

Windows 3.1 SDK constants reference

Alphabetical list

<u>Application termination</u>	<u>Message box support</u>
<u>Bitmap support</u>	<u>Mode control</u>
<u>Button control</u>	<u>Mouse cursor support</u>
<u>Clipboard manager</u>	<u>Mouse input support</u>
<u>Clipping support</u>	<u>Network support</u>
<u>Color palette support</u>	<u>Owner draw control support</u>
<u>Color support</u>	<u>Power management support</u>
<u>Comm port support</u>	<u>Printing support</u>
<u>Device capabilities</u>	<u>Resource management</u>
<u>Dialog & control management</u>	<u>Scroll bar support</u>
<u>Dialog directory support</u>	<u>Sound support</u>
<u>Drag-and-drop support</u>	<u>Static control</u>
<u>Edit control</u>	<u>System information</u>
<u>Exiting Windows</u>	<u>System menu commands</u>
<u>File I/O</u>	<u>System metrics</u>
<u>Font support</u>	<u>System parameters support</u>
<u>GDI escapes</u>	<u>Text support</u>
<u>GDI object support</u>	<u>Window activate</u>
<u>Help support</u>	<u>Window class management</u>
<u>Icon support</u>	<u>Window create/destroy</u>
<u>Keyboard input support</u>	<u>Window drawing support</u>
<u>List box control</u>	<u>Window message support</u>
<u>Main window support</u>	<u>Window query & enumeration</u>
<u>Map modes</u>	<u>Window repainting</u>
<u>Memory management</u>	<u>Window scrolling</u>
<u>Menu support</u>	<u>Window size/position</u>

Alphabetical list

Click a letter to display Windows constants.

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A

ABORTDOC	2
ANSI_CHARSET	0
ANSI_FIXED_FONT	11
ANSI_VAR_FONT	12
ASPECT_FILTERING	0x00000001L
ASPECTX	40
ASPECTXY	44
ASPECTY	42

B

BANDINFO	24
BEGIN_PATH	4096
BI_RGB	0L
BI_RLE4	2L
BI_RLE8	1L
BITSPIXEL	12
BLACK_BRUSH	4
BLACK_PEN	7
BLACKNESS	0x00000042L
BLACKONWHITE	1
BM_GETCHECK	(WM_USER0)
BM_GETSTATE	(WM_USER2)
BM_SETCHECK	(WM_USER1)
BM_SETSTATE	(WM_USER3)
BM_SETSTYLE	(WM_USER4)
BN_CLICKED	0
BN_DISABLE	4
BN_DOUBLECLICKED	5
BN_HILITE	2
BN_PAINT	1
BN_UNHILITE	3
BS_3STATE	0x00000005L
BS_AUTO3STATE	0x00000006L
BS_AUTOCHECKBOX	0x00000003L
BS_AUTORADIOBUTTON	0x00000009L
BS_CHECKBOX	0x00000002L
BS_DEFPUSHBUTTON	0x00000001L
BS_DIBPATTERN	5
BS_GROUPBOX	0x00000007L
BS_HATCHED	2
BS_HOLLOW	BS_NULL
BS_INDEXED	4
BS_LEFTTEXT	0x00000020L
BS_NULL	1
BS_OWNERDRAW	0x0000000BL
BS_PATTERN	3
BS_PUSHBUTTON	0x00000000L
BS_RADIOBUTTON	0x00000004L
BS_SOLID	0

BS_USERBUTTON 0x0000008L

C

CBM_INIT 0x0000004L
CBR_110 0xFF10
CBR_1200 0xFF13
CBR_128000 0xFF23
CBR_14400 0xFF17
CBR_19200 0xFF18
CBR_2400 0xFF14
CBR_256000 0xFF27
CBR_300 0xFF11
CBR_38400 0xFF1B
CBR_4800 0xFF15
CBR_56000 0xFF1F
CBR_600 0xFF12
CBR_9600 0xFF16
CC_CHORD 0x0004
CC_CIRCLES 0x0001
CC_ELLIPSES 0x0008
CC_INTERIORS 0x0080
CC_NONE 0x0000
CC_PIE 0x0002
CC_ROUNDRECT 0x0100
CC_STYLED 0x0020
CC_WIDE 0x0010
CC_WIDESTYLED 0x0040
CF_BITMAP 2
CF_DIB 8
CF_DIF 5
CF_DSPBITMAP 0x0082
CF_DSPMETAFILEPICT 0x0083
CF_DSPTEXT 0x0081
CF_GDIOBJFIRST 0x0300
CF_GDIOBJLAST 0x03FF
CF_METAFILEPICT 3
CF_OEMTEXT 7
CF_OWNERDISPLAY 0x0080
CF_PALETTE 9
CF_PENDATA 10
CF_PRIVATEFIRST 0x0200
CF_PRIVATELAST 0x02FF
CF_RIFF 11
CF_SYLK 4
CF_TEXT 1
CF_TIFF 6
CF_WAVE 12
CHINESEBIG5_CHARSET 136
CLIP_CHARACTER_PRECIS 0x01
CLIP_DEFAULT_PRECIS 0x00
CLIP_EMBEDDED 0x80
CLIP_LH_ANGLES 0x10
CLIP_MASK 0x0F
CLIP_STROKE_PRECIS 0x02
CLIP_TO_PATH 4097
CLIP_TT_ALWAYS 0x20
CLIPCAPS 36
CLRDTR 6
CLRRTS 4

CN_EVENT	0x0004
CN_RECEIVE	0x0001
CN_TRANSMIT	0x0002
COLOR_ACTIVEBORDER	10
COLOR_ACTIVECAPTION	2
COLOR_APPWORKSPACE	12
COLOR_BACKGROUND	1
COLOR_BTNFACE	15
COLOR_BTNHIGHLIGHT	20
COLOR_BTNSHADOW	16
COLOR_BTNTEXT	18
COLOR_CAPTIONTEXT	9
COLOR_GRAYTEXT	17
COLOR_HIGHLIGHT	13
COLOR_HIGHLIGHTTEXT	14
COLOR_INACTIVEBORDER	11
COLOR_INACTIVECAPTION	3
COLOR_INACTIVECAPTIONTEXT	19
COLOR_MENU	4
COLOR_MENUTEXT	7
COLOR_SCROLLBAR	0
COLOR_WINDOW	5
COLOR_WINDOWFRAME	6
COLOR_WINDOWTEXT	8
COLORONCOLOR	3
COLORRES	108
CP_NONE	0x0000
CP_RECTANGLE	0x0001
CP_REGION	0x0002
CS_BYTEALIGNCLIENT	0x1000
CS_BYTEALIGNWINDOW	0x2000
CS_CLASSDC	0x0040
CS_DBLCLKS	0x0008
CS_GLOBALCLASS	0x4000
CS_HREDRAW	0x0002
CS_KEYCVTWINDOW	0x0004
CS_NOCLOSE	0x0200
CS_NOKEYCVT	0x0100
CS_OWNDC	0x0020
CS_PARENTDC	0x0080
CS_SAVEBITS	0x0800
CS_VREDRAW	0x0001
CSTF_CTSHOLD	0x01
CSTF_DSRHOLD	0x02
CSTF_EOF	0x20
CSTF_RLSDHOLD	0x04
CSTF_TXIM	0x40
CSTF_XOFFHOLD	0x08
CSTF_XOFFSENT	0x10
CTLCOLOR_BTN	3
CTLCOLOR_DLG	4
CTLCOLOR_EDIT	1
CTLCOLOR_LISTBOX	2
CTLCOLOR_MSGBOX	0
CTLCOLOR_SCROLLBAR	5
CTLCOLOR_STATIC	6
CURVECAPS	28
CW_USEDEFAULT	0x8000

D

DC_HASDEFID	0x534B
DCX_CACHE	0x00000002L
DCX_CLIPCHILDREN	0x00000008L
DCX_CLIPSIBLINGS	0x00000010L
DCX_EXCLUDERGN	0x00000040L
DCX_INTERSECTRGN	0x00000080L
DCX_LOCKWINDOWUPDATE	0x00000400L
DCX_PARENTCLIP	0x00000020L
DCX_USESTYLE	0x00010000L
DCX_WINDOW	0x00000001L
DDL_ARCHIVE	0x0020
DDL_DIRECTORY	0x0010
DDL_DRIVES	0x4000
DDL_EXCLUSIVE	0x8000
DDL_HIDDEN	0x0002
DDL_POSTMSGS	0x2000
DDL_READONLY	0x0001
DDL_READWRITE	0x0000
DDL_SYSTEM	0x0004
DEFAULT_CHARSET	1
DEFAULT_PALETTE	15
DEFAULT_PITCH	0x00
DEFAULT_QUALITY	0
DEVICE_DEFAULT_FONT	14
DEVICE_FONTTYPE	0X0002
DEVICEDATA	19
DIB_PAL_COLORS	1
DIB_RGB_COLORS	0
DKGRAY_BRUSH	3
DLGC_BUTTON	0x2000
DLGC_DEFPUSHBUTTON	0x0010
DLGC_HASSETSEL	0x0008
DLGC_RADIOBUTTON	0x0040
DLGC_STATIC	0x0100
DLGC_UNDEFPUSHBUTTON	0x0020
DLGC_WANTALLKEYS	0x0004
DLGC_WANTARROWS	0x0001
DLGC_WANTCHARS	0x0080
DLGC_WANTMESSAGE	0x0004
DLGC_WANTTAB	0x0002
DLGWINDOWEXTRA	30
DM_GETDEFID	(WM_USER0)
DM_SETDEFID	(WM_USER1)
DRAFT_QUALITY	1
DRAFTMODE	7
DRAWPATTERNRECT	25
DRIVERVERSION	0
DS_ABSALIGN	0x01L
DS_LOCALEEDIT	0x20L
DS_MODALFRAME	0x80L
DS_NOIDLEMSG	0x100L
DS_SETFONT	0x40L
DS_SYSMODAL	0x02L
DSTINVERT	0x00550009L
DT_BOTTOM	0x0008
DT_CALCRECT	0x0400
DT_CENTER	0x0001

DT_EXPANDTABS	0x0040
DT_EXTERNALLEADING	0x0200
DT_INTERNAL	0x1000
DT_LEFT	0x0000
DT_NOCLIP	0x0100
DT_NOPREFIX	0x0800
DT_RIGHT	0x0002
DT_SINGLELINE	0x0020
DT_TABSTOP	0x0080
DT_TOP	0x0000
DT_VCENTER	0x0004
DT_WORDBREAK	0x0010
DWL_DLGPROC	4
DWL_MSGRESULT	0
DWL_USER	8

