

**in**

**COLLABORATORS**

	<i>TITLE :</i> in	
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>
WRITTEN BY		July 26, 2024

**REVISION HISTORY**

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

(----) OBJECT gphelptest
(    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_HELP HIT=-1,
```

```
GMR_NOHELPHT=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_BOTTOM BORDER=$8003001B,  
GA_TOP BORDER=$8003001A,  
GA_LEFT BORDER=$80030019,  
GA_RIGHT BORDER=$80030018,  
GA_BORDER=$8003000B,  
GA_NEXT=$80030020,  
GA_PREVIOUS=$8003001F,  
GM_LAYOUT=6
```