



This is part of **Win16 API** which allow to create versions of program from one source code to run under OS/2 and Win16. Under OS/2 program can be running under Win-OS/2 if program is Windows NE executable, and with help on Windows Libraries for OS/2, if it is OS/2 NE executable. [Here](#) is a WLO to OS/2 API mapping draft

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Note minimal checked windows version is 1.03

Ordinal	Name	Description	Status			Version	ECMA-234
			Real	Std	Enh		
001	FatalExit	Display the current state of Windows and prompts for instructions on how to proceed				1.03	Yes
002	ExitKernel						
003	GetVersion	Return the current version of Windows				1.03	Yes
004	LocalInit	Initialize local heap					Yes
005	LocalAlloc	Allocate wBytes bytes of memory from the local heap				1.03	Yes
006	LocalRealloc	Reallocate the local memory block				1.03	Yes
007	LocalFree	Free the local memory block				1.03	Yes
008	LocalLock	Lock the local memory block				1.03	Yes
009	LocalUnlock	Unlock the local memory block				1.03	Yes
010	LocalSize	Retrieve the current size, in bytes, of the local memory block				1.03	Yes
011	LocalHandle						Yes
012	LocalFlags	Return information about the specified local memory block				1.03	Yes

Ordinal	Name	Description	Status			Version	ECMA-234
			Real	Std	Enh		
013	LocalCompact	Generate free bytes of memory by compacting, if necessary, the module's local heap				1.03	Yes
014	LocalNotify						
015	GlocalAlloc	Allocate memory from the global heap				1.03	Yes
016	GlobalRealloc	Reallocate the global memory block				1.03	Yes
017	GlobalFree	Free the global memory block				1.03	Yes
018	GlobalLock	Retrieve the absolute memory address of the global memory block				1.03	Yes
019	GlobalUnlock	Unlock the global memory block				1.03	Yes
020	GlobalSize	Retrieve the current size, in bytes, of the global memory block				1.03	Yes
021	GlobalHandle						Yes
022	GlobalFlags	Return information ¹ about the specified global memory block				1.03	Yes
023	LockSegment						
024	UnlockSegment						
025	GlobalCompact	Generate free bytes of global memory by compacting, if necessary, the system's global heap				1.03	Yes
026	GlobalFreeAll						
027	???						

Ordinal	Name	Description	Status			Version	ECMA-234
			Real	Std	Enh		
028	GlobalMasterHandle						
029	Yield	halts the current task and starts any waiting task				1.03	Yes
030	WaitEvent						
031	PostEvent						
032	SetPriority						
033	LockCurrentTask						
034	SetTaskQueue						
035	GetTaskQueue						
036	GetCurrentTask	Return the handle of the currently executing task				1.03	Yes
037	GetCurrentPDB	Return current PDB					
038	SetTaskSignalProc						
039	???						
040	???						
041	EnableDOS						
042	DisableDOS						
043	???						
044	???						
045	LoadModule	Load module					Yes
046	FreeModule	Release module					Yes
047	GetModuleHandle	Retrieve the module handle of the specified module				1.03	Yes
048	GetModuleUsage	Return the reference count of a given module				1.03	Yes
049	GetModuleName	Retrieve the name of the executable file from which the specified module was loaded				1.03	Yes
050	GetProcAddress	Retrieve the memory address of the function whose name				1.03	Yes

Ordinal	Name	Description	Status			Version	ECMA-234
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051	MakeProInstance	Bind the data segment of the module instance specified to the function pointed				1.03	Yes
052	FreeProInstance	Frees the function specified from the data segment				1.03	Yes
053	CallProInstance						
054	GetInstanceData	Copy data from a previous instance of an application into the data area of the current instance				1.03	Yes
055	Catch	Catch the current execution environment and copy it the the buffer				1.03	Yes
056	Throw	Restore the execution environment to the values saved in the buffer				1.03	Yes
057	GetProfileInt	Retrieve the value of an integer key from the the Windows initialization file				1.03	Yes
058	GetProfileString	Copy a character string from the user profile into the buffer				1.03	Yes
059	WriteProfileString	Copy the character string into the Windows initialization file				1.03	Yes