E

EM_CANUNDO	(WM_USER22)
EM_EMPTYUNDOBUFFER	(WM_USER29)
EM_FMTLINES	(WM_USER24)
EM_GETFIRSTVISIBLELINE	(WM_USER30)
EM_GETHANDLE	(WM_USER13)
EM_GETLINE	(WM_USER20)
EM_GETLINECOUNT	(WM_USER10)
EM_GETMODIFY	(WM_USER8)
EM_GETPASSWORDCHAR	(WM_USER34)
EM_GETRECT	(WM_USER2)
EM_GETSEL	(WM_USER0)
EM_GETWORDBREAKPROC	(WM_USER33)
EM_LIMITTEXT	(WM_USER21)
EM_LINEFROMCHAR	(WM_USER25)
EM_LINEINDEX	(WM_USER11)
EM_LINELENGTH	(WM_USER17)
EM_LINESCROLL	(WM_USER6)
EM_REPLACESEL	(WM_USER18)
EM_SETFONT	(WM_USER19)
EM_SETHANDLE	(WM_USER12)
EM_SETMODIFY	(WM_USER9)
EM_SETPASSWORDCHAR	(WM_USER28)
EM_SETREADONLY	(WM_USER31)
EM_SETRECT	(WM_USER3)
EM_SETRECTNP	(WM_USER4)
EM_SETSEL	(WM_USER1)
EM_SETTABSTOPS	(WM_USER27)
EM_SETWORDBREAK	(WM_USER26)
EM_SETWORDBREAKPROC	(WM_USER32)
EM_UNDO	(WM_USER23)
EN_CHANGE	0x0300
EN_ERRSPACE	0x0500
EN_HSCROLL	0x0601
EN_KILLFOCUS	0x0200
EN_MAXTEXT	0x0501
EN_SETFOCUS	0x0100
EN_UPDATE	0x0400
EN_VSCROLL	0x0602
ENABLEDUPLEX	28
ENABLEPAIRKERNING	769
ENABLERELATIVewidths	768
END_PATH	4098

ENDDOC	11
ENUMPAPERBINS	31
ENUMPAPERMETRICS	34
EPSPRINTING	33
ES_AUTOHSCROLL	0x00000080L
ES_AUTOVSCROLL	0x00000040L
ES_CENTER	0x00000001L
ES_LEFT	0x00000000L
ES_LOWERCASE	0x00000010L
ES_MULTILINE	0x00000004L
ES_NOHIDSEL	0x00000100L
ES_OEMCONVERT	0x00000400L
ES_PASSWORD	0x00000020L
ES_READONLY	0x00000800L
ES_RIGHT	0x00000002L
ES_UPPERCASE	0x00000008L
ES_WANTRETURN	0x00001000L
ESB_DISABLE_BOTH	0x0003
ESB_DISABLE_DOWN	0x0002
ESB_DISABLE_LEFT	0x0001
ESB_DISABLE_RIGHT	0x0002
ESB_DISABLE_UP	0x0001
ESB_ENABLE_BOTH	0x0000
ETO_CLIPPED	0x0004
ETO_GRAYED	0x0001
ETO_OPAQUE	0x0002
EV_BREAK	0x0040
EV_CTS	0x0008
EV_CTSS	0x0400
EV_DSR	0x0010
EV_DSRS	0x0800
EV_ERR	0x0080
EV_PERR	0x0200
EV_RING	0x0100
EV_RingTe	0x2000
EV_RINGTE	EV_RingTe
EV_RLSD	0x0020
EV_RLSDS	0x1000
EV_RXCHAR	0x0001
EV_RXFLAG	0x0002
EV_TXEMPTY	0x0004
EVENPARITY	2
EW_REBOOTSYSTEM	0x43
EW_RESTARTWINDOWS	0x42
EXT_DEVICE_CAPS	4099
EXTTEXTOUT	512

F

FF_DECORATIVE	0x50
FF_DONTCARE	0x00
FF_MODERN	0x30
FF_ROMAN	0x10
FF_SCRIPT	0x40
FF_SWISS	0x20
FIXED_PITCH	0x01
FLOODFILLBORDER	0
FLOODFILLSURFACE	1
FLUSHOUTPUT	6
FW_BOLD	700

FW_DONTCARE	0
FW_EXTRABOLD	800
FW_EXTRALIGHT	200
FW_HEAVY	900
FW_LIGHT	300
FW_MEDIUM	500
FW_NORMAL	400
FW_SEMIBOLD	600
FW_THIN	100

G

GCL_MENUNAME	(-8)
GCL_WNDPROC	(-24)
GCW_ATOM	(-32)
GCW_CBCLSEXTRA	(-20)
GCW_CBWNDEXTRA	(-18)
GCW_HBRBACKGROUND	(-10)
GCW_HCURSOR	(-12)
GCW_HICON	(-14)
GCW_HMODULE	(-16)
GCW_STYLE	(-26)
GETBASEIRQ	10
GETCOLORTABLE	5
GETEXTENDEDTEXTMETRICS	256
GETTEXTENTTABLE	257
GETFACENAME	513
GETMAXCOM	9
GETMAXLPT	8
GETPAIRKERNTABLE	258
GETPENWIDTH	16
GETPHYSPAGE SIZE	12
GETPRINTINGOFFSET	13
GETSCALINGFACTOR	14
GETSETPAPERBINS	29
GETSETPAPERMETRICS	35
GETSETPRINTORIENT	30
GETSETSCREENPARAMS	3072
GETTECHNOLOGY	20
GETTECHNOLOGY	20
GETTRACKKERNTABLE	259
GETVECTORBRUSH SIZE	27
GETVECTORPEN SIZE	26
GFSR_GDIRESOURCES	0x0001
GFSR_SYSTEMRESOURCES	0x0000
GFSR_USERRESOURCES	0x0002
GGO_BITMAP	1
GGO_METRICS	0
GGO_NATIVE	2
GMEM_DDESHARE	0x2000
GMEM_DISCARDABLE	0x0100
GMEM_DISCARDED	0x4000
GMEM_FIXED	0x0000
GMEM_LOCKCOUNT	0x00FF
GMEM_MODIFY	0x0080
GMEM_MOVEABLE	0x0002
GMEM_NOCOMPACT	0x0010
GMEM_NODISCARD	0x0020
GMEM_NOT_BANKED	0x1000
GMEM_NOTIFY	0x4000

GMEM_SHARE	0x2000
GMEM_ZEROINIT	0x0040
GRAY_BRUSH	2
GW_CHILD	5
GW_HWNDFIRST	0
GW_HWNDLAST	1
GW_HWNDNEXT	2
GW_HWNDPREV	3
GW_OWNER	4
GWL_EXSTYLE	(-20)
GWL_STYLE	(-16)
GWL_WNDPROC	(-4)
GWW_HINSTANCE	(-6)
GWW_HWNDPARENT	(-8)
GWW_ID	(-12)

H

HANGEUL_CHARSET	129
HELP_COMMAND	0x0102
HELP_CONTENTS	0x0003
HELP_CONTEXT	0x0001
HELP_CONTEXTPOPUP	0x0008
HELP_FORCEFILE	0x0009
HELP_HELPONHELP	0x0004
HELP_INDEX	0x0003
HELP_KEY	0x0101
HELP_MULTIKEY	0x0201
HELP_PARTIALKEY	0x0105
HELP_QUIT	0x0002
HELP_SETCONTENTS	0x0005
HELP_SETINDEX	0x0005
HELP_SETWINPOS	0x0203
HIDE_WINDOW	0
HOLLOW_BRUSH	NULL_BRUSH
HORZRES	8
HORZSIZE	4
HS_BDIAGONAL	3
HS_CROSS	4
HS_DIAGCROSS	5
HS_FDIAGONAL	2
HS_HORIZONTAL	0
HS_VERTICAL	1
HWND_BOTTOM	((HWND) 1)
HWND_DESKTOP	((HWND) 0)
HWND_NOTOPMOST	((HWND) -2)
HWND_TOP	((HWND) 0)
HWND_TOPMOST	((HWND) -1)

I - J

IDABORT	3
IDC_ARROW	MAKEINTRESOURCE (32512)
IDC_CROSS	MAKEINTRESOURCE (32515)
IDC_IBEAM	MAKEINTRESOURCE (32513)
IDC_ICON	MAKEINTRESOURCE (32641)
IDC_SIZE	MAKEINTRESOURCE (32640)
IDC_SIZENESW	MAKEINTRESOURCE (32643)
IDC_SIZENS	MAKEINTRESOURCE (32645)
IDC_SIZENWSE	MAKEINTRESOURCE (32642)
IDC_SIZEW	MAKEINTRESOURCE (32644)

IDC_UPARROW	MAKEINTRESOURCE (32516)
IDC_WAIT	MAKEINTRESOURCE (32514)
IDCANCEL	2
IDI_APPLICATION	MAKEINTRESOURCE (32512)
IDI_ASTERISK	MAKEINTRESOURCE (32516)
IDI_EXCLAMATION	MAKEINTRESOURCE (32515)
IDI_HAND	MAKEINTRESOURCE (32513)
IDI_QUESTION	MAKEINTRESOURCE (32514)
IDIGNORE	5
IDNO	7
IDOK	1
IDRETRY	4
IDYES	6
IGNORE	0
INFINITE	0xFFFF

K

KF_ALTDOWN	0x2000
KF_DLGMODE	0x0800
KF_EXTENDED	0x0100
KF_MENU MODE	0x1000
KF_REPEAT	0x4000
KF_UP	0x8000

L

LB_ADDSTRING	(WM_USER1)
LB_CTLCODE	0L
LB_DELETESTRING	(WM_USER3)
LB_DIR	(WM_USER14)
LB_ERR	(-1)
LB_ERRSPACE	(-2)
LB_FINDSTRING	(WM_USER16)
LB_FINDSTRINGEXACT	(WM_USER35)
LB_GETCARETINDEX	(WM_USER32)
LB_GETCOUNT	(WM_USER12)
LB_GETCURSEL	(WM_USER9)
LB_GETHORIZONTALEXTENT	(WM_USER20)
LB_GETITEMDATA	(WM_USER26)
LB_GETITEMHEIGHT	(WM_USER34)
LB_GETITEMRECT	(WM_USER25)
LB_GETSEL	(WM_USER8)
LB_GETSELCOUNT	(WM_USER17)
LB_GETSELITEMS	(WM_USER18)
LB_GETTEXT	(WM_USER10)
LB_GETTEXTLEN	(WM_USER11)
LB_GETTOPINDEX	(WM_USER15)
LB_INSERTSTRING	(WM_USER2)
LB_OKAY	0
LB_RESETCONTENT	(WM_USER5)
LB_SELECTSTRING	(WM_USER13)
LB_SELITEMRANGE	(WM_USER28)
LB_SETCARETINDEX	(WM_USER31)
LB_SETCOLUMNWIDTH	(WM_USER22)
LB_SETCURSEL	(WM_USER7)
LB_SETHORIZONTALEXTENT	(WM_USER21)
LB_SETITEMDATA	(WM_USER27)
LB_SETITEMHEIGHT	(WM_USER33)
LB_SETSEL	(WM_USER6)
LB_SETTABSTOPS	(WM_USER19)

LB_SETTOPINDEX	(WM_USER24)
LBN_DBLCLK	2
LBN_ERRSPACE	(-2)
LBN_KILLFOCUS	5
LBN_SELCANCEL	3
LBN_SELCHANGE	1
LBN_SETFOCUS	4
LBS_DISABLENOSCROLL	0x1000L
LBS_EXTENDEDSEL	0x0800L
LBS_HASSTRINGS	0x0040L
LBS_MULTICOLUMN	0x0200L
LBS_MULTIPLESEL	0x0008L
LBS_NOINTEGRALHEIGHT	0x0100L
LBS_NOREDRAW	0x0004L
LBS_NOTIFY	0x0001L
LBS_OWNERDRAWFIXED	0x0010L
LBS_OWNERDRAWVARIABLE	0x0020L
LBS_SORT	0x0002L
LBS_STANDARD	(LBS_NOTIFY LBS_SORT WS_VSCROLL WS_BORDER)
LBS_USETABSTOPS	0x0080L
LBS_WANTKEYBOARDINPUT	0x0400L
LC_INTERIORS	0x0080
LC_MARKER	0x0004
LC_NONE	0x0000
LC_POLYLINE	0x0002
LC_POLYMARKER	0x0008
LC_STYLED	0x0020
LC_WIDE	0x0010
LC_WIDESTYLED	0x0040
LF_FULLFACESIZE	64
LINECAPS	30
LMEM_DISCARDABLE	0x0F00
LMEM_FIXED	0x0000
LMEM_MODIFY	0x0080
LMEM_MOVEABLE	0x0002
LMEM_NOCOMPACT	0x0010
LMEM_NODISCARD	0x0020
LMEM_ZEROINIT	0x0040
LOGPIXELSX	88
LOGPIXELSY	90
LPTx	0x80
LTGRAY_BRUSH	1

