OPENSEG(a)   **OPENSEG(a)**

NAME

    openseg — add a segment id to the process segment table

SYNOPSIS

    (openseg = 1)
    openseg(segnum,segid,segflags,mode)

DESCRIPTION

    The process segment table entry indexed by *segnum* is filled in with *segflags* and *segid*. The user count of the segment named by *segid* is incremented. This system function is used by the process manager in producing a core dump of a process. In assembly language, a value of 0 is returned in r0 if the segment is in a blocked state; the process then roadblocks in the library routine waiting for the segment to become unblocked. Normally a value of 1 is returned from C.

    The value of *mode* is tested by the kernel only if this function is invoked by the process manager. If the *mode* is non-zero, the user count of the segment is not incremented; otherwise the user count is incremented as usual.

ALSO SEE

    alocseg(a), setmap(a), unblkseg(a)

DIAGNOSTICS

    C returns -1 if *segid* is not a valid segment id or if *segid* is unallocated. There is a fault return with fault code 10 if the segment table entry indexed by *segnum* is non-zero.