

SENDEVENT(b)

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NAME

sendevent — send event to a process

SYNOPSIS

(sendevent = 19.)

sendevent(process, evflags)

int process; /* process number */

int evflags; /* event flags */

DESCRIPTION

Sendevent sends the events specified by the bits set in *evflags* to the process specified by *process*. Sixteen event types may be specified, eight of which have the following pre-defined meanings:

0100000	wakeup
0040000	timeout
0020000	message
0010000	hangup
0004000	interrupt
0002000	quit
0001000	abort
0000400	init

The other eight event types are user-definable. Sending an event causes the system to set the appropriate bit in the *process*' dispatcher control table and trigger the programmed interrupt at the processor priority of the receiving process. A value of 1 is returned from C.

In assembly language, r0 must contain the event flags and r1 the process number.

SEE ALSO

event(a).

DIAGNOSTICS

If the process specified does not exist, a -1 is returned from C.

In assembly language, the c-bit is set.