

**NAME**

kill – send signal to a process

**SYNOPSIS**

(kill = 37.; not in assembler)

(process number in r0)

**sys kill; sig**

**kill(pid, sig);**

**DESCRIPTION**

*Kill* sends the signal *sig* to the process specified by the process number in r0. See signal (II) for a list of signals.

The sending and receiving processes must have the same effective user ID, otherwise this call is restricted to the super-user.

If the process number is 0, the signal is sent to all other processes which have the same controlling typewriter and user ID.

In no case is it possible for a process to kill itself.

**SEE ALSO**

signal (II), kill (I)

**DIAGNOSTICS**

The error bit (c-bit) is set if the process does not have the same effective user ID and the user is not super-user, or if the process does not exist. From C, -1 is returned.