

**NAME**

kill – send a signal to a process

**SYNOPSIS**

**kill** [options] <pid> [...]

**DESCRIPTION**

The default signal for kill is TERM. Use **-l** or **-L** to list available signals. Particularly useful signals include HUP, INT, KILL, STOP, CONT, and 0. Alternate signals may be specified in three ways: **-9**, **-SIGKILL** or **-KILL**. Negative PID values may be used to choose whole process groups; see the PGID column in ps command output. A PID of **-1** is special; it indicates all processes except the kill process itself and init.

**OPTIONS**

**<pid>** [...]

Send signal to every <pid> listed.

**-<signal>**

**-s <signal>**

**--signal <signal>**

Specify the **signal** to be sent. The signal can be specified by using name or number. The behavior of signals is explained in **signal(7)** manual page.

**-l, --list [signal]**

List signal names. This option has optional argument, which will convert signal number to signal name, or other way round.

**-L, --table**

List signal names in a nice table.

**NOTES**

Your shell (command line interpreter) may have a built-in kill command. You may need to run the command described here as /bin/kill to solve the conflict.

**EXAMPLES**

**kill -9 -1**

Kill all processes you can kill.

**kill -l 11**

Translate number 11 into a signal name.

**kill -L** List the available signal choices in a nice table.

**kill 123 543 2341 3453**

Send the default signal, SIGTERM, to all those processes.

**SEE ALSO**

**kill(2)**, **killall(1)**, **nice(1)**, **pkill(1)**, **renice(1)**, **signal(7)**, **skill(1)**

**STANDARDS**

This command meets appropriate standards. The **-L** flag is Linux-specific.

**AUTHOR**

Albert Cahalan (albert@users.sf.net) wrote kill in 1999 to replace a bsduutils one that was not standards compliant. The util-linux one might also work correctly.

**REPORTING BUGS**

Please send bug reports to (procps@freelists.org)