

**OptGadToolsL**

COLLABORATORS
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	TITLE : OptGadToolsL		
ACTION	NAME	DATE	SIGNATURE
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REVISION HISTORY
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NUMBER	DATE	DESCRIPTION	NAME

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## Chapter 1

# OptGadToolsL

### 1.1 OptGadToolsL

#### 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/OptGadToolsL.def

```
DEFINITION MODULE OptGadToolsL{"gadtools.library",-36};

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 ;

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

PROCEDURE GTReplyIMsg(imsg{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 OptGadToolsL.lib-36
```

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