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| COLLABORATORS |
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| | <i>TITLE :</i> in | | |
| <i>ACTION</i> | <i>NAME</i> | <i>DATE</i> | <i>SIGNATURE</i> |
| WRITTEN BY | | May 28, 2025 | |

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| REVISION HISTORY |
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| NUMBER | DATE | DESCRIPTION | NAME |
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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
```