

**ALARM(II)**

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**NAME**

alarm — activate alarm clock timer

**SYNOPSIS**

(alarm = 27.; not in assembler)

(seconds in r0)

**sys alarm**

**alarm(seconds)**

**DESCRIPTION**

*Alarm* returns immediately but starts a timer within the system which causes the alarm clock signal to be sent to the current process after the specified number of seconds have elapsed. The changing of the date via *stime(II)* does not cause the signal to be posted prematurely.

In assembly language, the old value of the timer (in seconds) is returned in r0. In C, that value is returned.

**SEE ALSO**

pause(II), sleep(II)

**DIAGNOSTICS**

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