Bell Telephone Laboratories, Incorporated   - 1 -   PA-1C600-01
PROGRAM APPLICATION INSTRUCTION   Section 4 (II)
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SLEEP(II)   SLEEP(II)

NAME

sleep — stop execution for interval

SYNOPSIS

(sleep = 35.; not in assembler)
(seconds in r0)
sys sleep

sleep(seconds)

DESCRIPTION

The current process is suspended from execution for the number of seconds specified by the argument. This is implemented by adding the current date to the argument to produce a new date. The process is then suspended until the new date is reached.

From C, *sleep* is implemented by using signal(II) to catch the alarm clock signal, then using alarm(II) and pause(II) to set up and wait for the alarm to occur after the number of seconds specified by the argument. The treatment of the alarm clock signal by the calling program is preserved, but any alarm currently in progress is cleared.

SEE ALSO

sleep(I), alarm(II), pause(II)

DIAGNOSTICS