M

MA_ACTIVATE	1
MA_ACTIVATEANDEAT	2
MA_NOACTIVATE	3
MA_NOACTIVATEANDEAT	4
MARKPARITY	3
MB_ABORTRETRYIGNORE	0x0002
MB_APPLMODAL	0x0000
MB_DEFBUTTON1	0x0000
MB_DEFBUTTON2	0x0100
MB_DEFBUTTON3	0x0200
MB_DEFMASK	0x0F00
MB_ICONASTERISK	0x0040
MB_ICONEXCLAMATION	0x0030
MB_ICONHAND	0x0010
MB_ICONINFORMATION	MB_ICONASTERISK

MB_ICONMASK	0x00F0
MB_ICONQUESTION	0x0020
MB_ICONSTOP	MB_ICONHAND
MB_NOFOCUS	0x8000
MB_OK	0x0000
MB_OKCANCEL	0x0001
MB_RETRYCANCEL	0x0005
MB_SYSTEMMODAL	0x1000
MB_TASKMODAL	0x2000
MB_TYPEMASK	0x000F
MB_YESNO	0x0004
MB_YESNOCANCEL	0x0003
MDITILE_HORIZONTAL	0x0001
MDITILE_SKIPDISABLED	0x0002
MDITILE_VERTICAL	0x0000
MERGECOPY	0x00C000CAL
MERGEPAINT	0x00BB0226L
MF_APPEND	0x0100
MF_BITMAP	0x0004
MF_BYCOMMAND	0x0000
MF_BYPOSITION	0x0400
MF_CHANGE	0x0080
MF_CHECKED	0x0008
MF_DELETE	0x0200
MF_DISABLED	0x0002
MF_ENABLED	0x0000
MF_GRAYED	0x0001
MF_HELP	0x4000
MF_HILITE	0x0080
MF_INSERT	0x0000
MF_MENUBARBREAK	0x0020
MF_MENUBREAK	0x0040
MF_MOUSESELECT	0x8000
MF_OWNERDRAW	0x0100
MF_POPUP	0x0010
MF_REMOVE	0x1000
MF_SEPARATOR	0x0800
MF_STRING	0x0000
MF_SYSMENU	0x2000
MF_UNCHECKED	0x0000
MF_UNHILITE	0x0000
MF_USECHECKBITMAPS	0x0200
MFCOMMENT	15
MK_CONTROL	0x0008
MK_LBUTTON	0x0001
MK_MBUTTON	0x0010
MK_RBUTTON	0x0002
MK_SHIFT	0x0004
MM_ANISOTROPIC	8
MM_HIENGLISH	5
MM_HIMETRIC	3
MM_ISOTROPIC	7
MM_LOENGLISH	4
MM_LOMETRIC	2
MM_TEXT	1
MM_TWIPS	6
MOUSETRAILS	39
MSGF_DIALOGBOX	0
MSGF_MAINLOOP	8

MSGF_MENU	2
MSGF_MOVE	3
MSGF_NEXTWINDOW	6
MSGF_SCROLLBAR	5
MSGF_SIZE	4
MSGF_USER	4096

N

NEWFRAME	1
NEXTBAND	3
NOPARITY	0
NOTSRCOPY	0x00330008L
NOTSRCERASE	0x001100A6L
NTM_BOLD	0x00000020L
NTM_ITALIC	0x00000001L
NTM_REGULAR	0x00000040L
NULL_BRUSH	5
NULL_PEN	8
NUMBRUSHES	16
NUMCOLORS	24
NUMFONTS	22
NUMMARKERS	20
NUMPENS	18
NUMRESERVED	106

O

OBM_BTNCORNERS	32758
OBM_BTFSIZE	32761
OBM_CHECK	32760
OBM_CHECKBOXES	32759
OBM_CLOSE	32754
OBM_COMBO	32738
OBM_DNARROW	32752
OBM_DNARROWD	32742
OBM_DNARROWI	32736
OBM_LFARROW	32750
OBM_LFARROWD	32740
OBM_LFARROWI	32734
OBM_MNARROW	32739
OBM_OLD_CLOSE	32767
OBM_OLD_DNARROW	32764
OBM_OLD_LFARROW	32762
OBM_OLD_REDUCE	32757
OBM_OLD_RESTORE	32755
OBM_OLD_RGARROW	32763
OBM_OLD_UPARROW	32765
OBM_OLD_ZOOM	32756
OBM_REDUCE	32749
OBM_REDUCED	32746
OBM_RESTORE	32747
OBM_RESTORED	32744
OBM_RGARROW	32751
OBM_RGARROWD	32741
OBM_RGARROWI	32735
OBM_SIZE	32766
OBM_UPARROW	32753
OBM_UPARROWD	32743
OBM_UPARROWI	32737
OBM_ZOOM	32748

OBM_ZOOMD	32745
OCR_CROSS	32515
OCR_IBEAM	32513
OCR_ICOCUR	32647
OCR_ICON	32641
OCR_NORMAL	32512
OCR_SIZE	32640
OCR_SIZEALL	32646
OCR_SIZENESW	32643
OCR_SIZENS	32645
OCR_SIZENWSE	32642
OCR_SIZEWE	32644
OCR_UP	32516
OCR_WAIT	32514
ODA_DRAWENTIRE	0x0001
ODA_FOCUS	0x0004
ODA_SELECT	0x0002
ODDPARITY	1
ODS_CHECKED	0x0008
ODS_DISABLED	0x0004
ODS_FOCUS	0x0010
ODS_GRAYED	0x0002
ODS_SELECTED	0x0001
ODT_BUTTON	4
ODT_COMBOBOX	3
ODT_LISTBOX	2
ODT_MENU	1
OEM_CHARSET	255
OEM_FIXED_FONT	10
OF_CANCEL	0x0800
OF_CREATE	0x1000
OF_DELETE	0x0200
OF_EXIST	0x4000
OF_PARSE	0x0100
OF_PROMPT	0x2000
OF_READ	0x0000
OF_READWRITE	0x0002
OF_REOPEN	0x8000
OF_SEARCH	0x0400
OF_SHARE_COMPAT	0x0000
OF_SHARE_DENY_NONE	0x0040
OF_SHARE_DENY_READ	0x0030
OF_SHARE_DENY_WRITE	0x0020
OF_SHARE_EXCLUSIVE	0x0010
OF_VERIFY	0x0400
OF_WRITE	0x0001
OIC_BANG	32515
OIC_HAND	32513
OIC_NOTE	32516
OIC_QUES	32514
OIC_SAMPLE	32512
ONE5STOPBITS	1
ONESTOPBIT	0
OPAQUE	2
OUT_CHARACTER_PRECIS	2
OUT_DEFAULT_PRECIS	0
OUT_DEVICE_PRECIS	5
OUT_RASTER_PRECIS	6
OUT_STRING_PRECIS	1

OUT_STROKE_PRECIS	3
OUT_TT_ONLY_PRECIS	7
OUT_TT_PRECIS	4

P

PASSTHROUGH	19
PATCOPY	0x00F00021L
PATINVERT	0x005A0049L
PATPAINT	0x00FB0A09L
PC_EXPLICIT	0x02
PC_INTERIORS	0x0080
PC_NOCOLLAPSE	0x04
PC_NONE	0x0000
PC_POLYGON	0x0001
PC_RECTANGLE	0x0002
PC_RESERVED	0x01
PC_SCANLINE	0x0008
PC_STYLED	0x0020
PC_WIDE	0x0010
PC_WIDESTYLED	0x0040
PC_WINDPOLYGON	0x0004
PDEVICESIZE	26
PLANES	14
PM_NOREMOVE	0x0000
PM_NOYIELD	0x0002
PM_REMOVE	0x0001
POLYGONALCAPS	32
POSTSCRIPT_DATA	37
POSTSCRIPT_IGNORE	38
PR_JOBSTATUS	0x0000
PROOF_QUALITY	2
PS_DASH	1
PS_DASHDOT	3
PS_DASHDOTDOT	4
PS_DOT	2
PS_INSIDEFRAME	6
PS_NULL	5
PS_SOLID	0
PWR_CRITICALRESUME	3
PWR_FAIL	(-1)
PWR_OK	1
PWR_SUSPENDREQUEST	1
PWR_SUSPENDRESUME	2

Q

QS_ALLINPUT	0x007f
QS_KEY	0x0001
QS_MOUSE	(QS_MOUSEMOVE QS_MOUSEBUTTON)
QS_MOUSEBUTTON	0x0004
QS_MOUSEMOVE	0x0002
QS_PAINT	0x0020
QS_POSTMESSAGE	0x0008
QS_SENDMESSAGE	0x0040
QS_TIMER	0x0010
QUERYESCSUPPORT	8

R

R2_BLACK	1
R2_COPYPEN	13

R2_MASKNOTPEN	3
R2_MASKPEN	9
R2_MASKPENNOT	5
R2_MERGENOTPEN	12
R2_MERGEPEN	15
R2_MERGEPENNOT	14
R2_NOP	11
R2_NOT	6
R2_NOTCOPYPEN	4
R2_NOTMASKPEN	8
R2_NOTMERGEPEN	2
R2_NOTXORPEN	10
R2_WHITE	16
R2_XORPEN	7
RASTER_FONTTYPE	0x0001
RASTERCAPS	38
RC_BANDING	0x0002
RC_BIGFONT	0x0400
RC_BITBLT	0x0001
RC_BITMAP64	0x0008
RC_DEVBITS	0x8000
RC_DI_BITMAP	0x0080
RC_DIBTODEV	0x0200
RC_FLOODFILL	0x1000
RC_GDI20_OUTPUT	0x0010
RC_GDI20_STATE	0x0020
RC_NONE	
RC_OP_DX_OUTPUT	0x4000
RC_PALETTE	0x0100
RC_SAVEBITMAP	0x0040
RC_SCALING	0x0004
RC_STRETCHBLT	0x0800
RC_STRETCHDIB	0x2000
RDW_ALLCHILDREN	0x0080
RDW_ERASE	0x0004
RDW_ERASENOW	0x0200
RDW_FRAME	0x0400
RDW_INTERNALPAINT	0x0002
RDW_INVALIDATE	0x0001
RDW_NOCHILDREN	0x0040
RDW_NOERASE	0x0020
RDW_NOFRAME	0x0800
RDW_NOINTERNALPAINT	0x0010
RDW_UPDATENOW	0x0100
RDW_VALIDATE	0x0008
RESETDEV	7
RESTORE_CTM	4100
RT_ACCELERATOR	MAKEINTRESOURCE (9)
RT_BITMAP	MAKEINTRESOURCE (2)
RT_CURSOR	MAKEINTRESOURCE (1)
RT_DIALOG	MAKEINTRESOURCE (5)
RT_FONT	MAKEINTRESOURCE (8)
RT_FONTPATH	MAKEINTRESOURCE (7)
RT_GROUP_CURSOR	MAKEINTRESOURCE (12)
RT_GROUP_ICON	MAKEINTRESOURCE (14)
RT_ICON	MAKEINTRESOURCE (3)
RT_MENU	MAKEINTRESOURCE (4)
RT_RCDATA	MAKEINTRESOURCE (10)
RT_STRING	MAKEINTRESOURCE (6)