Ordinal	Name	Description	Status			Version	ECMA-234
			Real	Std	Enh		
060	FindeResource	Determine the location of a resource in the specified resource file				1.03	Yes
061	LoadResource	Load a resource from the executable file associated with the module				1.03	Yes
062	LockResource	Retrieve the absolute memory address of the loaded resource				1.03	Yes
063	FreeResource	Remove a loaded resource from memory by freeing the allocated memory occupied by that resource				1.03	Yes
064	AccessResource	Open the specified resource file and moves the file pointer to the beginning of the specified resource				1.03	
065	SizeOfResource	Supply the size in bytes of the specified resource				1.03	Yes
066	AllocResource	Allocate uninitialized memory for the passed resource				1.03	Yes
067	SetResourceHandle	Set up a function to load resources				1.03	Yes
068	InitAtomTable	Initialize an atom hash table and set its size				1.03	

Ordinal	Name	Description	Status			Version	ECMA-234
			Real	Std	Enh		
069	FindAtom	Search the atom table for the character string				1.03	
070	Add the character string to the atom table 1.03 071 [[en:docs:win16:api:kernel>DeleteAtom	Delete an atom				1.03	
072	GetAtomName	Retrieve a copy of the character string associated with atom				1.03	
073	GetAtomHandle						
074	OpenFile	Create, open, reopen, or delete a file				1.03	Yes
075	OpenPathname						
076	DeletePathname						
077	AnsiNext	Move to the next character in a string				1.03	Yes
078	AnsiPrev	Move to the previous character in a string				1.03	Yes
079	AnsiUpper	Convert a string or a character to upper case				1.03	Yes
080	AnsiLower	Convert the given string to lower case				1.03	Yes
081	_lclose	Close the file described by the file handle					Yes
082	_lread	Read a specified number of bytes from a file into memory					Yes
083	_lcreat	Create and open a file, described by FileName, for reading and/or writing					Yes

Ordinal	Name	Description	Status			Version	ECMA-234
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084	_lseek	Move the current file position pointer of the file					Yes
085	_lopen	Open a file					Yes
086	_lwrite	Write a specified number of bytes of memory to a file					Yes
087	lstrcmp	Compare two strings					Yes
088	lstrcpy	Copy the contents from one string to another					Yes
089	lstrcat	Concatenate the contents of two strings					Yes
090	lstrlen	Determines the length of the string					Yes
091	InitTask						
092	GetTempDrive	Return a letter specifying the optimal drive for a temporary file				1.03	Yes
093	GetCodeHandle	Return the handle of the code segment containing the function pointed				1.03	
094	DefineHandleTable						
095	LoadLibrary	Load the library module contained in the specified file and returns a handle to the loaded module				1.03	Yes
096	FreeLibrary	Free memory occupied by library when module reference count equal to zero				1.03	Yes

Ordinal	Name	Description	Status			Version	ECMA-234
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097	GetTempFilename	Create a temporary filename				1.03	Yes
098	GetLastDiskChange						
099	GetLpErrMode						
100	ValidateCodeSegments						
101	NoHookDosCall						
102	Dos3Call						
103	NetbiosCall						
104	GetCodeInto						
105	GetExeVersion						
106	SETSWAPAREASIZE						
107	SETERRORMODE						Yes
108	SWITCHSTACKTO						
109	SWITCHSTACKBACK						
110	PatchCodeHandle						
111	GLOBALWIRE						
112	GLOBALUNWIRE						
113	__AHSHIFT						
114	__AHINCR						
115	OUTPUTDEBUGSTRING						Yes
116	InitLib						
117	OldYield						
118	GetTaskQueueDS						
119	GetTaskQueueES						
120	UndefDynLink						
121	LOCALSHRINK						Yes
122	IsTaskLocked						
123	KbdRst						
124	EnableKernel						
125	DisableKernel						
126	MemoryFreed						
127	GETPRIVATEPROFILEINT						Yes
128	GETPRIVATEPROFILESTRING						Yes
129	WRITEPRIVATEPROFILESTRING						Yes
130	FILECDR						
131	GETDOSENVIRONMENT						
132	GETWINFLAGS						Yes
133	GetExePtr						
134	GETWINDOWSDIRECTORY						Yes
135	GETSYSTEMDIRECTORY						Yes
136	GETDRIVETYPE						Yes
137	FATALAPPEXIT						Yes

