

in

COLLABORATORS

	<i>TITLE :</i> in		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
WRITTEN BY		April 16, 2022	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

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Chapter 1

in

1.1 ModuleInformation

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

```
(----) OBJECT lvdrawmsg
(  0)  methodid:LONG
(  4)  rastport:PTR TO rastport
(  8)  drawinfo:PTR TO drawinfo
( 12)  bounds:rectangle (or ARRAY OF rectangle)
( 20)  state:LONG
(----) ENDOBJECT      /* SIZEOF=24 */
```

```
(----) OBJECT newmenu
(  0)  type:CHAR
(  1)  pad:CHAR
(  2)  label:PTR TO CHAR
(  6)  commkey:PTR TO CHAR
( 10)  flags:INT
( 12)  mutualexclude:LONG
( 16)  userdata:LONG
(----) ENDOBJECT      /* SIZEOF=20 */
```

```
(----) OBJECT newgadget
(  0)  leftedge:INT
(  2)  topedge:INT
(  4)  width:INT
(  6)  height:INT
(  8)  gadgettext:PTR TO CHAR
( 12)  textattr:PTR TO textattr
( 16)  gadgetid:INT
( 18)  flags:LONG
( 22)  visualinfo:LONG
( 26)  userdata:LONG
(----) ENDOBJECT      /* SIZEOF=30 */
```

```
CONST GTBB_FRAMETYPE=$8008004D,
      IM_SUB=$83,
      NM_SUB=3,
```

```
PLACETEXT_BELOW=8,  
GTMN_AMIGAKEY=$80080042,  
GTNW_ACTIVE=$8008000F,  
GTCY_ACTIVE=$8008000F,  
GTMX_ACTIVE=$8008000A,  
GTMENU_INVALID=2,  
NM_FLAGMASK_V39=$FFFFFF3D,  
NM_BARLABEL=-1,  
NG_HIGHLABEL=$20,  
GTMN_TEXTATTR=$80080031,  
PLACETEXT_ABOVE=4,  
LVR_NORMAL=0,  
GTMN_NEWLOOKMENUS=$80080043,  
NWAY_KIND=7,  
TEXT_KIND=13,  
STRING_KIND=12,  
SLIDER_KIND=11,  
SCROLLER_KIND=9,  
PALETTE_KIND=8,  
CYCLE_KIND=7,  
NUMBER_KIND=6,  
MX_KIND=5,  
LISTVIEW_KIND=4,  
INTEGER_KIND=3,  
CHECKBOX_KIND=2,  
BUTTON_KIND=1,  
GENERIC_KIND=0,  
NM_IGNORE=$40,  
GTMN_FORMAT=$8008004B,  
GTSL_LEVELFORMAT=$8008002A,  
LVR_SELECTEDDISABLED=8,  
LVR_NORMALDISABLED=2,  
NM_ITEMDISABLED=16,  
NM_MENUDISABLED=1,  
GTMENU_NOMEM=3,  
GTMN_CHECKMARK=$80080041,  
GT_UNDERSCORE=$80080040,  
GTMN_MAXNUMBERLEN=$8008004C,  
IM_ITEM=$82,  
NM_ITEM=2,  
GTSC_ARROWS=$8008003B,  
BBFT_ICONDROPBOX=3,  
GADTOOLMASK=$FFFF7FFF,  
NM_FLAGMASK=$FFFFFF39,  
GTVI_NWTAGS=$80080002,  
GT_TAGBASE=$80080000,  
GTMN_FRONTPEN=$80080048,  
GTTX_FRONTPEN=$80080048,  
GTMN_FRONTPEN=$80080032,  
GTMENU_TRIMMED=1,  
NM_END=0,  
MENU_IMAGE=$80,  
GADTOOLBIT=$8000,  
GTPA_COLORTABLE=$80080052,  
GTSL_JUSTIFICATION=$80080051,  
GTMN_JUSTIFICATION=$8008004A,  
GTTX_JUSTIFICATION=$8008004A,
```