S

S_ALLTHRESHOLD	2
S_LEGATO	1
S_NORMAL	0
S_PERIOD1024	1
S_PERIOD2048	2
S_PERIOD512	0
S_PERIODVOICE	3
S_QUEUEEMPTY	0
S_SERBDNT	(-5)
S_SERDCC	(-7)
S_SERDDR	(-14)
S_SERDFQ	(-13)
S_SERDLN	(-6)
S_SERDMD	(-10)
S_SERDPT	(-12)
S_SERDSH	(-11)
S_SERDSR	(-15)
S_SERDST	(-16)
S_SERDTP	(-8)
S_SERDVL	(-9)
S_SERDVNA	(-1)
S_SERMACT	(-3)
S_SEROFM	(-2)
S_SERQFUL	(-4)
S_STACCATO	2
S_THRESHOLD	1
S_WHITE1024	5
S_WHITE2048	6
S_WHITE512	4
S_WHITEVOICE	7
SAVE_CTM	4101
SB_BOTH	3
SB_BOTTOM	7
SB_CTL	2
SB_ENDSCROLL	8
SB_HORZ	0
SB_LEFT	6
SB_LINEDOWN	1
SB_LINELEFT	0
SB_LINERIGHT	1
SB_LINEUP	0
SB_PAGEDOWN	3
SB_PAGELEFT	2
SB_PAGERIGHT	3
SB_PAGEUP	2
SB_RIGHT	7
SB_THUMBPOSITION	4
SB_THUMBTRACK	5
SB_TOP	6
SB_VERT	1
SBS_BOTTOMALIGN	0x0004L
SBS_HORZ	0x0000L
SBS_LEFTALIGN	0x0002L
SBS_RIGHTALIGN	0x0004L
SBS_SIZEBOX	0x0008L
SBS_SIZEBOXBOTTOMRIGHTALIGN	0x0004L
SBS_SIZEBOXTOPLEFTALIGN	0x0002L

SBS_TOPALIGN	0x0002L
SBS_VERT	0x0001L
SC_ARRANGE	0xF110
SC_CLOSE	0xF060
SC_HOTKEY	0xF150
SC_HSCROLL	0xF080
SC_KEYMENU	0xF100
SC_MAXIMIZE	0xF030
SC_MINIMIZE	0xF020
SC_MOUSEMENU	0xF090
SC_MOVE	0xF010
SC_NEXTWINDOW	0xF040
SC_PREVWINDOW	0xF050
SC_RESTORE	0xF120
SC_SCREENSAVE	0xF140
SC_SIZE	0xF000
SC_TASKLIST	0xF130
SC_VSCROLL	0xF070
SELECTPAPERSOURCE	18
SEM_FAILCRITICALERRORS	0x0001
SEM_NOGPFALTERRORBOX	0x0002
SEM_NOOPENFILEERRORBOX	0x8000
SET_ARC_DIRECTION	4102
SET_BACKGROUND_COLOR	4103
SET_BOUNDS	4109
SET_CLIP_BOX	4108
SET_POLY_MODE	4104
SET_SCREEN_ANGLE	4105
SET_SPREAD	4106
SETABORTPROC	9
SETALLJUSTVALUES	771
SETCHARSET	772
SETCOLORTABLE	4
SETCOPYCOUNT	17
SETDIBSCALING	32
SETDTR	5
SETKERNTRACK	770
SETLINECAP	21
SETLINEJOIN	22
SETMITERLIMIT	23
SETRTS	3
SETXOFF	1
SETXON	2
SHIFTJIS_CHARSET	128
SHOW_FULLSCREEN	3
SHOW_ICONWINDOW	2
SHOW_OPENNOACTIVATE	4
SHOW_OPENWINDOW	1
SIZE_MAXHIDE	4
SIZE_MAXIMIZED	2
SIZE_MAXSHOW	3
SIZE_MINIMIZED	1
SIZE_RESTORED	0
SIZEPALETTE	104
SM_CMETRICS	43
SM_CXBORDER	5
SM_CXCURSOR	13
SM_CXDLGFRAME	7
SM_CXDOUBLECLK	36

SM_CXFRAME	32
SM_CXFULLSCREEN	16
SM_CXHSCROLL	21
SM_CXHTHUMB	10
SM_CXICON	11
SM_CXICONSPACING	38
SM_CXMIN	28
SM_CXMINTRACK	34
SM_CXSCREEN	0
SM_CXSIZE	30
SM_CXVSCROLL	2
SM_CYBORDER	6
SM_CYCAPTION	4
SM_CYCURSOR	14
SM_CYDLGFRAME	8
SM_CYDOUBLECLK	37
SM_CYFRAME	33
SM_CYFULLSCREEN	17
SM_CYHSCROLL	3
SM_CYICON	12
SM_CYICONSPACING	39
SM_CYKANJIWINDOW	18
SM_CYMENU	15
SM_CYMIN	29
SM_CYMINTRACK	35
SM_CYSCREEN	1
SM_CYSIZE	31
SM_CYVSCROLL	20
SM_CYVTHUMB	9
SM_DBCSENABLED	42
SM_DEBUG	22
SM_MENUDROPALIGNMENT	40
SM_MOUSEPRESENT	19
SM_PENWINDOWS	41
SM_RESERVED1	24
SM_RESERVED2	25
SM_RESERVED3	26
SM_RESERVED4	27
SM_SWAPBUTTON	23
SP_APPABORT	(-2)
SP_ERROR	(-1)
SP_NOTREPORTED	0x4000
SP_OUTOFDISK	(-4)
SP_OUTOFMEMORY	(-5)
SP_USERABORT	(-3)
SPACEPARITY	4
SPI_GETBEEP	1
SPI_GETBORDER	5
SPI_GETFASTTASKSWITCH	35
SPI_GETGRIDGRANULARITY	18
SPI_GETICONTITLELOGFONT	31
SPI_GETICONTITLEWRAP	25
SPI_GETKEYBOARDDELAY	22
SPI_GETKEYBOARDSPEED	10
SPI_GETMENUDROPALIGNMENT	27
SPI_GETMOUSE	3
SPI_GETSCREENSAVEACTIVE	16
SPI_GETSCREENSAVETIMEOUT	14
SPI_ICONHORIZONTALSPACING	13

SPI_ICONVERTICALSPACING	24
SPI_LANGDRIVER	12
SPI_SETBEEP	2
SPI_SETBORDER	6
SPI_SETDESKPATTERN	21
SPI_SETDESKWALLPAPER	20
SPI_SETDOUBLECLICKTIME	32
SPI_SETDOUBLECLKHEIGHT	30
SPI_SETDOUBLECLKWIDTH	29
SPI_SETFASTTASKSWITCH	36
SPI_SETGRIDGRANULARITY	19
SPI_SETICONTITLELOGFONT	34
SPI_SETICONTITLEWRAP	26
SPI_SETKEYBOARDDELAY	23
SPI_SETKEYBOARDSPEED	11
SPI_SETMENUDROPALIGNMENT	28
SPI_SETMOUSE	4
SPI_SETMOUSEBUTTONSWAP	33
SPI_SETSCREENSAVEACTIVE	17
SPI_SETSCREENSAVETIMEOUT	15
SPIF_SENDWININICHANGE	0x0002
SPIF_UPDATEINIFILE	0x0001
SRCAND	0x008800C6L
SRCCOPY	0x00CC0020L
SRCERASE	0x00440328L
SRCINVERT	0x00660046L
SRCPAINT	0x00EE0086L
SS_BLACKFRAME	0x00000007L
SS_BLACKRECT	0x00000004L
SS_CENTER	0x00000001L
SS_GRAYFRAME	0x00000008L
SS_GRAYRECT	0x00000005L
SS_ICON	0x00000003L
SS_LEFT	0x00000000L
SS_LEFTNOWORDWRAP	0x0000000CL
SS_NOPREFIX	0x00000080L
SS_RIGHT	0x00000002L
SS_SIMPLE	0x0000000BL
SS_WHITEFRAME	0x00000009L
SS_WHITERECT	0x00000006L
STARTDOC	10
STM_GETICON	(WM_USER1)
STM_SETICON	(WM_USER0)
STRETCH_ANDSCANS	1
STRETCH_DELETESCANS	3
STRETCH_ORSCANS	2
STRETCHBLT	2048
SW_ERASE	0x0004
SW_HIDE	0
SW_INVALIDATE	0x0002
SW_MAXIMIZE	3
SW_MINIMIZE	6
SW_NORMAL	1
SW_OTHERMAXIMIZED	2
SW_OTHERRESTORED	4
SW_PARENTCLOSING	1
SW_PARENTOPENING	3
SW_RESTORE	9
SW_SCROLLCHILDREN	0x0001

SW_SHOW	5
SW_SHOWMAXIMIZED	3
SW_SHOWMINIMIZED	2
SW_SHOWMINNOACTIVE	7
SW_SHOWNA	8
SW_SHOWNOACTIVATE	4
SW_SHOWNORMAL	1
SWP_DEFERERASE	0x2000
SWP_DRAWFRAME	SWP_FRAMECHANGED
SWP_FRAMECHANGED	0x0020
SWP_HIDEWINDOW	0x0080
SWP_NOACTIVATE	0x0010
SWP_NOCOPYBITS	0x0100
SWP_NOMOVE	0x0002
SWP_NOOWNERZORDER	0x0200
SWP_NOREDRAW	0x0008
SWP_NOREPOSITION	SWP_NOOWNERZORDER
SWP_NOSENDCHANGING	0x0400
SWP_NOSIZE	0x0001
SWP_NOZORDER	0x0004
SWP_SHOWWINDOW	0x0040
SYMBOL_CHARSET	2
SYSPAL_NOSTATIC	2
SYSPAL_STATIC	1
SYSTEM_FIXED_FONT	16
SYSTEM_FONT	13

T - U

TA_BASELINE	0x0018
TA_BOTTOM	0x0008
TA_CENTER	0x0006
TA_LEFT	0x0000
TA_NOUPDATECP	0x0000
TA_RIGHT	0x0002
TA_TOP	0x0000
TA_UPDATECP	0x0001
TC_CP_STROKE	0x0004
TC_CR_90	0x0008
TC_CR_ANY	0x0010
TC_EA_DOUBLE	0x0200
TC_IA_ABLE	0x0400
TC_OP_CHARACTER	0x0001
TC_OP_STROKE	0x0002
TC_RA_ABLE	0x2000
TC_RESERVED	0x8000
TC_SA_CONTIN	0x0100
TC_SA_DOUBLE	0x0040
TC_SA_INTEGER	0x0080
TC_SF_X_YINDEP	0x0020
TC_SO_ABLE	0x1000
TC_UA_ABLE	0x0800
TC_VA_ABLE	0x4000
TECHNOLOGY	2
TEXTCAPS	34
TMPF_DEVICE	0x08
TMPF_FIXED_PITCH	0x01
TMPF_TRUETYPE	0x04
TMPF_VECTOR	0x02
TPM_CENTERALIGN	0x0004