Ordinal	Name	Description	Status			Version	ECMA-234
			Real	Std	Enh		
138	GETHEAPSPACES						
139	DoSignal						
140	SetSigHandler						
141	InitTask1						
142	???						
143	???						
144	???						
145	???						
146	???						
147	???						
148	???						
149	???						
150	DIRECTEDYIELD						Yes
151	WinOldApCall						
152	GETNUMTASKS						Yes
153	???						
154	GLOBALNOTIFY						Yes
155	GetTaskDS						
156	LIMITEMSPAGES						
157	GetCurPID						
158	IsWinOldApTask						
159	GlobalHandleNoRip						
160	EMSCopy						
161	LocalCountFree						
162	LocalHeapSize						
163	GLOBALLRUOLDEST						Yes
164	GLOBALLRUNEWEST						Yes
165	A20Proc						
166	WINEXEC						Yes
167	GetExpWinVer						
168	DirectResAlloc						
169	GETFREESPACE						Yes
170	ALLOCCSTODSALIAS						
171	ALLOCDSTOCSALIAS						
172	AllocAlias						
173	__ROMBIOS						
174	__A000H						
175	ALLOCSELECTOR						
176	FREESELECTOR						
177	PRESTOCHANGOSELECTOR						
178	???						
179	???						
180	???						
181	???						

Ordinal	Name	Description	Status			Version	ECMA-234
			Real	Std	Enh		
182	???						
183	???						
184	GLOBALDOSALLOC						
185	GLOBALDOSFREE						
186	GETSELECTORBASE						
187	SETSELECTORBASE						
188	GETSELECTORLIMIT						
189	SETSELECTORLIMIT						
190	???						
191	GLOBALPAGELOCK						
192	GLOBALPAGEUNLOCK						
193	???						
194	???						
195	???						
196	SELECTORACCESSRIGHTS						
197	GLOBALFIX						Yes
198	GLOBALUNFIX						Yes
199	SETHANDLECOUNT						Yes
200	VALIDATEFREESPACES						
201	???						
202	???						
203	DEBUGBREAK						
204	SWAPRECORDING						
205	???						
206	ALLOCSELECTORARRAY						
207	ISDBCSLEADBYTE						Yes
310	LOCALHANDLEDELTA	Set the number of handle table entries to be allocated when the local heap manager runs out of handle table				1.03	
320	ISTASK						Yes
323	ISROMMODULE						
324	LOGERROR						
325	LOGPARAMERROR						
326	ISROMFILE						
334	ISBADREADPTR						Yes
335	ISBADWRITEPTR						Yes
336	ISBADCODEPTR						Yes
337	ISBADSTRINGPTR						Yes

Ordinal	Name	Description	Status			Version	ECMA-234
			Real	Std	Enh		
347	ISBADHUGEWRITEPTR						Yes
348	HMEMCPY						
349	_HREAD						
350	_HWRITE						
353	LSTRCPYN						Yes
354	GETAPPCOMPATFLAGS						
355	GETWINDEBGINFO						
356	SETWINDEBGINFO						

Not found in exports (check other module later): GlobalDiscard 1.03 LocalDiscard 1.03 LocalFreeze 1.03 LocalMelt 1.03 LockData 1.03 UnLockData 1.03 SetPriority 1.03 AddFontResource 1.03 RemoveFontResource 1.03 LoadBitmap 1.03 LoadCursor 1.03 LoadIcon 1.03 LoadMenu 1.03 LoadString 1.03 LoadAccelerators 1.03 AnsiToOem 1.03 OemToAnsi 1.03 MAKEINTATOM 1.03 (Macro?)

