

**autodoc**

**COLLABORATORS**

	<i>TITLE :</i> autodoc		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
WRITTEN BY		December 18, 2022	

**REVISION HISTORY**

NUMBER	DATE	DESCRIPTION	NAME

# Contents

<b>1</b>	<b>autodoc</b>	<b>1</b>
1.1	Autodoc	1
1.2	ActivateGadget()	5
1.3	ActivateWindow()	5
1.4	AddClass()	6
1.5	AddGadget()	6
1.6	AddGList()	6
1.7	AllocRemember()	6
1.8	AllocScreenBuffer()	6
1.9	AutoRequest()	7
1.10	BeginRefresh()	7
1.11	BuildEasyRequestArgs()	7
1.12	BuildSysRequest()	7
1.13	ChangeScreenBuffer()	7
1.14	ChangeWindowBox()	8
1.15	ClearDMRequest()	8
1.16	ClearMenuStrip()	8
1.17	ClearPointer()	8
1.18	CloseScreen()	8
1.19	CloseWindow()	8
1.20	CloseWorkBench()	9
1.21	CurrentTime()	9
1.22	DisplayAlert()	9
1.23	DisplayBeep()	9
1.24	DisposeObject()	9
1.25	DoGadgetMethodA()	10
1.26	DoubleClick()	10
1.27	DrawBorder()	10
1.28	DrawImage()	10
1.29	DrawImageState()	10

---

---

1.30	EasyRequestArgs()	11
1.31	EndRefresh()	11
1.32	EndRequest()	11
1.33	EraseImage()	11
1.34	FreeClass()	11
1.35	FreeRemember()	11
1.36	FreeScreenBuffer()	12
1.37	FreeScreenDrawInfo()	12
1.38	FreeSysRequest()	12
1.39	GadgetMouse()	12
1.40	GetAttr()	12
1.41	GetDefaultPubScreen()	13
1.42	GetDefPrefs()	13
1.43	GetPrefs()	13
1.44	GetScreenData()	13
1.45	GetScreenDrawInfo()	13
1.46	HelpControl()	13
1.47	InitRequester()	14
1.48	IntuiTextLength()	14
1.49	ItemAddress()	14
1.50	LendMenus()	14
1.51	LockIBase()	14
1.52	LockPubScreen()	15
1.53	LockPubScreenList()	15
1.54	MakeClass()	15
1.55	MakeScreen()	15
1.56	ModifyIDCMP()	15
1.57	ModifyProp()	16
1.58	MoveScreen()	16
1.59	MoveWindow()	16
1.60	MoveWindowInFrontOf()	16
1.61	NewModifyProp()	16
1.62	NewObjectA()	17
1.63	NextObject()	17
1.64	NextPubScreen()	17
1.65	ObtainGIRPort()	17
1.66	OffGadget()	17
1.67	OffMenu()	17
1.68	OnGadget()	18

---

---

1.69	OnMenu()	18
1.70	OpenScreen()	18
1.71	OpenScreenTagList()	18
1.72	OpenWindow()	18
1.73	OpenWindowTagList()	19
1.74	OpenWorkBench()	19
1.75	PointInImage()	19
1.76	PrintText()	19
1.77	PubScreenStatus()	19
1.78	QueryOverscan()	19
1.79	RefreshGadgets()	20
1.80	RefreshGList()	20
1.81	RefreshWindowFrame()	20
1.82	ReleaseGIRPort()	20
1.83	RemakeDisplay()	20
1.84	RemoveClass()	21
1.85	RemoveGadget()	21
1.86	RemoveGList()	21
1.87	ReportMouse()	21
1.88	Request()	21
1.89	ResetMenuStrip()	21
1.90	RethinkDisplay()	22
1.91	ScreenDepth()	22
1.92	ScreenPosition()	22
1.93	ScreenToBack()	22
1.94	ScreenToFront()	22
1.95	ScrollWindowRaster()	23
1.96	SetAttrsA()	23
1.97	SetDefaultPubScreen()	23
1.98	SetDMRequest()	23
1.99	SetEditHook()	23
1.100	SetGadgetAttrsA()	23
1.101	SetMenuStrip()	24
1.102	SetMouseQueue()	24
1.103	SetPointer()	24
1.104	SetPrefs()	24
1.105	SetPubScreenModes()	24
1.106	SetWindowPointerA()	25
1.107	SetWindowTitles()	25