TPM_LEFTALIGN	0x0000
TPM_LEFTBUTTON	0x0000
TPM_RIGHTALIGN	0x0008
TPM_RIGHTBUTTON	0x0002
TRANSFORM_CTM	4107
TRANSPARENT	1
TRUETYPE_FONTTYPE	0x0004
TT_AVAILABLE	0x0001
TT_ENABLED	0x0002
TT_POLYGON_TYPE	24
TT_PRIM_LINE	1
TT_PRIM_QSPLINE	2
TWOSTOPBITS	2

V

VARIABLE_PITCH	0x02
VERTRES	10
VERTSIZE	6
VK_ADD	0x6B
VK_BACK	0x08
VK_CANCEL	0x03
VK_CAPITAL	0x14
VK_CLEAR	0x0C
VK_CONTROL	0x11
VK_DECIMAL	0x6E
VK_DELETE	0x2E
VK_DIVIDE	0x6F
VK_DOWN	0x28
VK_END	0x23
VK_ESCAPE	0x1B
VK_EXECUTE	0x2B
VK_F1	0x70
VK_F10	0x79
VK_F11	0x7A
VK_F12	0x7B
VK_F13	0x7C
VK_F14	0x7D
VK_F15	0x7E
VK_F16	0x7F
VK_F17	0x80
VK_F18	0x81
VK_F19	0x82
VK_F2	0x71
VK_F20	0x83
VK_F21	0x84
VK_F22	0x85
VK_F23	0x86
VK_F24	0x87
VK_F3	0x72
VK_F4	0x73
VK_F5	0x74
VK_F6	0x75
VK_F7	0x76
VK_F8	0x77
VK_F9	0x78
VK_HELP	0x2F
VK_HOME	0x24
VK_INSERT	0x2D
VK_LBUTTON	0x01

VK_LEFT	0x25
VK_MBUTTON	0x04
VK_MENU	0x12
VK_MULTIPLY	0x6A
VK_NEXT	0x22
VK_NUMLOCK	0x90
VK_NUMPAD0	0x60
VK_NUMPAD1	0x61
VK_NUMPAD2	0x62
VK_NUMPAD3	0x63
VK_NUMPAD4	0x64
VK_NUMPAD5	0x65
VK_NUMPAD6	0x66
VK_NUMPAD7	0x67
VK_NUMPAD8	0x68
VK_NUMPAD9	0x69
VK_PAUSE	0x13
VK_PRINT	0x2A
VK_PRIOR	0x21
VK_RBUTTON	0x02
VK_RETURN	0x0D
VK_RIGHT	0x27
VK_SCROLL	0x91
VK_SELECT	0x29
VK_SEPARATOR	0x6C
VK_SHIFT	0x10
VK_SNAPSHOT	0x2C
VK_SPACE	0x20
VK_SUBTRACT	0x6D
VK_TAB	0x09
VK_UP	0x26

W - Z

WA_ACTIVE	1
WA_CLICKACTIVE	2
WA_INACTIVE	0
WB_ISDELIMITER	2
WB_LEFT	0
WB_RIGHT	1
WC_DIALOG	(MAKEINTATOM(0x8002))
WF_80x87	0x0400
WF_CPU086	0x0040
WF_CPU186	0x0080
WF_CPU286	0x0002
WF_CPU386	0x0004
WF_CPU486	0x0008
WF_ENHANCED	0x0020
WF_LARGEFRAME	0x0100
WF_PAGING	0x0800
WF_PMODE	0x0001
WF_SMALLFRAME	0x0200
WF_STANDARD	0x0010
WF_WIN286	0x0010
WF_WIN386	0x0020
WF_WLO	0x8000
WH_CALLWNDPROC	4
WH_GETMESSAGE	3
WH_KEYBOARD	2
WH_MSGFILTER	(-1)

WH_SYMSGFILTER	6
WHITE_BRUSH	0
WHITE_PEN	6
WHITENESS	0x00FF0062L
WHITEONBLACK	2
WM_ACTIVATE	0x0006
WM_ACTIVATEAPP	0x001C
WM_ASKCBFORMATNAME	0x030C
WM_CANCELMODE	0x001F
WM_CHANGEBCCHAIN	0x030D
WM_CHAR	0x0102
WM_CHARTOITEM	0x002F
WM_CHILDACTIVATE	0x0022
WM_CLEAR	0x0303
WM_CLOSE	0x0010
WM_COALESCE_FIRST	0x0390
WM_COALESCE_LAST	0x039F
WM_COMMAND	0x0111
WM_COMMNOTIFY	0x0044
WM_COMPACTING	0x0041
WM_COMPAREITEM	0x0039
WM_COPY	0x0301
WM_CREATE	0x0001
WM_CTLCOLOR	0x0019
WM_CUT	0x0300
WM_DEADCHAR	0x0103
WM_DELETEITEM	0x002D
WM_DESTROY	0x0002
WM_DESTROYCLIPBOARD	0x0307
WM_DEVMODECHANGE	0x001B
WM_DRAWCLIPBOARD	0x0308
WM_DRAWITEM	0x002B
WM_DROPFILES	0x0233
WM_ENABLE	0x000A
WM_ENDSESSION	0x0016
WM_ENTERIDLE	0x0121
WM_ERASEBKGD	0x0014
WM_FONTCHANGE	0x001D
WM_GETDLGCODE	0x0087
WM_GETFONT	0x0031
WM_GETMINMAXINFO	0x0024
WM_GETTEXT	0x000D
WM_GETTEXTLENGTH	0x000E
WM_HSCROLL	0x0114
WM_HSCROLLCLIPBOARD	0x030E
WM_ICONERASEBKGD	0x0027
WM_INITDIALOG	0x0110
WM_INITMENU	0x0116
WM_INITMENUPOPUP	0x0117
WM_KEYDOWN	0x0100
WM_KEYFIRST	0x0100
WM_KEYLAST	0x0108
WM_KEYUP	0x0101
WM_KILLFOCUS	0x0008
WM_LBUTTONDOWNCLK	0x0203
WM_LBUTTONDOWN	0x0201
WM_LBUTTONUP	0x0202
WM_MBUTTONDOWNCLK	0x0209
WM_MBUTTONDOWN	0x0207

WM_MBUTTONUP	0x0208
WM_MDIACTIVATE	0x0222
WM_MDICASCADE	0x0227
WM_MDICREATE	0x0220
WM_MDIDESTROY	0x0221
WM_MDIGETACTIVE	0x0229
WM_MDIICONARRANGE	0x0228
WM_MDIMAXIMIZE	0x0225
WM_MDINEXT	0x0224
WM_MDIRESTORE	0x0223
WM_MDISETMENU	0x0230
WM_MDITILE	0x0226
WM_MENUCHAR	0x0120
WM_MENUSELECT	0x011F
WM_MOUSEACTIVATE	0x0021
WM_MOUSEFIRST	0x0200
WM_MOUSELAST	0x0209
WM_MOUSEMOVE	0x0200
WM_MOVE	0x0003
WM_NCACTIVATE	0x0086
WM_NCCREATE	0x0081
WM_NCDESTROY	0x0082
WM_NCLBUTTONDBLCLK	0x00A3
WM_NCLBUTTONDOWN	0x00A1
WM_NCLBUTTONUP	0x00A2
WM_NCMBUTTONDBLCLK	0x00A9
WM_NCMBUTTONDOWN	0x00A7
WM_NCMBUTTONUP	0x00A8
WM_NCMOUSEMOVE	0x00A0
WM_NCRBUTTONDBLCLK	0x00A6
WM_NCRBUTTONDOWN	0x00A4
WM_NCRBUTTONUP	0x00A5
WM_NEXTDLGCTL	0x0028
WM_NULL	0x0000
WM_PAINT	0x000F
WM_PAINTCLIPBOARD	0x0309
WM_PALETTECHANGED	0x0311
WM_PALETTEISCHANGING	0x0310
WM_PARENTNOTIFY	0x0210
WM_PASTE	0x0302
WM_PENWINFIRST	0x0380
WM_PENWINLAST	0x038F
WM_POWER	0x0048
WM_QUERYDRAGICON	0x0037
WM_QUERYENDSESSION	0x0011
WM_QUERYNEWPALETTE	0x030F
WM_QUERYOPEN	0x0013
WM_QUIT	0x0012
WM_RBUTTONDBLCLK	0x0206
WM_RBUTTONDOWN	0x0204
WM_RBUTTONUP	0x0205
WM_RENDERALLFORMATS	0x0306
WM_RENDERFORMAT	0x0305
WM_SETCURSOR	0x0020
WM_SETFOCUS	0x0007
WM_SETFONT	0x0030
WM_SETREDRAW	0x000B
WM_SETTEXT	0x000C
WM_SHOWWINDOW	0x0018

WM_SIZE	0x0005
WM_SIZECLIPBOARD	0x030B
WM_SPOOLERSTATUS	0x002A
WM_SYSCHAR	0x0106
WM_SYSCOLORCHANGE	0x0015
WM_SYSDEADCHAR	0x0107
WM_SYSKEYDOWN	0x0104
WM_SYSKEYUP	0x0105
WM_SYSTEMERROR	0x0017
WM_TIMECHANGE	0x001E
WM_UNDO	0x0304
WM_USER	0x0400
WM_VKEYTOITEM	0x002E
WM_VSCROLL	0x0115
WM_VSCROLLCLIPBOARD	0x030A
WM_WINDOWPOSCHANGED	0x0047
WM_WINDOWPOSCHANGING	0x0046
WN_ACCESS_DENIED	0x0007
WN_ALREADY_CONNECTED	0x0034
WN_BAD_LOCALNAME	0x0033
WN_BAD_NETNAME	0x0032
WN_BAD_PASSWORD	0x0006
WN_BAD_POINTER	0x0004
WN_BAD_USER	0x000A
WN_BAD_VALUE	0x0005
WN_CANCEL	0x000C
WN_CONNECTION_CLOSED	0x0036
WN_CONTINUE	0x000D
WN_DEVICE_ERROR	0x0035
WN_FUNCTION_BUSY	0x0008
WN_MORE_DATA	0x0003
WN_NET_ERROR	0x0002
WN_NOT_CONNECTED	0x0030
WN_NOT_SUPPORTED	0x0001
WN_OPEN_FILES	0x0031
WN_OUT_OF_MEMORY	0x000B
WN_SUCCESS	0x0000
WN_WINDOWS_ERROR	0x0009
WPF_RESTORETOMAXIMIZED	0x0002
WPF_SETMINPOSITION	0x0001
WS_BORDER	0x00800000L
WS_CAPTION	0x00C00000L
WS_CHILD	0x40000000L
WS_CHILDWINDOW	(WS_CHILD)
WS_CLIPCHILDREN	0x02000000L
WS_CLIPSIBLINGS	0x04000000L
WS_DISABLED	0x08000000L
WS_DLGFAME	0x00400000L
WS_EX_ACCEPTFILES	0x00000010L
WS_EX_DLGMODALFRAME	0x00000001L
WS_EX_NOPARENTNOTIFY	0x00000004L
WS_EX_TOPMOST	0x00000008L
WS_EX_TRANSPARENT	0x00000020L
WS_GROUP	0x00020000L
WS_HSCROLL	0x00100000L
WS_ICONIC	WS_MINIMIZE
WS_MAXIMIZE	0x01000000L
WS_MAXIMIZEBOX	0x00010000L
WS_MINIMIZE	0x20000000L

