

**PSIGNAL(b)**

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**NAME**

`psignal` – send events to processes on a control channel

**SYNOPSIS**

(`psignal` = 20.)  
**`psignal(channel, evflags)`**  
**`int channel;`** /\* control channel number \*/  
**`int evflags;`** /\* event flags \*/

**DESCRIPTION**

*Psignal* sends the events specified by the bits set in *evflags* to all processes which have the control channel *channel*. Sending an event causes the system to set the appropriate bit in the *process*' control table and trigger the programmed interrupt at the processor priority of the receiving process. The processes are placed on the run queue at the highest possible software priority. Nothing is returned from C.

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

**SEE ALSO**

`event(a)`, `sendevent(b)`.

**DIAGNOSTICS**