---

---

1.108 ShowTitle() . . . . .	25
1.109 SizeWindow() . . . . .	25
1.110 SysReqHandler() . . . . .	25
1.111 TimedDisplayAlert() . . . . .	25
1.112 UnlockIBase() . . . . .	26
1.113 UnlockPubScreen() . . . . .	26
1.114 UnlockPubScreenList() . . . . .	26
1.115 ViewAddress() . . . . .	26
1.116 ViewPortAddress() . . . . .	26
1.117 WBenchToBack() . . . . .	27
1.118 WBenchToFront() . . . . .	27
1.119 WindowLimits() . . . . .	27
1.120 WindowToBack() . . . . .	27
1.121 WindowToFront() . . . . .	27
1.122 ZipWindow() . . . . .	28

---

# Chapter 1

## autodoc

### 1.1 Autodoc

```
( ``. _ . ' Help Guide ' . _ . ' )
```

```
intuition.library quick autodocs  
Adjusted for use with Smgmw  
Converted using QACD  
121 functions  
Content:
```

```
ActivateGadget ()
```

```
ActivateWindow ()
```

```
AddClass ()
```

```
AddGadget ()
```

```
AddGLList ()
```

```
AllocRemember ()
```

```
AllocScreenBuffer ()
```

```
AutoRequest ()
```

```
BeginRefresh ()
```

```
BuildEasyRequestArgs ()
```

```
BuildSysRequest ()
```

```
ChangeScreenBuffer ()
```

```
ChangeWindowBox ()
```

```
ClearDMRequest ()
```

```
ClearMenuStrip ()
```

---

ClearPointer ()  
CloseScreen ()  
CloseWindow ()  
CloseWorkBench ()  
CurrentTime ()  
DisplayAlert ()  
DisplayBeep ()  
DisposeObject ()  
DoGadgetMethodA ()  
DoubleClick ()  
DrawBorder ()  
DrawImage ()  
DrawImageState ()  
EasyRequestArgs ()  
EndRefresh ()  
EndRequest ()  
EraseImage ()  
FreeClass ()  
FreeRemember ()  
FreeScreenBuffer ()  
FreeScreenDrawInfo ()  
FreeSysRequest ()  
GadgetMouse ()  
GetAttr ()  
GetDefaultPubScreen ()  
GetDefPrefs ()  
GetPrefs ()  
GetScreenData ()

---



---

GetScreenDrawInfo ()  
HelpControl ()  
InitRequester ()  
IntuiTextLength ()  
ItemAddress ()  
LendMenus ()  
LockIBase ()  
LockPubScreen ()  
LockPubScreenList ()  
MakeClass ()  
MakeScreen ()  
ModifyIDCMP ()  
ModifyProp ()  
MoveScreen ()  
MoveWindow ()  
MoveWindowInFrontOf ()  
NewModifyProp ()  
NewObjectA ()  
NextObject ()  
NextPubScreen ()  
ObtainGIRPort ()  
OffGadget ()  
OffMenu ()  
OnGadget ()  
OnMenu ()  
OpenScreen ()  
OpenScreenTagList ()  
OpenWindow ()  
OpenWindowTagList ()

---

---

OpenWorkBench ()  
PointInImage ()  
PrintIText ()  
PubScreenStatus ()  
QueryOverscan ()  
RefreshGadgets ()  
RefreshGLList ()  
RefreshWindowFrame ()  
ReleaseGIRPort ()  
RemakeDisplay ()  
RemoveClass ()  
RemoveGadget ()  
RemoveGLList ()  
ReportMouse ()  
Request ()  
ResetMenuStrip ()  
RethinkDisplay ()  
ScreenDepth ()  
ScreenPosition ()  
ScreenToBack ()  
ScreenToFront ()  
ScrollWindowRaster ()  
SetAttrsA ()  
SetDefaultPubScreen ()  
SetDMRequest ()  
SetEditHook ()  
SetGadgetAttrsA ()  
SetMenuStrip ()

---

---

```
SetMouseQueue ()
SetPointer ()
SetPrefs ()
SetPubScreenModes ()
SetWindowPointerA ()
SetWindowTitles ()
ShowTitle ()
SizeWindow ()
SysReqHandler ()
TimedDisplayAlert ()
UnlockIBase ()
UnlockPubScreen ()
UnlockPubScreenList ()
ViewAddress ()
ViewPortAddress ()
WBenchToBack ()
WBenchToFront ()
WindowLimits ()
WindowToBack ()
WindowToFront ()
ZipWindow ()
```

## 1.2 ActivateGadget()

```
NAME      : ActivateGadget
FUNCTION  : Activate a (string or custom) gadget
SYNOPSIS  : Success=ActivateGadget (Gadget, Window, Request)
           D0      -462      A0      A1      A2
```

## 1.3 ActivateWindow()

---

NAME : ActivateWindow  
FUNCTION : Activate an Intuition window  
SYNOPSIS : ActivateWindow(Window)  
          -450           A0