WS_MINIMIZEBOX	0x00020000L
WS_OVERLAPPED	0x00000000L
WS_OVERLAPPEDWINDOW	(WS_OVERLAPPED WS_CAPTION WS_SYSMENU WS_THICKFRAME WS_MINIMIZEBOX WS_MAXIMIZEBOX)
WS_POPUP	0x80000000L
WS_POPUPWINDOW	(WS_POPUP WS_BORDER WS_SYSMENU)
WS_SIZEBOX	WS_THICKFRAME
WS_SYSMENU	0x00080000L
WS_TABSTOP	0x00010000L
WS_THICKFRAME	0x00040000L
WS_TILED	WS_OVERLAPPED
WS_TILEDWINDOW	WS_OVERLAPPEDWINDOW
WS_VISIBLE	0x10000000L
WS_VSCROLL	0x00200000L

Application termination

WM_QUERYENDSESSION	0x0011
WM_ENDSESSION	0x0016
WM_QUIT	0x0012
WM_SYSTEMERROR	0x0017

Bitmap support

Constants for the biCompression field

BI_RGB	0L
BI_RLE8	1L
BI_RLE4	2L

DIB color table identifiers

DIB_RGB_COLORS	0
DIB_PAL_COLORS	1

Constants for CreateDIBitmap

CBM_INIT	0x00000004L
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Binary raster ops

R2_BLACK	1
R2_NOTMERGEPEN	2
R2_MASKNOTPEN	3
R2_NOTCOPYPEN	4
R2_MASKPENNOT	5
R2_NOT	6
R2_XORPEN	7
R2_NOTMASKPEN	8
R2_MASKPEN	9
R2_NOTXORPEN	10
R2_NOP	11
R2_MERGENOTPEN	12
R2_COPYPEN	13
R2_MERGEENNOT	14
R2_MERGEEN	15
R2_WHITE	16

Ternary raster operations

SRCCOPY	0x00CC0020L
SRCPAINT	0x00EE0086L
SRCAND	0x008800C6L
SRCINVERT	0x00660046L
SRCERASE	0x00440328L
NOTSRCCOPY	0x00330008L
NOTSRCERASE	0x001100A6L
MERGECOPY	0x00C000CAL
MERGEPAINT	0x00BB0226L
PATCOPY	0x00F0021L
PATPAINT	0x00FB0A09L
PATINVERT	0x005A0049L
DSTINVERT	0x00550009L
BLACKNESS	0x00000042L
WHITENESS	0x00FF0062L

StretchBlt() modes

BLACKONWHITE	1
WHITEONBLACK	2
COLORONCOLOR	3

New StretchBlt() modes (simpler names)

STRETCH_ANDSCANS	1
STRETCH_ORSCANS	2
STRETCH_DELETESCANS	3

Button control

Button control styles

BS_PUSHBUTTON	0x00000000L
BS_DEFPUSHBUTTON	0x00000001L
BS_CHECKBOX	0x00000002L
BS_AUTOCHECKBOX	0x00000003L
BS_RADIOBUTTON	0x00000004L
BS_3STATE	0x00000005L
BS_AUTO3STATE	0x00000006L
BS_GROUPBOX	0x00000007L
BS_USERBUTTON	0x00000008L
BS_AUTORADIOBUTTON	0x00000009L
BS_OWNERDRAW	0x0000000BL
BS_LEFTTEXT	0x00000020L

Button control messages

BM_GETCHECK	(WM_USER0)
BM_SETCHECK	(WM_USER1)
BM_GETSTATE	(WM_USER2)
BM_SETSTATE	(WM_USER3)
BM_SETSTYLE	(WM_USER4)

User button notification codes

BN_CLICKED	0
BN_PAINT	1
BN_HILITE	2
BN_UNHILITE	3
BN_DISABLE	4
BN_DOUBLECLICKED	5

Clipboard manager

Predefined Clipboard formats

CF_TEXT	1
CF_BITMAP	2
CF_METAFILEPICT	3
CF_SYLK	4
CF_DIF	5
CF_TIFF	6
CF_OEMTEXT	7
CF_DIB	8
CF_PALETTE	9
CF_PENDATA	10
CF_RIFF	11
CF_WAVE	12
CF_OWNERDISPLAY	0x0080
CF_DSPTEXT	0x0081
CF_DSPBITMAP	0x0082
CF_DSPMETAFILEPICT	0x0083

"Private" formats don't get GlobalFree()'d

CF_PRIVATEFIRST	0x0200
CF_PRIVATELAST	0x02FF

"GDI OBJ" formats do get DeleteObject()'d

CF_GDIOBJFIRST	0x0300
CF_GDIOBJLAST	0x03FF

Clipboard command messages

WM_CUT	0x0300
WM_COPY	0x0301
WM_PASTE	0x0302
WM_CLEAR	0x0303
WM_UNDO	0x0304

Clipboard owner messages

WM_RENDERFORMAT	0x0305
WM_RENDERALLFORMATS	0x0306
WM_DESTROYCLIPBOARD	0x0307

Clipboard viewer messages

WM_DRAWCLIPBOARD	0x0308
WM_PAINTCLIPBOARD	0x0309
WM_SIZECLIPBOARD	0x030B
WM_VSCROLLCLIPBOARD	0x030A
WM_HSCROLLCLIPBOARD	0x030E
WM_ASKCBFORMATNAME	0x030C
WM_CHANGECHAIN	0x030D

Clipping support

FLOODFILLBORDER	0
FLOODFILLSURFACE	1

Color palette support

Palette entry flags

PC_RESERVED	0x01
PC_EXPLICIT	0x02
PC_NOCOLLAPSE	0x04

Get/SetSystemPaletteUse() values

SYPAL_STATIC	1
SYPAL_NOSTATIC	2

Palette window messages

WM_QUERYNEWPALETTE	0x030F
WM_PALETTEISCHANGING	0x0310
WM_PALETTECHANGED	0x0311

Color support

COLOR_SCROLLBAR	0
COLOR_BACKGROUND	1
COLOR_ACTIVECAPTION	2
COLOR_INACTIVECAPTION	3
COLOR_MENU	4
COLOR_WINDOW	5
COLOR_WINDOWFRAME	6
COLOR_MENUTEXT	7
COLOR_WINDOWTEXT	8
COLOR_CAPTIONTEXT	9
COLOR_ACTIVEBORDER	10
COLOR_INACTIVEBORDER	11
COLOR_APPWORKSPACE	12
COLOR_HIGHLIGHT	13
COLOR_HIGHLIGHTTEXT	14
COLOR_BTNFACE	15
COLOR_BTNSHADOW	16
COLOR_GRAYTEXT	17
COLOR_BTNTEXT	18
COLOR_INACTIVECAPTIONTEXT	19
COLOR_BTNHIGHLIGHT	20
WM_SYSCOLORCHANGE	0x0015

Comm port support

NOPARITY	0
ODDPARITY	1
EVENPARITY	2
MARKPARITY	3
SPACEPARITY	4
ONESTOPBIT	0
ONE5STOPBITS	1
TWOSTOPBITS	2
IGNORE	0
INFINITE	0xFFFF

Events

EV_RXCHAR	0x0001
EV_RXFLAG	0x0002
EV_TXEMPTY	0x0004
EV_CTS	0x0008
EV_DSR	0x0010
EV_RLSD	0x0020
EV_BREAK	0x0040
EV_ERR	0x0080
EV_RING	0x0100
EV_PERR	0x0200
EV_CTSS	0x0400
EV_DSRS	0x0800
EV_RLSDS	0x1000
EV_RingTe	0x2000
EV_RINGTE	EV_RingTe

Escape functions

SETXOFF	1
SETXON	2
SETRTS	3
CLRRTS	4
SETDTR	5
CLRDTR	6
RESETDEV	7
LPTx	0x80

New escape functions

GETMAXLPT	8
GETMAXCOM	9
GETBASEIRQ	10

Comm baud rate indices

CBR_110	0xFF10
CBR_300	0xFF11
CBR_600	0xFF12
CBR_1200	0xFF13
CBR_2400	0xFF14
CBR_4800	0xFF15
CBR_9600	0xFF16
CBR_14400	0xFF17
CBR_19200	0xFF18
CBR_38400	0xFF1B
CBR_56000	0xFF1F
CBR_128000	0xFF23
CBR_256000	0xFF27

Notifications passed in low word of IParam on WM_COMMNOTIFY messages

CN_RECEIVE	0x0001
CN_TRANSMIT	0x0002
CN_EVENT	0x0004
CSTF_CTS_HOLD	0x01
CSTF_DSR_HOLD	0x02

CSTF_RLSDHOLD	0x04
CSTF_XOFFHOLD	0x08
CSTF_XOFFSENT	0x10
CSTF_EOF	0x20
CSTF_TXIM	0x40
WM_COMMNOTIFY	0x0044

Device capabilities

Device parameters for GetDeviceCaps()

DRIVERVERSION	0
TECHNOLOGY	2
HORZSIZE	4
VERTSIZE	6
HORZRES	8
VERTRES	10
BITSPIXEL	12
PLANES	14
NUMBRUSHES	16
NUMPENS	18
NUMMARKERS	20
NUMFONTS	22
NUMCOLORS	24
PDEVICESIZE	26
CURVECAPS	28
LINECAPS	30
POLYGONALCAPS	32
TEXTCAPS	34
CLIPCAPS	36
RASTERCAPS	38
ASPECTX	40
ASPECTY	42
ASPECTXY	44
LOGPIXELSX	88
LOGPIXELSY	90
SIZEPALETTE	104
NUMRESERVED	106
COLORRES	108

CURVECAPS

CC_NONE	0x0000
CC_CIRCLES	0x0001
CC_PIE	0x0002
CC_CHORD	0x0004
CC_ELLIPSES	0x0008
CC_WIDE	0x0010
CC_STYLED	0x0020
CC_WIDESTYLED	0x0040
CC_INTERIORS	0x0080
CC_ROUNDRECT	0x0100

LINECAPS

LC_NONE	0x0000
LC_POLYLINE	0x0002
LC_MARKER	0x0004
LC_POLYMARKER	0x0008
LC_WIDE	0x0010
LC_STYLED	0x0020
LC_WIDESTYLED	0x0040
LC_INTERIORS	0x0080

POLYGONALCAPS

PC_NONE	0x0000
PC_POLYGON	0x0001
PC_RECTANGLE	0x0002
PC_WINDPOLYGON	0x0004
PC_SCANLINE	0x0008
PC_WIDE	0x0010
PC_STYLED	0x0020
PC_WIDESTYLED	0x0040
PC_INTERIORS	0x0080

TEXTCAPS

TC_OP_CHARACTER	0x0001
TC_OP_STROKE	0x0002
TC_CP_STROKE	0x0004
TC_CR_90	0x0008
TC_CR_ANY	0x0010
TC_SF_X_YINDEP	0x0020
TC_SA_DOUBLE	0x0040
TC_SA_INTEGER	0x0080
TC_SA_CONTIN	0x0100
TC_EA_DOUBLE	0x0200
TC_IA_ABLE	0x0400
TC_UA_ABLE	0x0800
TC_SO_ABLE	0x1000
TC_RA_ABLE	0x2000
TC_VA_ABLE	0x4000
TC_RESERVED	0x8000

CLIPCAPS

CP_NONE	0x0000
CP_RECTANGLE	0x0001
CP_REGION	0x0002

RASTERCAPS

RC_NONE	
RC_BITBLT	0x0001
RC_BANDING	0x0002
RC_SCALING	0x0004
RC_BITMAP64	0x0008
RC_GDI20_OUTPUT	0x0010
RC_GDI20_STATE	0x0020
RC_SAVEBITMAP	0x0040
RC_DI_BITMAP	0x0080
RC_PALETTE	0x0100
RC_DIBTODEV	0x0200
RC_BIGFONT	0x0400
RC_STRETCHBLT	0x0800
RC_FLOODFILL	0x1000
RC_STRETCHDIB	0x2000
RC_OP_DX_OUTPUT	0x4000
RC_DEVBITS	0x8000

