

in

COLLABORATORS

	TITLE : in		
ACTION	NAME	DATE	SIGNATURE
WRITTEN BY		May 28, 2025	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

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Chapter 1

in

1.1 ModuleInformation

ShowModule v1.10 (c) 1992 \$#%!

now showing: "exec/tasks.m"

NOTE: don't use this output in your code, use the module instead.

```
(----) OBJECT stackswapstruct
(  0)   lower:LONG
(  4)   upper:LONG
(  8)   pointer:LONG
(----) ENDOBJECT      /* SIZEOF=12 */

(----) OBJECT etask
(  0)   mn:mn (or ARRAY OF mn)
( 20)   parent:PTR TO tc
( 24)   uniqueid:LONG
( 28)   children:mlh (or ARRAY OF mlh)
( 40)   trapalloc:INT
( 42)   trapable:INT
( 44)   result1:LONG
( 48)   result2:LONG
( 52)   taskmsgport:mp (or ARRAY OF mp)
(----) ENDOBJECT      /* SIZEOF=86 */

(----) OBJECT tc
(  0)   ln:ln (or ARRAY OF ln)
( 14)   flags:CHAR
( 15)   state:CHAR
( 16)   idnestcnt:CHAR
( 17)   tdnestcnt:CHAR
( 18)   sigalloc:LONG
( 22)   sigwait:LONG
( 26)   sigrecvd:LONG
( 30)   sigexcept:LONG
( 34)   etask:PTR TO etask
( 34)   trapalloc:INT
( 36)   trapable:INT
( 38)   exceptdata:LONG
( 42)   exceptcode:LONG
( 46)   trapdata:LONG
```

```
( 50)   trapcode:LONG
( 54)   spreg:LONG
( 58)   splower:LONG
( 62)   spupper:LONG
( 66)   switch:LONG
( 70)   launch:LONG
( 74)   mementry:lh (or ARRAY OF lh)
( 88)   userdata:LONG
(----) ENDOBJECT      /* SIZEOF=92 */
```

```
CONST TF_SWITCH=$40,
      TB_SWITCH=6,
      TS_INVALID=0,
      CHILD_ACTIVE=4,
      TF_ETASK=8,
      TB_ETASK=3,
      TF_PROCTIME=1,
      TB_PROCTIME=0,
      CHILD_EXITED=3,
      SIGF_SINGLE=16,
      SIGB_SINGLE=4,
      SYS_TRAPALLOC=$8000,
      SYS_SIGALLOC=$FFFF,
      SIGF_DOS=$100,
      SIGB_DOS=8,
      SIGF_INTUITION=$20,
      SIGB_INTUITION=5,
      TS_EXCEPT=5,
      TF_EXCEPT=$20,
      TB_EXCEPT=5,
      SIGF_NET=$80,
      SIGB_NET=7,
      TS_REMOVED=6,
      TS_READY=3,
      CHILD_NOTNEW=1,
      SIGF_BLIT=16,
      SIGB_BLIT=4,
      TF_STACKCHK=16,
      TB_STACKCHK=4,
      TS_WAIT=4,
      TS_ADDED=1,
      TF_LAUNCH=$80,
      TB_LAUNCH=7,
      SIGF_CHILD=2,
      SIGB_CHILD=1,
      CHILD_NOTFOUND=2,
      SIGF_ABORT=1,
      SIGB_ABORT=0,
      TS_RUN=2
```