## 1.4 AddClass()

NAME : AddClass  
FUNCTION : Make a public class available  
SYNOPSIS : AddClass(Class)  
          -684       A0

## 1.5 AddGadget()

NAME : AddGadget  
FUNCTION : Add a gadget to the gadget list of a window  
SYNOPSIS : RealPosition=AddGadget(Window,Gadget,Position)  
          D0               -42       A0       A1       D0

## 1.6 AddGList()

NAME : AddGList  
FUNCTION : Add a linked list of gadgets to a window or requester  
SYNOPSIS : RealPosition=AddGList(Window,Gadget,Position,Numgad,Requester)  
          D0               -438       A0       A1       D0       D1       A2

## 1.7 AllocRemember()

NAME : AllocRemember  
FUNCTION : AllocMem() with tracking to make freeing easy  
SYNOPSIS : MemBlock=AllocRemember(RememberKey,Size,Flags)  
          D0               -396           A0       D0       D1

## 1.8 AllocScreenBuffer()

NAME : AllocScreenBuffer  
FUNCTION : Get a ScreenBuffer for double-buffering  
SYNOPSIS : sbuffer=AllocScreenBuffer(Screen,BitMap,flags)  
          D0               -768           A0       A1       D0

---

## 1.9 AutoRequest()

NAME : AutoRequest  
FUNCTION : Automatically build and get response from a requester  
SYNOPSIS : Response=AutoRequest (Window,BodyText,PosText,NegText,PosFlags,  
D0 -348 A0 A1 A2 A3 D0  
NegFlags,Width,Height)  
D1 D2 D3

## 1.10 BeginRefresh()

NAME : BeginRefresh  
FUNCTION : Sets up a window for optimized refreshing  
SYNOPSIS : BeginRefresh(Window)  
-354 A0

## 1.11 BuildEasyRequestArgs()

NAME : BuildEasyRequestArgs  
FUNCTION : Simple creation of system request  
SYNOPSIS : ReqWindow=BuildEasyRequestArgs (RefWindow,easyStruct, IDCMP,Args)  
D0 -594 A0 A1 D0 A3

## 1.12 BuildSysRequest()

NAME : BuildSysRequest  
FUNCTION : Build and display a system requester  
SYNOPSIS : ReqWindow=BuildSysRequest (Window,BodyText,PosText,NegText,  
D0 -360 A0 A1 A2 A3  
IDCMPFlags,Width,Height)  
D0 D1 D2

## 1.13 ChangeScreenBuffer()

NAME : ChangeScreenBuffer  
FUNCTION : Swap the screen's BitMap  
SYNOPSIS : success=ChangeScreenBuffer (Screen,ScreenBuffer)  
D0 -780 A0 A1

## 1.14 ChangeWindowBox()

NAME : ChangeWindowBox  
FUNCTION : Change window position and dimensions  
SYNOPSIS : ChangeWindowBox(Window,Left,Top,Width,Height)  
          -486          A0   D0   D1   D2   D3

## 1.15 ClearDMRequest()

NAME : ClearDMRequest  
FUNCTION : Clear (detaches) the DMRequest of the window  
SYNOPSIS : Response=ClearDMRequest(Window)  
          D0          -48          A0

## 1.16 ClearMenuStrip()

NAME : ClearMenuStrip  
FUNCTION : Clear (detach) the menu strip from the window  
SYNOPSIS : ClearMenuStrip(Window)  
          -54          A0

## 1.17 ClearPointer()

NAME : ClearPointer  
FUNCTION : Clear the mouse pointer definition from a window  
SYNOPSIS : ClearPointer(Window)  
          -60          A0

## 1.18 CloseScreen()

NAME : CloseScreen  
FUNCTION : Close an Intuition screen  
SYNOPSIS : Success=CloseScreen(Screen)  
          D0          -66          A0

## 1.19 CloseWindow()

NAME : CloseWindow  
FUNCTION : Close an Intuition window  
SYNOPSIS : CloseWindow(Window)  
          -72           A0

## 1.20 CloseWorkBench()

NAME : CloseWorkBench  
FUNCTION : Closes the Workbench screen  
SYNOPSIS : Success=CloseWorkBench()  
          D0           -78

## 1.21 CurrentTime()

NAME : CurrentTime  
FUNCTION : Get the current time values  
SYNOPSIS : CurrentTime(Seconds, Micros)  
          -84           A0           A1

## 1.22 DisplayAlert()

NAME : DisplayAlert  
FUNCTION : Create the display of an alert message  
SYNOPSIS : Response=DisplayAlert(AlertNumber, String, Height)  
          D0           -90           D0           A0           D1

## 1.23 DisplayBeep()

NAME : DisplayBeep  
FUNCTION : Flash the video display  
SYNOPSIS : DisplayBeep(Screen)  
          -96           A0

