Bell Telephone Laboratories, Incorporated   - 1 -   PA-1C600-01
PROGRAM APPLICATION INSTRUCTION   Section 13 (b)
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AT&TCo SPCS

IOLOCK(b)   IOLOCK(b)

NAME

iolock − lock segment for I/O

SYNOPSIS

(iolock = 4.)
iolock(segid)
int segid;   /* segment ID */

DESCRIPTION

Iolock locks the segment named by *segid* into memory for an I/O transfer. This is done by incrementing a lock count associated with this segment in the segment descriptor table. The starting block address of this segment is returned from C.

In assembly language, r0 must contain the segment ID, *segid*. The starting block address of this segment is returned in r0.

SEE ALSO

uniolock(b).

DIAGNOSTICS

A value of zero is returned from C if *segid* is not a valid segment ID or if the segment is not in memory.

In assembly language, the c-bit is set.

FUTURE AND DMERT DIAGNOSTICS

A value of -1 is returned from C if *segid* is not a valid segment ID or if the segment is not in memory.