

**GadToolsL**

<b>COLLABORATORS</b>
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	<i>TITLE :</i> GadToolsL		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
WRITTEN BY		July 22, 2024	

<b>REVISION HISTORY</b>
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NUMBER	DATE	DESCRIPTION	NAME

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## Chapter 1

# GadToolsL

### 1.1 GadToolsL

#### Prozeduren

CreateContext	CreateGadgetA	CreateMenuSA
DrawBevelBoxA	FreeGadgets	FreeMenus
FreeVisualInfo	GTBeginRefresh	GTEndRefresh
GTFilterIMsg	GTGetIMsg	GTPostFilterIMsg
GTRefreshWindow	GTReplyIMsg	GTSetGadgetAttrsA
GetVisualInfoA	LayoutMenuItemsA	LayoutMenuSA

#### Konstanten

gadtoolsMinVersion	gadtoolsName
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#### Variablen

gadtoolsBase	gadtoolsVersion
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### 1.2 TMP:Modula-2/GadToolsL.def

```
DEFINITION MODULE GadToolsL{"gadtools.library",36};
(* 18-Apr-1992/cn *)

FROM SYSTEM IMPORT ADDRESS;

FROM ExecD IMPORT  MsgPortPtr , LibraryPtr ;

FROM GraphicsD IMPORT  RastPortPtr ;

FROM IntuitionD IMPORT
  Gadget , GadgetPtr , IntuiMessagePtr , MenuItemPtr , MenuPtr , RequesterPtr ,
  ScreenPtr , WindowPtr ;

FROM UtilityD IMPORT  TagItemPtr ;
```

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```
IMPORT
  d:GadToolsD,R;

VAR
  gadtoolsVersion:INTEGER;
  gadtoolsBase: LibraryPtr ;

CONST
  gadtoolsMinVersion=36;
  gadtoolsName="gadtools.library";

PROCEDURE  CreateContext (
  VAR glistptr{R.A0}: GadgetPtr ): GadgetPtr ; CODE -114;

PROCEDURE  CreateGadgetA (
  kind{R.D0}:LONGCARD;
  VAR previous{R.A0}: Gadget ;
  VAR ng{R.A1}:d. NewGadget ;
  taglist{R.A2}: TagItemPtr ): GadgetPtr ; CODE -30;

PROCEDURE  CreateMenuA (
  newmenu{R.A0}:d. NewMenuPtr ;
  taglist{R.A1}: TagItemPtr ): MenuPtr ; CODE -48;

PROCEDURE  DrawBevelBoxA (
  rport{R.A0}: RastPortPtr ;
  left{R.D0}:INTEGER;
  top{R.D1}:INTEGER;
  width{R.D2}:INTEGER;
  height{R.D3}:INTEGER;
  taglist{R.A1}: TagItemPtr ); CODE -120;

PROCEDURE  FreeGadgets (gad{R.A0}: GadgetPtr ); CODE -36;

PROCEDURE  FreeMenus (menu{R.A0}: MenuPtr ); CODE -54;

PROCEDURE  FreeVisualInfo (vi{R.A0}:ADDRESS); CODE -132;

PROCEDURE  GetVisualInfoA (
  screen{R.A0}: ScreenPtr ;
  taglist{R.A1}: TagItemPtr ):ADDRESS; CODE -126;

PROCEDURE  GTBeginRefresh(win{R.A0}: WindowPtr ); CODE -90;

PROCEDURE  GTEndRefresh(
  win{R.A0}: WindowPtr ;
  complete{R.D0}:BOOLEAN); CODE -96;

PROCEDURE  GTFilterIMsg(
  imsg{R.A1}: IntuiMessagePtr ): IntuiMessagePtr ; CODE -102;

PROCEDURE  GTGetIMsg(iport{R.A0}: MsgPortPtr ): IntuiMessagePtr ; CODE -72;

PROCEDURE  GTPostFilterIMsg(
  imsg{R.A1}: IntuiMessagePtr ): IntuiMessagePtr ; CODE -108;

PROCEDURE  GTRefreshWindow(
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```
        win{R.A0}: WindowPtr ;
        req{R.A1}: RequesterPtr ); CODE -84;

PROCEDURE GTReplyIMsg(ims{R.A1}: IntuiMessagePtr ); CODE -78;

PROCEDURE GTSetGadgetAttrsA (
    gad{R.A0}: GadgetPtr ;
    win{R.A1}: WindowPtr ;
    req{R.A2}: RequesterPtr ;
    taglist{R.A3}: TagItemPtr ); CODE -42;

PROCEDURE LayoutMenuItemsA (
    firstitem{R.A0}: MenuItemPtr ;
    vi{R.A1}:ADDRESS;
    taglist{R.A2}: TagItemPtr ):BOOLEAN; CODE -60;

PROCEDURE LayoutMenusA (
    firstmenu{R.A0}: MenuPtr ;
    vi{R.A1}:ADDRESS;
    taglist{R.A2}: TagItemPtr ):BOOLEAN; CODE -66;

END GadToolsL.lib36
```

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