## 1.24 DisposeObject()

NAME : DisposeObject  
FUNCTION : Deletes a 'boopsi' object  
SYNOPSIS : DisposeObject(Object)  
          -642           A0

---

## 1.25 DoGadgetMethodA()

NAME : DoGadgetMethodA  
FUNCTION : Invoke method on a boopsi gadget  
SYNOPSIS : result=DoGadgetMethodA(Gadget,Window,Requester,Message)  
D0 -810 A0 A1 A2 A3

## 1.26 DoubleClick()

NAME : DoubleClick  
FUNCTION : Test two time values for double-click timing  
SYNOPSIS : IsDouble=DoubleClick(StartSecs,StartMicros,CurrentSecs,  
D0 -102 D0 D1 D2  
CurrentMicros)  
D3

## 1.27 DrawBorder()

NAME : DrawBorder  
FUNCTION : Draw the specified Border structure into a RastPort  
SYNOPSIS : DrawBorder(RastPort,Border,LeftOffset,TopOffset)  
-108 A0 A1 D0 D1

## 1.28 DrawImage()

NAME : DrawImage  
FUNCTION : Draw the specified Image structure into a RastPort  
SYNOPSIS : DrawImage(RastPort,Image,LeftOffset,TopOffset)  
-114 A0 A1 D0 D1

## 1.29 DrawImageState()

NAME : DrawImageState  
FUNCTION : Draw an (extended) Intuition Image with special visual state  
SYNOPSIS : DrawImageState(RPort,Image,LeftOffset,TopOffset,State,DrawInfo)  
-618 A0 A1 D0 D1 D2 A2



### 1.30 EasyRequestArgs()

NAME : EasyRequestArgs  
FUNCTION : Easy alternative to AutoRequest()  
SYNOPSIS : num=EasyRequestArgs(Window, easyStruct, IDCMP\_ptr, ArgList)  
          D0           -588           A0           A1           A2           A3

### 1.31 EndRefresh()

NAME : EndRefresh  
FUNCTION : End the optimized refresh state of the window  
SYNOPSIS : EndRefresh(Window, Complete)  
          -366           A0           D0

### 1.32 EndRequest()

NAME : EndRequest  
FUNCTION : Remove a currently active requester  
SYNOPSIS : EndRequest(Requester, Window)  
          -120           A0           A1

### 1.33 EraseImage()

NAME : EraseImage  
FUNCTION : Erases an Image  
SYNOPSIS : EraseImage(RPort, Image, LeftOffset, TopOffset)  
          -630           A0           A1           D0           D1

### 1.34 FreeClass()

NAME : FreeClass  
FUNCTION : Frees a boopsi class created by MakeClass()  
SYNOPSIS : success=FreeClass(ClassPtr)  
          D0           -714           A0

### 1.35 FreeRemember()

NAME : FreeRemember  
FUNCTION : Free memory allocated by calls to AllocRemember()  
SYNOPSIS : FreeRemember(RememberKey,ReallyForget)  
          -408          A0          D0

### 1.36 FreeScreenBuffer()

NAME : FreeScreenBuffer  
FUNCTION : Free a ScreenBuffer structure  
SYNOPSIS : FreeScreenBuffer(Screen,ScreenBuffer)  
          -774          A0          A1

### 1.37 FreeScreenDrawInfo()

NAME : FreeScreenDrawInfo  
FUNCTION : Finish using a DrawInfo structure  
SYNOPSIS : FreeScreenDrawInfo(Screen,DrInfo)  
          -696          A0          A1

### 1.38 FreeSysRequest()

NAME : FreeSysRequest  
FUNCTION : Free resources gotten by a call to BuildSysRequest()  
SYNOPSIS : FreeSysRequest(Window)  
          -372          A0

### 1.39 GadgetMouse()

NAME : GadgetMouse  
FUNCTION : Calculate gadget-relative mouse position  
SYNOPSIS : GadgetMouse(Gadget,GInfo,MousePoint)  
          -570          A0          A1          A2

### 1.40 GetAttr()

NAME : GetAttr  
FUNCTION : Inquire the value of some attribute of an object  
SYNOPSIS : attr=GetAttr(AttrID,Object,StoragePtr)  
          D0          -654          D0          A0          A1

---

## 1.41 GetDefaultPubScreen()

NAME : GetDefaultPubScreen  
FUNCTION : Get name of default public screen  
SYNOPSIS : GetDefaultPubScreen(Namebuff)  
                  -582                  A0

## 1.42 GetDefPrefs()

NAME : GetDefPrefs  
FUNCTION : Get a copy of the the Intuition default Preferences  
SYNOPSIS : Prefs=GetDefPrefs(PrefBuffer,Size)  
                  D0          -126          A0          D0

