Bell Telephone Laboratories, Incorporated PROGRAM APPLICATION INSTRUCTION

PERMIT(a)

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PERMIT(a)

NAME

permit – run process at priority zero

SYNOPSIS

(permit = 47.)permit()

DESCRIPTION

Permit changes the hardware priority at which the process runs to zero. A process should use *permit* to lower the processor priority upon exiting a critical region. The critical region must be protected by calling *inhibit*. A value of 1 is returned from C.

- 1 -

SEE ALSO

inhibit(a).

DIAGNOSTICS

Paint pars an antiv for the new process in the DCT table. The new process must be statted by the parent process by sending it a walcup event after the call to parent. The first calling sequence is for starting up a supervisor-user process. The second calling sequence is for statting of a tensei-profile process. The processor priority specified parent is 1 for a supervisory process and then 3 to 7 (or a kernel process). The priority specified parent is 1 for a supervisory process channel is specified by chart. For a supervisory process, segment is the entry in the parent PCB of the segment ID of the PCB of the process being started. For a kernel process, segment is the entry in the parent PCB of the process being started. For a kernel process, segment is the entry in the process is to run (0 - 0360) is specified by *quar* for a supervisory process. The parent process is to run (0 - 0360) is specified by *quar* for a supervisory process. The parent process is to run (0 - 0360) is specified by *quar* for a supervisory process. The parent is process is to run (0 - 0360) is specified by *quar* for a supervisory process. The parent is process. The process and *mismace* specifies the total number of D-spece parents in the process. The process and *mismace* specifies the total number of D-spece parents in the process. The process and *mismace* specifies the total number of D-spece parents in the process. The process and *mismace* specifies the total number of D-spece parents in the process. The process and *mismace* specifies the total number of D-spece parents in the process. The process have estimate as defined in *furt*/spec (kpre-g).

The process number of the started process is returned from Q. The high otder byte of the process number is the incarnation count and the low order byte is the entry number in the DCT table

SEL MLSO

02 (6), KDF0 (8)

iest is returned from C if the process could not be statted because of insufficient swap space