Dialog and control management

WC_DIALOG (MAKEINTATOM(0x8002))
DLGWINDOWEXTRA 30

Dialog styles

DS_ABSALIGN 0x01L
DS_SYSMODAL 0x02L
DS_LOCALEEDIT 0x20L
DS_SETFONT 0x40L
DS_MODALFRAME 0x80L
DS_NOIDLEMSG 0x100L

Dialog messages

DM_GETDEFID (WM_USER0)
DM_SETDEFID (WM_USER1)
DC_HASDEFID 0x534B

Dialog notification messages

WM_INITDIALOG 0x0110
WM_NEXTDLGCTL 0x0028
WM_PARENTNOTIFY 0x0210
WM_ENTERIDLE 0x0121
DWL_MSGRESULT 0
DWL_DLGPROC 4
DWL_USER 8
WM_GETDLGCODE 0x0087

Dialog codes

DLGC_WANTARROWS 0x0001
DLGC_WANTTAB 0x0002
DLGC_WANTALLKEYS 0x0004
DLGC_WANTMESSAGE 0x0004
DLGC_HASSETSEL 0x0008
DLGC_DEFPUSHBUTTON 0x0010
DLGC_UNDEFPUSHBUTTON 0x0020
DLGC_RADIOBUTTON 0x0040
DLGC_WANTCHARS 0x0080
DLGC_STATIC 0x0100
DLGC_BUTTON 0x2000
WM_CTLCOLOR 0x0019

WM_CTLCOLOR control IDs

CTLCOLOR_MSGBOX 0
CTLCOLOR_EDIT 1
CTLCOLOR_LISTBOX 2
CTLCOLOR_BTN 3
CTLCOLOR_DLG 4
CTLCOLOR_SCROLLBAR 5
CTLCOLOR_STATIC 6
WM_SETFONT 0x0030
WM_GETFONT 0x0031

Standard dialog button IDs

IDOK 1
IDCANCEL 2
IDABORT 3
IDRETRY 4
IDIGNORE 5
IDYES 6
IDNO 7

Dialog directory support

DDL_READWRITE	0x0000
DDL_READONLY	0x0001
DDL_HIDDEN	0x0002
DDL_SYSTEM	0x0004
DDL_DIRECTORY	0x0010
DDL_ARCHIVE	0x0020
DDL_POSTMSGS	0x2000
DDL_DRIVES	0x4000
DDL_EXCLUSIVE	0x8000

Drag-and-drop support

WM_QUERYDRAGICON
WM_DROPFILES

0x0037
0x0233

Edit control

Edit control styles

ES_LEFT	0x00000000L
ES_CENTER	0x00000001L
ES_RIGHT	0x00000002L
ES_MULTILINE	0x00000004L
ES_UPPERCASE	0x00000008L
ES_LOWERCASE	0x00000010L
ES_PASSWORD	0x00000020L
ES_AUTOVSCROLL	0x00000040L
ES_AUTOHSCROLL	0x00000080L
ES_NOHIDESEL	0x00000100L
ES_OEMCONVERT	0x00000400L
ES_READONLY	0x00000800L
ES_WANTRETURN	0x00001000L

Edit control messages

EM_GETSEL	(WM_USER0)
EM_SETSEL	(WM_USER1)
EM_GETRECT	(WM_USER2)
EM_SETRECT	(WM_USER3)
EM_SETRECTNP	(WM_USER4)
EM_LINESCROLL	(WM_USER6)
EM_GETMODIFY	(WM_USER8)
EM_SETMODIFY	(WM_USER9)
EM_GETLINECOUNT	(WM_USER10)
EM_LINEINDEX	(WM_USER11)
EM_SETHANDLE	(WM_USER12)
EM_GETHANDLE	(WM_USER13)
EM_LINELENGTH	(WM_USER17)
EM_REPLACESEL	(WM_USER18)
EM_SETFONT	(WM_USER19)
EM_GETLINE	(WM_USER20)
EM_LIMITTEXT	(WM_USER21)
EM_CANUNDO	(WM_USER22)
EM_UNDO	(WM_USER23)
EM_FMTLINES	(WM_USER24)
EM_LINEFROMCHAR	(WM_USER25)
EM_SETWORDBREAK	(WM_USER26)
EM_SETTABSTOPS	(WM_USER27)
EM_SETPASSWORDCHAR	(WM_USER28)
EM_EMPTYUNDOBUFFER	(WM_USER29)
EM_GETFIRSTVISIBLELINE	(WM_USER30)
EM_SETREADONLY	(WM_USER31)
EM_SETWORDBREAKPROC	(WM_USER32)
EM_GETWORDBREAKPROC	(WM_USER33)
EM_GETPASSWORDCHAR	(WM_USER34)
WB_LEFT	0
WB_RIGHT	1
WB_ISDELIMITER	2

Edit control notification codes

EN_SETFOCUS	0x0100
EN_KILLFOCUS	0x0200
EN_CHANGE	0x0300
EN_UPDATE	0x0400
EN_ERRSPACE	0x0500
EN_MAXTEXT	0x0501
EN_HSCROLL	0x0601
EN_VSCROLL	0x0602

Exiting Windows

EW_RESTARTWINDOWS	0x42
EW_REBOOTSYSYEM	0x43
SetErrorMode() constants	
SEM_FAILCRITICALERRORS	0x0001
SEM_NOGPFALTERRORBOX	0x0002
SEM_NOOPENFILEERRORBOX	0x8000

File I/O

OF_READ	0x0000
OF_WRITE	0x0001
OF_READWRITE	0x0002
OF_SHARE_COMPAT	0x0000
OF_SHARE_EXCLUSIVE	0x0010
OF_SHARE_DENY_WRITE	0x0020
OF_SHARE_DENY_READ	0x0030
OF_SHARE_DENY_NONE	0x0040
OF_PARSE	0x0100
OF_DELETE	0x0200
OF_VERIFY	0x0400
OF_SEARCH	0x0400
OF_CANCEL	0x0800
OF_CREATE	0x1000
OF_PROMPT	0x2000
OF_EXIST	0x4000
OF_REOPEN	0x8000

Font support

Weight values

FW_DONTCARE	0
FW_THIN	100
FW_EXTRALIGHT	200
FW_LIGHT	300
FW_NORMAL	400
FW_MEDIUM	500
FW_SEMIBOLD	600
FW_BOLD	700
FW_EXTRABOLD	800
FW_HEAVY	900

CharSet values

ANSI_CHARSET	0
DEFAULT_CHARSET	1
SYMBOL_CHARSET	2
SHIFTJIS_CHARSET	128
HANGEUL_CHARSET	129
CHINESEBIG5_CHARSET	136
OEM_CHARSET	255

OutPrecision values

OUT_DEFAULT_PRECIS	0
OUT_STRING_PRECIS	1
OUT_CHARACTER_PRECIS	2
OUT_STROKE_PRECIS	3
OUT_TT_PRECIS	4
OUT_DEVICE_PRECIS	5
OUT_RASTER_PRECIS	6
OUT_TT_ONLY_PRECIS	7

ClipPrecision values

CLIP_DEFAULT_PRECIS	0x00
CLIP_CHARACTER_PRECIS	0x01
CLIP_STROKE_PRECIS	0x02
CLIP_MASK	0x0F
CLIP_LH_ANGLES	0x10
CLIP_TT_ALWAYS	0x20
CLIP_EMBEDDED	0x80

Quality values

DEFAULT_QUALITY	0
DRAFT_QUALITY	1
PROOF_QUALITY	2

PitchAndFamily pitch values (low 4 bits)

DEFAULT_PITCH	0x00
FIXED_PITCH	0x01
VARIABLE_PITCH	0x02

PitchAndFamily family values (high 4 bits)

FF_DONTCARE	0x00
FF_ROMAN	0x10
FF_SWISS	0x20
FF_MODERN	0x30
FF_SCRIPT	0x40
FF_DECORATIVE	0x50

Stock fonts for use with GetStockObject()

OEM_FIXED_FONT	10
ANSI_FIXED_FONT	11
ANSI_VAR_FONT	12
SYSTEM_FONT	13
DEVICE_DEFAULT_FONT	14
DEFAULT_PALETTE	15
SYSTEM_FIXED_FONT	16

ASPECT_FILTERING	0x00000001L
WM_FONTCHANGE	0x001D

tmPitchAndFamily values

TMPF_FIXED_PITCH	0x01
TMPF_VECTOR	0x02
TMPF_DEVICE	0x08
TMPF_TRUETYPE	0x04

ntmFlags field flags

NTM_REGULAR	0x00000040L
NTM_BOLD	0x00000020L
NTM_ITALIC	0x00000001L
LF_FULLFACESIZE	64

EnumFonts font type values

RASTER_FONTTYPE	0x0001
DEVICE_FONTTYPE	0x0002
TRUETYPE_FONTTYPE	0x0004

GetGlyphOutline constants

GGO_METRICS	0
GGO_BITMAP	1
GGO_NATIVE	2
TT_POLYGON_TYPE	24
TT_PRIM_LINE	1
TT_PRIM_QSPLINE	2

Bits defined in wFlags of RASTERIZER_STATUS

TT_AVAILABLE	0x0001
TT_ENABLED	0x0002

GDI escape support

NEWFRAME	1
ABORTDOC	2
NEXTBAND	3
SETCOLORTABLE	4
GETCOLORTABLE	5
FLUSHOUTPUT	6
DRAFTMODE	7
QUERYESCSUPPORT	8
SETABORTPROC	9
STARTDOC	10
ENDDOC	11
GETPHYSPPAGESIZE	12
GETPRINTINGOFFSET	13
GETSCALINGFACTOR	14
MFCOMMENT	15
GETPENWIDTH	16
SETCOPYCOUNT	17
SELECTPAPERSOURCE	18
DEVICEDATA	19
PASSTHROUGH	19
GETTECHNOLGY	20
GETTECHNOLOGY	20
SETLINECAP	21
SETLINEJOIN	22
SETMITERLIMIT	23
BANDINFO	24
DRAWPATTERNRECT	25
GETVECTORPENSIZE	26
GETVECTORBRUSHSIZE	27
ENABLEDUPLEX	28
GETSETPAPERBINS	29
GETSETPRINTORIENT	30
ENUMPAPERBINS	31
SETDIBSCALING	32
EPSPRINTING	33
ENUMPAPERMETRICS	34
GETSETPAPERMETRICS	35
POSTSCRIPT_DATA	37
POSTSCRIPT_IGNORE	38
MOUSETRAILS	39
GETEXTENDEDTEXTMETRICS	256
GETTEXTTABLE	257
GETPAIRKERNTABLE	258
GETTRACKERNTABLE	259
EXTTEXTOUT	512
GETFACENAME	513
ENABLERELATIEWIDTHS	768
ENABLEPAIRKERNING	769
SETKERNTRACK	770
SETALLJUSTVALUES	771
SETCHARSET	772
STRETCHBLT	2048
GETSETSCREENPARAMS	3072
BEGIN_PATH	4096
CLIP_TO_PATH	4097
END_PATH	4098
EXT_DEVICE_CAPS	4099
RESTORE_CTM	4100
SAVE_CTM	4101
SET_ARC_DIRECTION	4102
SET_BACKGROUND_COLOR	4103