## 1.43 GetPrefs()

NAME : GetPrefs  
FUNCTION : Get the current Intuition Preferences structure  
SYNOPSIS : Prefs=GetPrefs(PrefBuffer,Size)  
                  D0          -132          A0          D0

## 1.44 GetScreenData()

NAME : GetScreenData  
FUNCTION : Get copy of a screen data structure  
SYNOPSIS : Success=GetScreenData(Buffer,Size,Type,Screen)  
                  D0          -426          A0          D0          D1          A1

## 1.45 GetScreenDrawInfo()

NAME : GetScreenDrawInfo  
FUNCTION : Get pointer to rendering information  
SYNOPSIS : DrInfo=GetScreenDrawInfo(Screen)  
                  D0          -690          A0

## 1.46 HelpControl()

NAME : HelpControl  
FUNCTION : Enable/disable Gadget-Help feature  
SYNOPSIS : HelpControl(window, flags)  
          -828       A0     D0

### 1.47 InitRequester()

NAME : InitRequester  
FUNCTION : Initialize a Requester structure  
SYNOPSIS : InitRequester(Requester)  
          -138       A0

### 1.48 IntuiTextLength()

NAME : IntuiTextLength  
FUNCTION : Return the length (pixel-width) of an IntuiText  
SYNOPSIS : Length=IntuiTextLength(IText)  
          D0       -330     A0

### 1.49 ItemAddress()

NAME : ItemAddress  
FUNCTION : Returns the address of the specified MenuItem  
SYNOPSIS : Item=ItemAddress(MenuStrip, MenuNumber)  
          D0       -144     A0     D0

### 1.50 LendMenus()

NAME : LendMenus  
FUNCTION : Lend window's menu action to another window  
SYNOPSIS : LendMenus(fromWindow, toWindow)  
          -804       A0     A1

### 1.51 LockIBase()

NAME : LockIBase  
FUNCTION : Invoke semaphore arbitration of IntuitionBase  
SYNOPSIS : Lock=LockIBase(LockNumber)  
          D0       -414     D0

---

## 1.52 LockPubScreen()

NAME : LockPubScreen  
FUNCTION : Prevent a public screen from closing  
SYNOPSIS : screen=LockPubScreen(Name)  
D0 -510 A0

## 1.53 LockPubScreenList()

NAME : LockPubScreenList  
FUNCTION : Prevent changes to the system list  
SYNOPSIS : List=LockPubScreenList()  
D0 -522

## 1.54 MakeClass()

NAME : MakeClass  
FUNCTION : Create and initialize a boopsi class  
SYNOPSIS : iclass=MakeClass(ClassID, SuperClassID, SuperClassPtr,  
D0 -678 A0 A1 A2  
InstanceSize, Flags)  
D0 D1

## 1.55 MakeScreen()

NAME : MakeScreen  
FUNCTION : Do an Intuition-integrated MakeVPort() of a screen  
SYNOPSIS : failure=MakeScreen(Screen)  
D0 -378 A0

## 1.56 ModifyIDCMP()

NAME : ModifyIDCMP  
FUNCTION : Modify the state of a window's IDCMPFlags  
SYNOPSIS : Success=ModifyIDCMP(Window, IDCMPFlags)  
D0 -150 A0 D0

## 1.57 ModifyProp()

NAME : ModifyProp  
 FUNCTION : Modify the current parameters of a proportional gadget  
 SYNOPSIS : ModifyProp(Gadget, Window, Requester, Flags, HorizPot, VertPot,  
                   -156          A0      A1      A2      D0      D1      D2  
                           HorizBody, VertBody)  
                           D3          D4

## 1.58 MoveScreen()

NAME : MoveScreen  
 FUNCTION : Attempt to move the screen by the increments provided  
 SYNOPSIS : MoveScreen(Screen, DeltaX, DeltaY)  
                   -162          A0      D0      D1

## 1.59 MoveWindow()

NAME : MoveWindow  
 FUNCTION : Ask Intuition to move a window  
 SYNOPSIS : MoveWindow(Window, DeltaX, DeltaY)  
                   -168          A0      D0      D1

## 1.60 MoveWindowInFrontOf()

NAME : MoveWindowInFrontOf  
 FUNCTION : Arrange the relative depth of a window  
 SYNOPSIS : MoveWindowInFrontOf(Window, BehindWindow)  
                   -480                  A0          A1

## 1.61 NewModifyProp()

NAME : NewModifyProp  
 FUNCTION : ModifyProp(), but with selective refresh  
 SYNOPSIS : NewModifyProp(Gadget, Window, Requester, Flags, HorizPot, VertPot,  
                   -468          A0      A1      A2      D0      D1      D2  
                           HorizBody, VertBody, NumGad)  
                           D3          D4          D5

