

in

COLLABORATORS

	<i>TITLE :</i> in		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
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: "graphics/copper.m"
NOTE: don't use this output in your code, use the module instead.
```

```
(----) OBJECT copinit
(  0)   vsync_hblank[2]:ARRAY OF INT
(  4)   diagstrt[12]:ARRAY OF INT
( 28)   fm0[2]:ARRAY OF INT
( 32)   diwstart[10]:ARRAY OF INT
( 52)   bplcon2[2]:ARRAY OF INT
( 56)   sprfix[16]:ARRAY OF INT
( 88)   sprstrtup[32]:ARRAY OF INT
(152)   wait14[2]:ARRAY OF INT
(156)   norm_hblank[2]:ARRAY OF INT
(160)   jump[2]:ARRAY OF INT
(164)   wait_forever[6]:ARRAY OF INT
(176)   sprstop[8]:ARRAY OF INT
(----) ENDOBJECT      /* SIZEOF=192 */
```

```
(----) OBJECT ucoplist
(  0)   next:PTR TO ucoplist
(  4)   firstcoplist:PTR TO coplist
(  8)   coplist:PTR TO coplist
(----) ENDOBJECT      /* SIZEOF=12 */
```

```
(----) OBJECT coplist
(  0)   next:PTR TO coplist
(  4)   coplist_:PTR TO coplist
(  8)   viewport_:PTR TO viewport
( 12)   copins:PTR TO copins
( 16)   copptr:PTR TO copins
( 20)   coplstart:PTR TO INT
( 24)   copsstart:PTR TO INT
( 28)   count:INT
( 30)   maxcount:INT
( 32)   dyoffset:INT
( 34)   slrepeat:INT
( 36)   flags:INT
```

```
(----) ENDOBJECT      /* SIZEOF=38 */

(----) OBJECT cprlist
(   0)   next:PTR TO cprlist
(   4)   start:PTR TO INT
(   8)   maxcount:INT
(----) ENDOBJECT      /* SIZEOF=10 */

(----) OBJECT copins
(   0)   opcode:INT
(   2)   nxtlist:PTR TO coplist
(   2)   destaddr:INT
(   2)   vwaitpos:INT
(   4)   destdata:INT
(   4)   hwaitpos:INT
(----) ENDOBJECT      /* SIZEOF=6 */

CONST COPPER_MOVE=0,
      CPR_NT_SHT=$4000,
      CPR_NT_SYS=$2000,
      CPR_NT_LOF=$8000,
      CPRNXTBUF=2,
      COPPER_WAIT=1,
      HALF_LINE=2,
      EXACT_LINE=1

#define DESTDATA/0
#define DESTADDR/0
#define HWAITPOS/0
#define VWAITPOS/0
```