Group	Functions
Module Management	GetVersion GetModuleHandle GetModuleUsage GetModuleFileName GetProcAddress MakeProclInstance FreeProclInstance GetInstanceData Catch Throw GetCodeHandle LoadLibrary FreeLibrary
Global Memory Management	GlobalAlloc GlobalCompact GlobalDiscard GlobalFree GlobalLock GlobalReAlloc GlobalSize GlobalUnlock GlobalFlags
Local Memory Management	LocalInit LocalAlloc LocalCompact LocalDiscard LocalFree LocalLock LocalFreeze LocalMelt LocalReAlloc LocalSize LocalUnlock LocalHandleDelta LockData UnlockData LocalFlags
Task Scheduling	GetCurrentTask Yield SetPriority
Resource Management	AddFontResource RemoveFontResource LoadBitmap LoadCursor LoadIcon LoadMenu LoadString LoadAccelerators FindResource LoadResource AllocResource LockResource FreeResource AccessResource SizeofResource SetResourceHandler
String Manipulation	AnsiUpper AnsiLower AnsiNext AnsiPrev AnsiUpperBuff AnsiLowerBuff Istrcmp Istrcmpi IsCharAlpha IsCharAlphaNumeric IsCharUpper IsCharLower _wsprintf wvsprintf
Atom Management	InitAtomTable AddAtom DeleteAtom FindAtom GetAtomName GlobalAddAtom GlobalDeleteAtom GlobalFindAtom GlobalGetAtomName
Initialization Files	GetProfileInt GetProfileString WriteProfileString
Debugging	FatalExit
File Input/Output	_lopen _lcreat _llseek _lread _lwrite _lclose OpenFile GetTempFileName GetTempDrive
Registry	RegOpenKey RegCreateKey RegCloseKey RegDeleteKey RegSetValue RegQueryValue RegEnumKey

Group	Functions
Window Management	CreateWindow CreateWindowEx DestroyWindow ShowWindow CloseWindow OpenIcon MoveWindow SetWindowPos BringWindowToTop GetWindow GetParent SetParent GetNextWindow GetTopWindow GetWindowRect GetClientRect AdjustWindowRect AdjustWindowRectEx EnableWindow IsWindowEnabled IsWindowVisible IsIconic IsZoomed IsWindow IsChild FindWindow EnumWindows EnumChildWindows EnumTaskWindows GetDesktopWindow GetDesktopHwnd WindowFromPoint ChildWindowFromPoint GetWindowText SetWindowText GetWindowTextLength GetClassName GetWindowLong SetWindowLong GetWindowWord SetWindowWord GetWindowTask GetWindowPlacement SetWindowPlacement ArrangeIconicWindows CascadeChildWindows TileChildWindows ShowOwnedPopups AnyPopup GetLastActivePopup SetActiveWindow GetActiveWindow SetFocus GetFocus SetCapture GetCapture ReleaseCapture SetSysModalWindow GetSysModalWindow LockWindowUpdate RedrawWindow UpdateWindow InvalidateRect InvalidateRgn ValidateRect ValidateRgn GetUpdateRect GetUpdateRgn ExcludeUpdateRgn BeginDeferWindowPos DeferWindowPos EndDeferWindowPos FlashWindow
Message Handling	GetMessage PeekMessage PostMessage PostAppMessage SendMessage ReplyMessage InSendMessage WaitMessage TranslateMessage DispatchMessage GetMessagePos GetMessageTime GetMessageExtraInfo PostQuitMessage RegisterWindowMessage SetMessageQueue GetQueueStatus GetInputState QuerySendMessage
Painting and Drawing	BeginPaint EndPaint GetDC GetDCEX GetWindowDC ReleaseDC DrawText GrayString TabbedTextOut GetTabbedTextExtent FillRect InvertRect FrameRect DrawFocusRect DrawIcon ScrollDC ScrollWindow ScrollWindowEx FillWindow PaintRect GetControlBrush
Menus	CreateMenu CreatePopupMenu DestroyMenu GetMenu SetMenu GetSystemMenu GetSubMenu AppendMenu InsertMenu ModifyMenu DeleteMenu RemoveMenu ChangeMenu CheckMenuItem EnableMenuItem HiLiteMenuItem GetMenuState GetMenuString GetMenuItemCount GetMenuItemID DrawMenuBar TrackPopupMenu GetMenuCheckMarkDimensions SetMenuItemBitmaps IsMenu
Clipboard	OpenClipboard CloseClipboard EmptyClipboard GetClipboardOwner GetOpenClipboardWindow SetClipboardData GetClipboardData CountClipboardFormats EnumClipboardFormats RegisterClipboardFormat GetClipboardFormatName IsClipboardFormatAvailable GetPriorityClipboardFormat SetClipboardViewer GetClipboardViewer ChangeClipboardChain
Caret	CreateCaret DestroyCaret SetCaretPos GetCaretPos HideCaret ShowCaret SetCaretBlinkTime GetCaretBlinkTime
Cursor and Icon	SetCursor GetCursor SetCursorPos GetCursorPos ShowCursor ClipCursor GetClipCursor LoadCursor LoadIcon CreateCursor CreateIcon CopyCursor CopyIcon DestroyCursor DestroyIcon CreateCursorIconIndirect
Scroll Bars	SetScrollPos GetScrollPos SetScrollRange GetScrollRange ShowScrollBar EnableScrollBar CalcChildScroll