## 1.62 NewObjectA()

NAME : NewObjectA  
FUNCTION : Create an object from a class  
SYNOPSIS : object=NewObjectA(class, classID, tagList)  
D0 -636 A0 A1 A2

## 1.63 NextObject()

NAME : NextObject  
FUNCTION : iterate through the object on an Exec list  
SYNOPSIS : object=NextObject(objectPtrPtr)  
D0 -666 A0

## 1.64 NextPubScreen()

NAME : NextPubScreen  
FUNCTION : Identify next public screen in the cycle  
SYNOPSIS : Buff=NextPubScreen(Screen, NameBuff)  
D0 -534 A0 A1

## 1.65 ObtainGIRPort()

NAME : ObtainGIRPort  
FUNCTION : Set up a RastPort for a custom gadget  
SYNOPSIS : RPort=ObtainGIRPort(GInfo)  
D0 -558 A0

## 1.66 OffGadget()

NAME : OffGadget  
FUNCTION : Disable the specified gadget  
SYNOPSIS : OffGadget(Gadget, Window, Requester)  
-174 A0 A1 A2

## 1.67 OffMenu()

NAME : OffMenu  
FUNCTION : Disable the given menu or menu item  
SYNOPSIS : OffMenu(Window,MenuNumber)  
          -180     A0         D0

## 1.68 OnGadget()

NAME : OnGadget  
FUNCTION : Enable the specified gadget  
SYNOPSIS : OnGadget(Gadget,Window,Requester)  
          -186     A0     A1     A2

## 1.69 OnMenu()

NAME : OnMenu  
FUNCTION : Enable the given menu or menu item  
SYNOPSIS : OnMenu(Window,MenuNumber)  
          -192     A0         D0

## 1.70 OpenScreen()

NAME : OpenScreen  
FUNCTION : Open an Intuition screen  
SYNOPSIS : Screen=OpenScreen(NewScreen)  
          D0         -198     A0

## 1.71 OpenScreenTagList()

NAME : OpenScreenTagList  
FUNCTION : OpenScreen() with TagItem extension array  
SYNOPSIS : Screen=OpenScreenTagList(NewScreen,TagItems)  
          D0         -612             A0     A1

## 1.72 OpenWindow()

NAME : OpenWindow  
FUNCTION : Open an Intuition window  
SYNOPSIS : Window=OpenWindow(NewWindow)  
          D0         -204     A0

---



### 1.73 OpenWindowTagList()

NAME : OpenWindowTagList  
FUNCTION : OpenWindow() with TagItem extension  
SYNOPSIS : Window=OpenWindowTagList(NewWindow,TagItems)  
D0 -606 A0 A1

### 1.74 OpenWorkBench()

NAME : OpenWorkBench  
FUNCTION : Open the Workbench screen  
SYNOPSIS : WBScreen=OpenWorkBench()  
D0 -210

### 1.75 PointInImage()

NAME : PointInImage  
FUNCTION : Tests whether an image 'contains' a point  
SYNOPSIS : DoesContain=PointInImage(Point,Image)  
D0 -624 D0 A0

### 1.76 PrintIText()

NAME : PrintIText  
FUNCTION : Print text described by the IntuiText argument  
SYNOPSIS : PrintIText(RastPort,IText,LeftOffset,TopOffset)  
-216 A0 A1 D0 D1

### 1.77 PubScreenStatus()

NAME : PubScreenStatus  
FUNCTION : Change status flags for a public screen  
SYNOPSIS : ResultFlags=PubScreenStatus(Screen,StatusFlags)  
D0 -552 A0 D0

### 1.78 QueryOverscan()

NAME : QueryOverscan  
FUNCTION : Inquire about a standard overscan region  
SYNOPSIS : success=QueryOverscan(DisplayID,Rect,OScanType)  
          D0          -474          A0          A1          D0

## 1.79 RefreshGadgets()

NAME : RefreshGadgets  
FUNCTION : Refresh (redraw) the gadget display  
SYNOPSIS : RefreshGadgets(Gadgets,Window,Requester)  
          -222          A0          A1          A2

## 1.80 RefreshGList()

NAME : RefreshGList  
FUNCTION : Refresh (redraw) a chosen number of gadgets  
SYNOPSIS : RefreshGList(Gadgets,Window,Requester,NumGad)  
          -432          A0          A1          A2          D0

## 1.81 RefreshWindowFrame()

NAME : RefreshWindowFrame  
FUNCTION : Ask Intuition to redraw your window border  
SYNOPSIS : RefreshWindowFrame(Window)  
          -456          A0