GTPA_NUMCOLORS=\$80080046,
PLACETEXT_IN=16,
GTST_STRING=\$8008002D,
NM_COMMANDSTRING=4,
GTTX_COPYTEXT=\$8008000C,
GTTX_TEXT=\$8008000B,
GTIN_NUMBER=\$8008002F,
GTNM_NUMBER=\$8008000D,
LV_DRAW=\$202,
GTMN_SECONDARYERROR=\$8008003F,
GTNW_LABELS=\$8008000E,
GTCY_LABELS=\$8008000E,
GTMX_LABELS=\$80080009,
GTLV_LABELS=\$80080006,
NUM_KINDS=14,
GTBB_RECESSED=\$80080033,
GTSL_MIN=\$80080026,
NM_TITLE=1,
GTPA_COLOR=\$80080011,
GT_RESERVED0=\$80080037,
LVCB_UNKNOWN=1,
GT_RESERVED1=\$80080038,
GTMN_FULLMENU=\$8008003E,
GTMN_MENU=\$8008003C,
GTNM_BACKPEN=\$80080049,
GTTX_BACKPEN=\$80080049,
GTNM_CLIPPED=\$80080055,
GTTX_CLIPPED=\$80080055,
GT_VISUALINFO=\$80080034,
GTMX_TITLEPLACE=\$80080047,
GTSL_DISPFUNC=\$8008002C,
GTSL_LEVELPLACE=\$8008002B,
GTSC_TOP=\$80080015,
GTLV_TOP=\$80080005,
GTLV_MAKEVISIBLE=\$8008004E,
GTSC_VISIBLE=\$80080017,
LVR_SELECTED=1,
GTLV_SELECTED=\$80080036,
GTLV_SHOWSELECTED=\$80080035,
INTERHEIGHT=4,
BBFT_BUTTON=1,
GTJ_CENTER=2,
GTJ_RIGHT=1,
GTPA_INDICATORHEIGHT=\$80080014,
CHECKBOX_HEIGHT=11,
MX_HEIGHT=9,
PLACETEXT_RIGHT=2,
GTSL_MAXPIXELLEN=\$80080050,
GTSL_MAXLEVELLEN=\$80080029,
GTMX_SCALED=\$80080045,
GTCB_SCALED=\$80080044,
GTJ_LEFT=0,
GTIN_MAXCHARS=\$80080030,
GTST_MAXCHARS=\$8008002E,
PLACETEXT_LEFT=1,
GTLV_READONLY=\$80080007,
GTCB_CHECKED=\$80080004,

```
GT_PRIVATE0=$80080003,  
GTSC_TOTAL=$80080016,  
LVCB_OK=0,  
GTPA_COLOROFFSET=$80080012,  
GTPA_DEPTH=$80080010,  
GTMX_SPACING=$8008003D,  
GTIN_EDITHOOK=$80080037,  
GTST_EDITHOOK=$80080037,  
GTVI_NEWWINDOW=$80080001,  
INTERWIDTH=8,  
BBFT_RIDGE=2,  
GTPA_INDICATORWIDTH=$80080013,  
GTLV_SCROLLWIDTH=$80080008,  
CHECKBOX_WIDTH=26,  
MX_WIDTH=17,  
GTSC_OVERLAP=$80080018,  
NWAYIDCMP=$40,  
GTSL_MAX=$80080027,  
TEXTIDCMP=0,  
STRINGIDCMP=$40,  
SLIDERIDCMP=$70,  
SCROLLERIDCMP=$70,  
PALETTEIDCMP=$40,  
CYCLEIDCMP=$40,  
NUMBERIDCMP=0,  
MXIDCMP=$20,  
LISTVIEWIDCMP=$400078,  
INTEGERIDCMP=$40,  
CHECKBOXIDCMP=$40,  
BUTTONIDCMP=$40,  
ARROWIDCMP=$400068,  
GTNM_BORDER=$8008003A,  
GTTX_BORDER=$80080039,  
GTSL_LEVEL=$80080028
```

```
#define MENU_USERDATA/1  
#define GTMENUITEM_USERDATA/1  
#define GTMENU_USERDATA/1
```