

**SPACALOC(a)**

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**NAME**

spacaloc - allocate space for segment; add it to the proc. virtual addr. space address space

**SYNOPSIS**

(spacaloc = 7)  
spacaloc(segnum)

**DESCRIPTION**

Memory is allocated, zeroed, and assigned to the segment indexed by *segnum*. The segment is then added to the process virtual address space (see *addseg(a)*). If the calling process does not have write permission on the segment, this system function reduces to *addseg*. A value of 1 is returned from C.

**ALSO SEE**

addseg(a)

**DIAGNOSTICS**

C returns -1 if the *segnum* points to a null segment table entry. Fault return with code 10 if *segnum* exceeds the available number of segment table entries.