

PUNSWAP(a)

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NAME

punswap — make a process non-swap

SYNOPSIS

(punswap = 16.)
punswap ()

DESCRIPTION

All the active segments in the process segment table are made non-swap (segments are not "locked" since they can still be shifted in memory to reduce fragmentation). The non-swap bit is set in the kernel process tables which permits the scheduler to dispatch to the process without calling the memory manager to check if all the segments are in memory. This is useful for processes which require service within real time limits shorter than the swap time. A value of 1 is returned from C.

ALSO SEE

pswap(a)

DIAGNOSTICS

C returns -1 if the memory available for swapping will be less than 8K words after all the segments are made non-swap.