

NAME

kill — send signal to a process

SYNOPSIS

(kill = 37.)

(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. The super-user can kill any process.

If the process number is 0, the signal is sent to all processes which have the same process group number as the sender. If the process number is less than 0, the signal is sent to all processes for which the sender has permission. In both of the above cases, process 0 and process 1 are excluded. Note, process 0 is really the scheduler, and process numbers must be positive to avoid confusion with error indications in C.

SEE ALSO

kill(I), signal(II)

DIAGNOSTICS

The error bit (c-bit) is set if the process does not have permission, or if the process does not exist. From C, a -1 return indicates an error.