

**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

# Contents

<b>1</b>	<b>in</b>	<b>1</b>
1.1	ModuleInformation . . . . .	1

# Chapter 1

## in

### 1.1 ModuleInformation

```
ShowModule v1.10 (c) 1992 $#%!
now showing: "intuition/gadgetclass.m"
NOTE: don't use this output in your code, use the module instead.
```

```
(----) OBJECT gplayout
(  0)  methodid:LONG
(  4)  ginfo:PTR TO gadgetinfo
(  8)  initial:LONG
(----) ENDOBJECT      /* SIZEOF=12 */

(----) OBJECT gpgoinactive
(  0)  methodid:LONG
(  4)  ginfo:PTR TO gadgetinfo
(  8)  abort:LONG
(----) ENDOBJECT      /* SIZEOF=12 */

(----) OBJECT gpgoactive
(  0)  methodid:LONG
(  4)  ginfo:PTR TO gadgetinfo
(  8)  ievent:PTR TO inputevent
( 12)  termination:PTR TO LONG
( 16)  mousex:INT
( 18)  mousey:INT
( 20)  tabletdata:PTR TO tabletdata
(----) ENDOBJECT      /* SIZEOF=24 */

(----) OBJECT gpinput
(  0)  methodid:LONG
(  4)  ginfo:PTR TO gadgetinfo
(  8)  ievent:PTR TO inputevent
( 12)  termination:PTR TO LONG
( 16)  mousex:INT
( 18)  mousey:INT
( 20)  tabletdata:PTR TO tabletdata
(----) ENDOBJECT      /* SIZEOF=24 */

(----) OBJECT gprender
(  0)  methodid:LONG
```

```
( 4)  ginfo:PTR TO gadgetinfo
( 8)  rport:PTR TO rastport
(12)  redraw:LONG
(----) ENDOBJECT      /* SIZEOF=16 */

(----) OBJECT gphelpstest
( 0)  methodid:LONG
( 4)  ginfo:PTR TO gadgetinfo
( 8)  mousex:INT
(10)  mousey:INT
(----) ENDOBJECT      /* SIZEOF=12 */

(----) OBJECT gphittest
( 0)  methodid:LONG
( 4)  ginfo:PTR TO gadgetinfo
( 8)  mousex:INT
(10)  mousey:INT
(----) ENDOBJECT      /* SIZEOF=12 */

CONST STRINGA_FONT=$80032008,
      STRINGA_WORKBUFFER=$80032004,
      STRINGA_UNDOBUFFER=$80032003,
      STRINGA_BUFFER=$80032002,
      GA_SYSGTYPE=$8003001E,
      STRINGA_ALTKEYMAP=$80032007,
      LORIENT_HORIZ=1,
      GM_HELPTEST=5,
      GM_HITTEST=0,
      STRINGA_BUFFERPOS=$80032005,
      GMRF_PREVACTIVE=$20,
      GMRF_NEXTACTIVE=16,
      GMRB_PREVACTIVE=5,
      GMRB_NEXTACTIVE=4,
      GMR_PREVACTIVE=$20,
      GMR_NEXTACTIVE=16,
      GMR_MEACTIVE=0,
      GM_GOINACTIVE=4,
      GM_GOACTIVE=2,
      GM_HANDLEINPUT=3,
      GA_RELSPECIAL=$80030027,
      LAYOUTA_DUMMY=$80038000,
      STRINGA_DUMMY=$80032000,
      PGA_DUMMY=$80031000,
      GA_ID=$80030010,
      GA_DUMMY=$80030000,
      GMRF_VERIFY=8,
      GMRB_VERIFY=3,
      GMR_VERIFY=8,
      GA_RELVERIFY=$80030016,
      GMR_HELPCODE=$10000,
      GA_DISABLED=$8003000E,
      GA_USERDATA=$80030011,
      GREDRAW_UPDATE=2,
      STRINGA_DISPPOS=$80032006,
      GA_IMMEDIATE=$80030015,
      STRINGA_TEXTVAL=$80032012,
      GMR_HELPHIT=-1,
```

```
GMR_NOHELPHIT=0,
GM_RENDER=1,
GA_SELECTRENDER=$8003000C,
GA_LABELIMAGE=$80030023,
GA_FOLLOWMOUSE=$80030017,
GA_IMAGE=$8003000A,
PGA_HORIZPOT=$80031003,
LAYOUTA_ORIENTATION=$80038003,
STRINGA_JUSTIFICATION=$80032010,
GA_SYSGADGET=$8003001D,
GA_ENDGADGET=$80030014,
GA_GZZGADGET=$8003000F,
GA_INTUITEXT=$80030022,
GA_TEXT=$80030009,
LAYOUTA_LAYOUTOBJ=$80038001,
GREDRAW_REDRAW=1,
STRINGA_LONGVAL=$80032011,
GA_TOGGLESELECT=$8003001C,
GA_DRAWINFO=$80030021,
GA_SPECIALINFO=$80030012,
LORIENT_NONE=0,
PGA_TOP=$80031009,
GA_TOP=$80030003,
PGA_VISIBLE=$80031008,
STRINGA_NOFILTERMODE=$8003200F,
STRINGA_FIXEDFIELDMODE=$8003200E,
STRINGA_REPLACEMODE=$8003200D,
PGA_FREEDOM=$80031001,
GA_SELECTED=$80030013,
GA_RELBOTTOM=$80030004,
GA_HIGHLIGHT=$8003000D,
GA_RELHEIGHT=$80030008,
GA_HEIGHT=$80030007,
GA_RELRIGHT=$80030002,
STRINGA_EDITMODES=$8003200C,
PGA_BORDERLESS=$80031002,
SG_DEFAULTMAXCHARS=$80,
STRINGA_MAXCHARS=$80032001,
GA_LEFT=$80030001,
PGA_TOTAL=$80031007,
LORIENT_VERT=2,
GMRF_REUSE=4,
GMRF_NOREUSE=2,
GMRB_REUSE=2,
GMRB_NOREUSE=1,
GMR_REUSE=4,
GMR_NOREUSE=2,
STRINGA_ACTIVEPENS=$8003200A,
STRINGA_PENS=$80032009,
GA_BOUNDS=$80030026,
PGA_VERTBODY=$80031006,
PGA_HORIZBODY=$80031004,
LAYOUTA_SPACING=$80038002,
STRINGA_EDITHOOK=$8003200B,
GA_TABCYCLE=$80030024,
PGA_VERTPOT=$80031005,
GREDRAW_TOGGLE=0,
```

```
PGA_NEWLOOK=$8003100A,  
GA_RELWIDTH=$80030006,  
GA_WIDTH=$80030005,  
GMR_GADGETHIT=4,  
STRINGA_EXITHELP=$80032013,  
GA_GADGETHELP=$80030025,  
GA_BOTTOMBORDER=$8003001B,  
GA_TOPBORDER=$8003001A,  
GA_LEFTBORDER=$80030019,  
GA_RIGHTBORDER=$80030018,  
GA_BORDER=$8003000B,  
GA_NEXT=$80030020,  
GA_PREVIOUS=$8003001F,  
GM_LAYOUT=6
```