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/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
```