Group	Functions
Dialog Boxes	DialogBox DialogBoxIndirect DialogBoxParam DialogBoxIndirectParam CreateDialog CreateDialogIndirect CreateDialogParam CreateDialogIndirectParam EndDialog GetDlgItem SetDlgItemText GetDlgItemText SetDlgItemInt GetDlgItemInt CheckDlgButton IsDlgButtonChecked CheckRadioButton SendDlgItemMessage GetNextDlgGroupItem GetNextDlgTabItem GetDlgCtrlID IsDialogMessage MapDialogRect GetDialogBaseUnits DefDlgProc DlgDirList DlgDirListComboBox DlgDirSelect DlgDirSelectEx DlgDirSelectComboBox DlgDirSelectComboBoxEx
Device Context Management	GetDC GetDCEX GetWindowDC ReleaseDC SaveDC RestoreDC CreateDC CreateCompatibleDC DeleteDC ResetDC
Coordinates and Transformations	SetMapMode GetMapMode SetWindowOrg GetWindowOrg SetWindowExt GetWindowExt SetViewportOrg GetViewportOrg SetViewportExt GetViewportExt OffsetWindowOrg OffsetViewportOrg ScaleWindowExt ScaleViewportExt DPToLP LPtoDP
Drawing Functions	SetPixel GetPixel MoveTo LineTo Polyline Polygon PolyPolygon Rectangle RoundRect Ellipse Arc Chord Pie FloodFill ExtFloodFill DrawFocusRect PatBlt BitBlt StretchBlt StretchDIBits SetDIBits GetDIBits SetDIBitsToDevice
Regions	CreateRectRgn CreateRectRgnIndirect CreateRoundRectRgn CreateEllipticRgn CreateEllipticRgnIndirect CreatePolygonRgn CreatePolyPolygonRgn CombineRgn EqualRgn OffsetRgn FillRgn FrameRgn InvertRgn PaintRgn SelectClipRgn ExcludeClipRect IntersectClipRect OffsetClipRgn GetClipBox GetRgnBox PtInRegion RectInRegion SetRectRgn
Bitmaps	CreateBitmap CreateBitmapIndirect CreateCompatibleBitmap CreateDiscardableBitmap CreateDIBitmap CreateDIBPatternBrush SetBitmapBits GetBitmapBits SetBitmapDimension GetBitmapDimension
Brushes and Pens	CreateSolidBrush CreateHatchBrush CreatePatternBrush CreateBrushIndirect CreatePen CreatePenIndirect SetBrushOrg GetBrushOrg SelectObject GetObject DeleteObject GetStockObject UnrealizeObject
Fonts and Text	CreateFont CreateFontIndirect CreateScalableFontResource AddFontResource RemoveFontResource EnumFonts EnumFontFamilies GetTextMetrics GetTextExtent GetTextFace GetCharWidth GetCharABCWidths GetOutlineTextMetrics GetGlyphOutline GetKerningPairs SetTextColor GetTextColor SetBkColor GetBkColor SetBkMode GetBkMode SetTextAlign GetTextAlign SetTextCharacterExtra GetTextCharacterExtra SetTextJustification TextOut ExtTextOut TabbedTextOut GetTabbedTextExtent
Metafiles	CreateMetaFile CloseMetaFile DeleteMetaFile CopyMetaFile GetMetaFile GetMetaFileBits SetMetaFileBits PlayMetaFile PlayMetaFileRecord EnumMetaFile IsValidMetaFile
Printing	StartDoc EndDoc StartPage EndPage SetAbortProc AbortDoc QueryAbort OpenJob CloseJob DeleteJob WriteSpool StartSpoolPage EndSpoolPage SpoolFile
Palettes	CreatePalette SelectPalette RealizePalette GetPaletteEntries SetPaletteEntries ResizePalette AnimatePalette UpdateColors GetNearestPaletteIndex GetNearestColor SetSystemPaletteUse GetSystemPaletteUse GetSystemPaletteEntries
Device Capabilities	GetDeviceCaps GetRasterizerCaps GetEnvironment SetEnvironment GetAspectRatioFilter Escape CreateIC
Miscellaneous GDI	SetROP2 GetROP2 SetPolyFillMode GetPolyFillMode SetStretchBltMode GetStretchBltMode SetMapperFlags GetMapperFlags LineDDA MulDiv GetCurrentPosition GetBoundsRect SetBoundsRect FastWindowFrame
Timer	SetTimer KillTimer GetTickCount GetTimerResolution GetCurrentTime

