

**INHIBIT(a)**

**INHIBIT(a)**

**NAME**

inhibit -- run process at priority one

**SYNOPSIS**

(inhibit = 22.)  
**inhibit()**

**DESCRIPTION**

*Inhibit* changes the hardware priority at which the process runs from zero to one, to protect critical regions in the supervisor code from receiving events which may be received at processor priority one. The critical region can only be protected for up to 3 clock ticks ( 48 msec.) before the processor priority is lowered to zero by the system. A process should use *permit* (see *permit(a)*) to lower the processor priority upon exiting the critical region. A value of 1 is returned from C.

**SEE ALSO**

*permit(a)*.

**DIAGNOSTICS**