## 1.82 ReleaseGIRPort()

NAME : ReleaseGIRPort  
FUNCTION : Release a custom gadget RastPort  
SYNOPSIS : ReleaseGIRPort(RPort)  
          -564          A0

## 1.83 RemakeDisplay()

NAME : RemakeDisplay  
FUNCTION : Remake the entire Intuition display  
SYNOPSIS : failure=RemakeDisplay()  
          D0          -384

---

## 1.84 RemoveClass()

NAME : RemoveClass  
FUNCTION : Make a public boopsi class unavailable  
SYNOPSIS : RemoveClass(classPtr)  
          -708           A0

## 1.85 RemoveGadget()

NAME : RemoveGadget  
FUNCTION : Remove a gadget from a window  
SYNOPSIS : Position=RemoveGadget(Window,Gadget)  
          D0           -228           A0           A1

## 1.86 RemoveGList()

NAME : RemoveGList  
FUNCTION : Remove a sublist of gadgets from a window  
SYNOPSIS : Position=RemoveGList(Window,Gadget,Numgad)  
          D0           -444           A0           A1           D0

## 1.87 ReportMouse()

NAME : ReportMouse  
FUNCTION : Tell Intuition whether to report mouse movement  
SYNOPSIS : ReportMouse(Boolean,Window)  
          -234           D0           A0

## 1.88 Request()

NAME : Request  
FUNCTION : Activate a requester  
SYNOPSIS : Success=Request(Requester,Window)  
          D0           -240           A0           A1

## 1.89 ResetMenuStrip()

NAME : ResetMenuStrip  
FUNCTION : Re-attach a menu strip to a window  
SYNOPSIS : Success=ResetMenuStrip(Window,Menu)  
          D0          -702          A0    A1

## 1.90 RethinkDisplay()

NAME : RethinkDisplay  
FUNCTION : Grand manipulation of the entire Intuition display  
SYNOPSIS : failure=RethinkDisplay()  
          D0          -390

## 1.91 ScreenDepth()

NAME : ScreenDepth  
FUNCTION : Depth arrange a screen with extra control  
SYNOPSIS : ScreenDepth(screen,flags,reserved)  
          -786          A0    D0    A1

## 1.92 ScreenPosition()

NAME : ScreenPosition  
FUNCTION : Move screens with greater control  
SYNOPSIS : ScreenPosition(Screen,flags,x1,y1,x2,y2)  
          -792          A0    D0    D1  D2  D3  D4

## 1.93 ScreenToBack()

NAME : ScreenToBack  
FUNCTION : Send the specified screen to the back of the display  
SYNOPSIS : ScreenToBack(Screen)  
          -246          A0

## 1.94 ScreenToFront()

NAME : ScreenToFront  
FUNCTION : Make the specified screen the frontmost  
SYNOPSIS : ScreenToFront(Screen)  
          -252          A0

---

## 1.95 ScrollWindowRaster()

NAME : ScrollWindowRaster  
FUNCTION : Intuition-friendly ScrollRasterBF()  
SYNOPSIS : ScrollWindowRaster(win, dx, dy, xmin, ymin, xmax, ymax)  
                  -798          A1  D0 D1  D2  D3  D4  D5

## 1.96 SetAttrsA()

NAME : SetAttrsA  
FUNCTION : Specify attribute values for an object  
SYNOPSIS : result=SetAttrsA(Object, TagList)  
                  D0          -648          A0          A1

## 1.97 SetDefaultPubScreen()

NAME : SetDefaultPubScreen  
FUNCTION : Choose a new default public screen  
SYNOPSIS : SetDefaultPubScreen(Name)  
                  -540          A0

## 1.98 SetDMRequest()

NAME : SetDMRequest  
FUNCTION : Set the DMRequest of a window  
SYNOPSIS : success=SetDMRequest(Window, DMRequest)  
                  D0          -258          A0          A1

## 1.99 SetEditHook()

NAME : SetEditHook  
FUNCTION : Set global processing for string gadgets  
SYNOPSIS : OldHook=SetEditHook(Hook)  
                  D0          -492          A0

## 1.100 SetGadgetAttrsA()

NAME : SetGadgetAttrsA  
FUNCTION : Specify attribute values for a boopsi gadget  
SYNOPSIS : result=SetGadgetAttrsA(Gadget,Window,Requester,TagList)  
          D0                  -660          A0      A1      A2      A3

### 1.101 SetMenuStrip()

NAME : SetMenuStrip  
FUNCTION : Attach a menu strip to a window  
SYNOPSIS : Success=SetMenuStrip(Window,Menu)  
          D0                  -264          A0      A1

### 1.102 SetMouseQueue()

NAME : SetMouseQueue  
FUNCTION : Change limit on pending mouse messages  
SYNOPSIS : oldQueueLength=SetMouseQueue(Window,QueueLength)  
          D0                  -498          A0      D0

