

**in**

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

<b>REVISION HISTORY</b>
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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: "graphics/rastport.m"  
NOTE: don't use this output in your code, use the module instead.

```
(----) OBJECT areainfo
(  0)   vctrtbl:PTR TO INT
(  4)   vctrptr:PTR TO INT
(  8)   flagtbl:PTR TO CHAR
( 12)   flagptr:PTR TO CHAR
( 16)   count:INT
( 18)   maxcount:INT
( 20)   firstx:INT
( 22)   firsty:INT
(----) ENDOBJECT      /* SIZEOF=24 */

(----) OBJECT rastport
(  0)   layer:PTR TO layer
(  4)   bitmap:PTR TO bitmap
(  8)   areaptrn:PTR TO INT
( 12)   tmpras:PTR TO tmpras
( 16)   areainfo:PTR TO areainfo
( 20)   gelsinfo:PTR TO gelsinfo
( 24)   mask:CHAR
( 25)   fgpen:CHAR
( 26)   bgpen:CHAR
( 27)   aolpen:CHAR
( 28)   drawmode:CHAR
( 29)   areaptsz:CHAR
( 30)   linpatcnt:CHAR
( 31)   dummy:CHAR
( 32)   flags:INT
( 34)   lineptrn:INT
( 36)   cp_x:INT
( 38)   cp_y:INT
( 40)   minterms[8]:ARRAY OF CHAR
( 48)   penwidth:INT
( 50)   penheight:INT
( 52)   font:PTR TO textfont
```

```
( 56)  algostyle:CHAR
( 57)  txflags:CHAR
( 58)  txheight:INT
( 60)  txwidth:INT
( 62)  txbaseline:INT
( 64)  txspacing:INT
( 66)  rp_user:PTR TO LONG
( 70)  longreserved[2]:ARRAY OF LONG
( 78)  wordreserved[7]:ARRAY OF INT
( 92)  reserved[8]:ARRAY OF CHAR
(----) ENDOBJECT      /* SIZEOF=100 */
```

```
(----) OBJECT gelsinfo
(  0)  sprrsrvd:CHAR
(  1)  flags:CHAR
(  2)  gelhead:PTR TO vs
(  6)  geltail:PTR TO vs
( 10)  nextline:PTR TO INT
( 14)  lastcolor:PTR TO LONG
( 18)  collhandler:PTR TO colltable
( 22)  leftmost:INT
( 24)  rightmost:INT
( 26)  topmost:INT
( 28)  bottommost:INT
( 30)  firstblissobj:LONG
( 34)  lastblissobj:LONG
(----) ENDOBJECT      /* SIZEOF=38 */
```

```
(----) OBJECT tmpras
(  0)  rasptra:PTR TO CHAR
(  4)  size:LONG
(----) ENDOBJECT      /* SIZEOF=8 */
```

```
CONST RP_AOLPEN=27,
      RPF_DBUFFER=4,
      RP_LINPATCNT=30,
      FRST_DOT=1,
      ONE_DOT=2,
      RPF_ONE_DOT=2,
      RPF_FRST_DOT=1,
      RP_MASK=24,
      RP_INVERSVID=4,
      RP_LINEPTRN=$22,
      RP_AREAPTRN=8,
      RP_COMPLEMENT=2,
      RP_AREAPTSZ=29,
      FRST_DOTN=0,
      ONE_DOTN=1,
      RP_JAM1=0,
      RP_JAM2=1,
      RPF_AREAOUTLINE=8,
      RPF_NOCROSSFILL=$20,
      RPF_TXSCALE=1,
      RP_FLAGS=$20
```