processes

lpr - Print a file

lpq - Show print queue

lprm - Remove a print job (by ID)

nano - A simple text editor

passwd - Change your password

tee - Copy input to standard error and standard output