Bell Telephone Laboratories, Incorporated PROGRAM APPLICATION INSTRUCTION

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SEGNAME(a)

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#### NAME

segname – get segment name

SYNOPSIS

(segname = 52.) segname(segnum, name) int segnum; int name[2];

## DESCRIPTION

This kernel call returns the 32-bit name of the segment indexed by *segnum* in the process segment table into the two word name pointed to by *name*.

From assembly language, r0 points to a two word block containing *segnum* and *name* (the address of a double word name). If the request is successful, the c-bit is clear and r0 is positive. A value of 1 is returned from C.

#### ALSO SEE

alocseg(a).

### DIAGNOSTICS

C returns -1 if the segment is non-existent or is unnamed. Fault return with fault code 10 if segment table entry is zero or *segnum* is greater than 47.

and then the sender's data. The sender need only fill in the capability number open number in the sended we works of the structure from the process PCB before sending the message onto the trian process. If the capability specified is had or none is specified the message beader. It is the receiver's and the message header. It is the receiver's and maximum the message. Otherwise the capability in is set in the message header. It is the receiver's and maximum bility to validate the capability in the sender must also fill in the message in our more set of the sender. It is the receiver's and maximum bility to validate the capability in the sender must also fill in the message to out the filles of the maxage. Otherwise the capability in the sender must also fill in the max may may may and maxim set of the massage. The maxime work is the size of the sender's message to out the value of 0377 is senter at the maxage. The maxage is work exclusive are all to acknowledgement message. The sender may fill in medeat in out of 0377 is sented in the triang the fille of the maximum the sectors of the sender may fill in medeat to contriby a sentent in the sector in the fille during the fille of the maximum the sector in the maxage to work exclusive is antisolated to the sented maximum the sectors in the fille of the maximum the sector in the maxage is work and the maximum the sector in the sector mathematic or contriby a sector mathemation is the fille of the maximum the sectors in the maxage to fille of the maximum the sectors and the sector mathematic action to the sector mathematic action in the sector mathematic is the sector mathematic and the maxage to do the sector mathematic actions the sector mathematic is the sector mathematic action to be an process. The sector mathematics and the maxage to do the maximum the sector mathematic and the sector mathematic is the sector mathematic actions and the maxage to do the sector mathematic actions and the maxage to do the sector mathematic action of the sector mathematics and the

If the lapped message queue for the receiver is overloaded or no mussage durities area in the conclusion of the readcentel message buffer pool area, an error is passed back to the library routine which they read-

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