### 1.103 SetPointer()

NAME : SetPointer  
FUNCTION : Specify a pointer sprite image for a window  
SYNOPSIS : SetPointer(Window,Pointer,Height,Width,XOffset,YOffset)  
          -270          A0      A1      D0      D1      D2      D3

### 1.104 SetPrefs()

NAME : SetPrefs  
FUNCTION : Set Intuition preferences data  
SYNOPSIS : Prefs=SetPrefs(PrefBuffer,Size,Inform)  
          D0          -324          A0      D0      D1

### 1.105 SetPubScreenModes()

NAME : SetPubScreenModes  
FUNCTION : Establish global public screen behavior  
SYNOPSIS : OldModes=SetPubScreenModes(Modes)  
          D0                  -546          D0

---

## 1.106 SetWindowPointerA()

NAME : SetWindowPointerA  
FUNCTION : Select a pointer for your window  
SYNOPSIS : SetWindowPointerA(window,taglist)  
                  -816          A0      A1

## 1.107 SetWindowTitles()

NAME : SetWindowTitles  
FUNCTION : Set the window's titles for both window and screen  
SYNOPSIS : SetWindowTitles(Window,WindowTitle,ScreenTitle)  
                  -276          A0      A1          A2

## 1.108 ShowTitle()

NAME : ShowTitle  
FUNCTION : Set the screen title bar display mode  
SYNOPSIS : ShowTitle(Screen,ShowIt)  
                  -282      A0      D0

## 1.109 SizeWindow()

NAME : SizeWindow  
FUNCTION : Ask Intuition to size a window  
SYNOPSIS : SizeWindow(Window,DeltaX,DeltaY)  
                  -288      A0      D0      D1

## 1.110 SysReqHandler()

NAME : SysReqHandler  
FUNCTION : Handle system requester input  
SYNOPSIS : num=SysReqHandler(Window,IDCMPFlagsPtr,WaitInput)  
                  D0      -600      A0      A1          D0

## 1.111 TimedDisplayAlert()

NAME : TimedDisplayAlert  
FUNCTION : Display an alert with automatic time-out  
SYNOPSIS : Response=TimedDisplayAlert (AlertNumber,String,Height,Time)  
D0 -822 D0 A0 D1 A1

### 1.112 UnlockIBase()

NAME : UnlockIBase  
FUNCTION : Surrender an Intuition lock gotten by LockIBase()  
SYNOPSIS : UnlockIBase(Lock)  
-420 A0

### 1.113 UnlockPubScreen()

NAME : UnlockPubScreen  
FUNCTION : Release lock on a public screen  
SYNOPSIS : UnlockPubScreen (Name, Screen)  
-516 A0 A1

### 1.114 UnlockPubScreenList()

NAME : UnlockPubScreenList  
FUNCTION : Release public screen list semaphore  
SYNOPSIS : UnlockPubScreenList ()  
-528

### 1.115 ViewAddress()

NAME : ViewAddress  
FUNCTION : Return the address of the Intuition View structure  
SYNOPSIS : view=ViewAddress ()  
D0 -294

### 1.116 ViewPortAddress()

NAME : ViewPortAddress  
FUNCTION : Return the address of a window's viewport  
SYNOPSIS : ViewPort=ViewPortAddress (Window)  
D0 -300 A0

---



### 1.117 WBenchToBack()

NAME : WBenchToBack  
FUNCTION : Send the Workbench screen in back of all screens  
SYNOPSIS : Success=WBenchToBack()  
D0 -306

### 1.118 WBenchToFront()

NAME : WBenchToFront  
FUNCTION : Bring the Workbench screen in front of all screens  
SYNOPSIS : Success=WBenchToFront()  
D0 -342

### 1.119 WindowLimits()

NAME : WindowLimits  
FUNCTION : Set the minimum and maximum limits of a window  
SYNOPSIS : Success=WindowLimits(Window,MinWidth,MinHeight,  
D0 -318 A0 D0 D1  
MaxWidth,MaxHeight)  
D2 D3

### 1.120 WindowToBack()

NAME : WindowToBack  
FUNCTION : Ask Intuition to send a window behind others  
SYNOPSIS : WindowToBack(Window)  
-336 A0

### 1.121 WindowToFront()

NAME : WindowToFront  
FUNCTION : Ask Intuition to bring a window to the front  
SYNOPSIS : WindowToFront(Window)  
-312 A0

---

## 1.122 ZipWindow()

NAME : ZipWindow  
FUNCTION : Change window to 'alternate' position and dimensions  
SYNOPSIS : ZipWindow(Window)  
          -504       A0