Group	Functions
Hooks	SetWindowsHook SetWindowsHookEx UnhookWindowsHook UnhookWindowsHookEx CallNextHookEx DefHookProc CallMsgFilter
Communications	OpenComm CloseComm ReadComm WriteComm SetCommState GetCommState GetCommError TransmitCommChar SetCommEventMask GetCommEventMask SetCommBreak ClearCommBreak UngetCommChar BuildCommDCB EscapeCommFunction FlushComm EnableCommNotification
Networking (WNet)	WNetErrorText WNetOpenJob WNetCloseJob WNetAbortJob WNetHoldJob WNetReleaseJob WNetCancelJob WNetSetJobCopies WNetWatchQueue WNetUnwatchQueue WNetLockQueueData WNetUnlockQueueData WNetGetConnection WNetGetCaps WNetDeviceMode WNetBrowseDialog WNetGetUser WNetAddConnection WNetCancelConnection WNetGetError WNetGetErrorText WNetEnable WNetDisable WNetRestoreConnection WNetWriteJob WNetConnectDialog WNetDisconnectDialog WNetConnectionDialog WNetViewQueueDialog WNetPropertyDialog WNetGetDirectoryType WNetDirectoryNotify WNetGetPropertyText
System Information	GetSystemMetrics GetSysColor SetSysColors SystemParametersInfo GetFreeSystemResources GetSystemDebugState GetDoubleClickTime SetDoubleClickTime SwapMouseButton GetKeyState GetAsyncKeyState GetKeyboardState SetKeyboardState mouse_event GetMouseEventProc EnableHardwareInput IsUserIdle LockInput MessageBeep WinHelp
Window Classes	RegisterClass RegisterClassEx UnregisterClass GetClassInfo GetClassInfoEx GetClassWord SetClassWord GetClassLong SetClassLong GetClassName
Window Properties	SetProp GetProp RemoveProp EnumProps
MDI Support	DefFrameProc DefMDIChildProc TranslateMDISysAccel
Drivers	OpenDriver CloseDriver SendDriverMessage GetDriverModuleHandle GetDriverInfo GetNextDriver DefDriverProc
Miscellaneous	InitApp ExitWindows ExitWindowsExec OLDEXITWINDOWS BEAR11 BEAR86 BEAR182 UserSeeUserDo OldSetDeskPattern SetRect SetRectEmpty CopyRect IsRectEmpty PtInRect OffsetRect InflateRect IntersectRect UnionRect EqualRect SubtractRect

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