in

	COLLABORATORS		
	TITLE : in		
ACTION	*NAME*	*DATE*	*SIGNATURE*
WRITTEN BY		July 26, 2024	

	REVISION HISTORY		
NUMBER	DATE	DESCRIPTION	NAME

Contents

Chapter 1

in

1.1 ModuleInformation

```
ShowModule v1.10 (c) 1992 $#%!
now showing: "exec/semaphores.m"
NOTE: don't use this output in your code, use the module instead.

(----) OBJECT sm
(   0)   mp:mp (or ARRAY OF mp)
(  34)   bids:INT
(----) ENDOBJECT      /* SIZEOF=36 */

(----) OBJECT semaphoremessage
(   0)   mn:mn (or ARRAY OF mn)
(  20)   semaphore:PTR TO ss
(----) ENDOBJECT      /* SIZEOF=24 */

(----) OBJECT ss
(   0)   ln:ln (or ARRAY OF ln)
(  14)   nestcount:INT
(  16)   waitqueue:mlh (or ARRAY OF mlh)
(  28)   multiplelink:ssr (or ARRAY OF ssr)
(  40)   owner:PTR TO tc
(  44)   queuecount:INT
(----) ENDOBJECT      /* SIZEOF=46 */

(----) OBJECT ssr
(   0)   mln:mln (or ARRAY OF mln)
(   8)   waiter:PTR TO tc
(----) ENDOBJECT      /* SIZEOF=12 */

CONST SM_LOCKMSG=16,
      SM_SHARED=1,
      SM_EXCLUSIVE=0
```