SET_POLY_MODE	4104
SET_SCREEN_ANGLE	4105
SET_SPREAD	4106
TRANSFORM_CTM	4107
SET_CLIP_BOX	4108
SET_BOUNDS	4109

GDI object support

Pen styles

PS_SOLID	0
PS_DASH	1
PS_DOT	2
PS_DASHDOT	3
PS_DASHDOTDOT	4
PS_NULL	5
PS_INSIDEFRAME	6

Stock pens for use with GetStockObject();

WHITE_PEN	6
BLACK_PEN	7
NULL_PEN	8

Brush support

BS_SOLID	0
BS_NULL	1
BS_HOLLOW	BS_NULL
BS_HATCHED	2
BS_PATTERN	3
BS_INDEXED	4
BS_DIBPATTERN	5

Hatch styles

HS_HORIZONTAL	0
HS_VERTICAL	1
HS_FDIAGONAL	2
HS_BDIAGONAL	3
HS_CROSS	4
HS_DIAGCROSS	5

Stock brushes for use with GetStockObject()

WHITE_BRUSH	0
LTGRAY_BRUSH	1
GRAY_BRUSH	2
DKGRAY_BRUSH	3
BLACK_BRUSH	4
NULL_BRUSH	5
HOLLOW_BRUSH	NULL_BRUSH

Help support

HELP_CONTEXT	0x0001
HELP_QUIT	0x0002
HELP_INDEX	0x0003
HELP_CONTENTS	0x0003
HELP_HELPONHELP	0x0004
HELP_SETINDEX	0x0005
HELP_SETCONTENTS	0x0005
HELP_CONTEXTPOPUP	0x0008
HELP_FORCEFILE	0x0009
HELP_KEY	0x0101
HELP_COMMAND	0x0102
HELP_PARTIALKEY	0x0105
HELP_MULTIKY	0x0201
HELP_SETWINPOS	0x0203

Icon support

IDI_APPLICATION	MAKEINTRESOURCE (32512)
IDI_HAND	MAKEINTRESOURCE (32513)
IDI_QUESTION	MAKEINTRESOURCE (32514)
IDI_EXCLAMATION	MAKEINTRESOURCE (32515)
IDI_ASTERISK	MAKEINTRESOURCE (32516)

Keyboard input support

WM_SETFOCUS	0x0007
WM_KILLFOCUS	0x0008
WM_KEYDOWN	0x0100
WM_KEYUP	0x0101
WM_CHAR	0x0102
WM_DEADCHAR	0x0103
WM_SYSKEYDOWN	0x0104
WM_SYSKEYUP	0x0105
WM_SYSCHAR	0x0106
WM_SYSDEADCHAR	0x0107

Keyboard message range

WM_KEYFIRST	0x0100
WM_KEYLAST	0x0108
KF_EXTENDED	0x0100
KF_DLGMODE	0x0800
KF_MENU MODE	0x1000
KF_ALTDOWN	0x2000
KF_REPEAT	0x4000
KF_UP	0x8000

Virtual key codes

VK_LBUTTON	0x01
VK_RBUTTON	0x02
VK_CANCEL	0x03
VK_MBUTTON	0x04
VK_BACK	0x08
VK_TAB	0x09
VK_CLEAR	0x0C
VK_RETURN	0x0D
VK_SHIFT	0x10
VK_CONTROL	0x11
VK_MENU	0x12
VK_PAUSE	0x13
VK_CAPITAL	0x14
VK_ESCAPE	0x1B
VK_SPACE	0x20
VK_PRIOR	0x21
VK_NEXT	0x22
VK_END	0x23
VK_HOME	0x24
VK_LEFT	0x25
VK_UP	0x26
VK_RIGHT	0x27
VK_DOWN	0x28
VK_SELECT	0x29
VK_PRINT	0x2A
VK_EXECUTE	0x2B
VK_SNAPSHOT	0x2C
VK_INSERT	0x2D
VK_DELETE	0x2E
VK_HELP	0x2F
VK_NUMPAD0	0x60
VK_NUMPAD1	0x61
VK_NUMPAD2	0x62
VK_NUMPAD3	0x63
VK_NUMPAD4	0x64
VK_NUMPAD5	0x65
VK_NUMPAD6	0x66
VK_NUMPAD7	0x67
VK_NUMPAD8	0x68
VK_NUMPAD9	0x69

VK_MULTIPLY	0x6A
VK_ADD	0x6B
VK_SEPARATOR	0x6C
VK_SUBTRACT	0x6D
VK_DECIMAL	0x6E
VK_DIVIDE	0x6F
VK_F1	0x70
VK_F2	0x71
VK_F3	0x72
VK_F4	0x73
VK_F5	0x74
VK_F6	0x75
VK_F7	0x76
VK_F8	0x77
VK_F9	0x78
VK_F10	0x79
VK_F11	0x7A
VK_F12	0x7B
VK_F13	0x7C
VK_F14	0x7D
VK_F15	0x7E
VK_F16	0x7F
VK_F17	0x80
VK_F18	0x81
VK_F19	0x82
VK_F20	0x83
VK_F21	0x84
VK_F22	0x85
VK_F23	0x86
VK_F24	0x87
VK_NUMLOCK	0x90
VK_SCROLL	0x91

SetWindowsHook() keyboard hook

WH_KEYBOARD	2
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List box control

List box styles

LBS_NOTIFY	0x0001L
LBS_SORT	0x0002L
LBS_NOREDRA	0x0004L
LBS_MULTIPLESEL	0x0008L
LBS_OWNERDRAWFIXED	0x0010L
LBS_OWNERDRAWVARIABLE	0x0020L
LBS_HASSTRINGS	0x0040L
LBS_USETABSTOPS	0x0080L
LBS_NOINTEGRALHEIGHT	0x0100L
LBS_MULTICOLUMN	0x0200L
LBS_WANTKEYBOARDINPUT	0x0400L
LBS_EXTENDEDSEL	0x0800L
LBS_DISABLENOSCROLL	0x1000L
LBS_STANDARD	(LBS_NOTIFY LBS_SORT WS_VSCROLL WS_BORDER)

List box messages

LB_ADDSTRING	(WM_USER1)
LB_INSERTSTRING	(WM_USER2)
LB_DELETESTRING	(WM_USER3)
LB_RESETCONTENT	(WM_USER5)
LB_SETSEL	(WM_USER6)
LB_SETCURSEL	(WM_USER7)
LB_GETSEL	(WM_USER8)
LB_GETCURSEL	(WM_USER9)
LB_GETTEXT	(WM_USER10)
LB_GETTEXTLEN	(WM_USER11)
LB_GETCOUNT	(WM_USER12)
LB_SELECTSTRING	(WM_USER13)
LB_DIR	(WM_USER14)
LB_GETTOPINDEX	(WM_USER15)
LB_FINDSTRING	(WM_USER16)
LB_GETSELCOUNT	(WM_USER17)
LB_GETSELITEMS	(WM_USER18)
LB_SETTABSTOPS	(WM_USER19)
LB_GETHORIZONTALEXTENT	(WM_USER20)
LB_SETHORIZONTALEXTENT	(WM_USER21)
LB_SETCOLUMNWIDTH	(WM_USER22)
LB_SETTOPINDEX	(WM_USER24)
LB_GETITEMRECT	(WM_USER25)
LB_GETITEMDATA	(WM_USER26)
LB_SETITEMDATA	(WM_USER27)
LB_SELITEMRANGE	(WM_USER28)
LB_SETCARETINDEX	(WM_USER31)
LB_GETCARETINDEX	(WM_USER32)
LB_SETITEMHEIGHT	(WM_USER33)
LB_GETITEMHEIGHT	(WM_USER34)
LB_FINDSTRINGEXACT	(WM_USER35)

List box notification codes

LBN_ERRSPACE	(-2)
LBN_SELCHANGE	1
LBN_DBLCLK	2
LBN_SELCANCEL	3
LBN_SETFOCUS	4
LBN_KILLFOCUS	5

List box notification messages

WM_VKEYTOITEM	0x002E
WM_CHARTOITEM	0x002F

List box message return values

LB_OKAY	0
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LB_ERR	(-1)
LB_ERRSPACE	(-2)
LB_CTLCODE	0L

Main window support

WM_QUERYOPEN	0x0013
WM_CLOSE	0x0010
WM_GETMINMAXINFO	0x0024

Map modes

MM_TEXT	1
MM_LOMETRIC	2
MM_HIMETRIC	3
MM_LOENGLISH	4
MM_HIENGLISH	5
MM_TWIPS	6
MM_ISOTROPIC	7
MM_ANISOTROPIC	8

MDI support

WM_MDICREATE	0x0220
WM_MDIDESTROY	0x0221
WM_MDIACTIVATE	0x0222
WM_MDIRESTORE	0x0223
WM_MDIINEXT	0x0224
WM_MDIMAXIMIZE	0x0225
WM_MDTILE	0x0226
WM_MDICASCADE	0x0227
WM_MDIICONARRANGE	0x0228
WM_MDIGETACTIVE	0x0229
WM_MDISETMENU	0x0230
MDITILE_VERTICAL	0x0000
MDITILE_HORIZONTAL	0x0001
MDITILE_SKIPDISABLED	0x0002
WM_CHILDACTIVATE	0x0022

Memory management

Global memory flags

GMEM_FIXED	0x0000
GMEM_MOVEABLE	0x0002
GMEM_NOCOMPACT	0x0010
GMEM_NODISCARD	0x0020
GMEM_ZEROINIT	0x0040
GMEM_MODIFY	0x0080
GMEM_DISCARDABLE	0x0100
GMEM_NOT_BANKED	0x1000
GMEM_SHARE	0x2000
GMEM_DDESHARE	0x2000
GMEM_NOTIFY	0x4000

GlobalFlags return flags

GMEM_DISCARDED	0x4000
GMEM_LOCKCOUNT	0x00FF

Low system memory notification message

WM_COMPACTING	0x0041
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Local memory flags

LMEM_FIXED	0x0000
LMEM_MOVEABLE	0x0002
LMEM_NOCOMPACT	0x0010
LMEM_NODISCARD	0x0020
LMEM_ZEROINIT	0x0040
LMEM_MODIFY	0x0080
LMEM_DISCARDABLE	0x0F00

Menu support

MF_INSERT	0x0000
MF_CHANGE	0x0080
MF_APPEND	0x0100
MF_DELETE	0x0200
MF_REMOVE	0x1000

Menu flags for Add/Check/EnableMenuItem()

MF_BYCOMMAND	0x0000
MF_BYPOSITION	0x0400
MF_SEPARATOR	0x0800
MF_ENABLED	0x0000
MF_GRAYED	0x0001
MF_DISABLED	0x0002
MF_UNCHECKED	0x0000
MF_CHECKED	0x0008
MF_USECHECKBITMAPS	0x0200
MF_STRING	0x0000
MF_BITMAP	0x0004
MF_OWNERDRAW	0x0100
MF_POPUP	0x0010
MF_MENUBARBREAK	0x0020
MF_MENUBREAK	0x0040
MF_UNHILITE	0x0000
MF_HILITE	0x0080
MF_SYSMENU	0x2000
MF_HELP	0x4000
MF_MOUSESELECT	0x8000

Flags for TrackPopupMenu

TPM_LEFTBUTTON	0x0000
TPM_RIGHTBUTTON	0x0002
TPM_LEFTALIGN	0x0000
TPM_CENTERALIGN	0x0004
TPM_RIGHTALIGN	0x0008

Menu messages

WM_INITMENU	0x0116
WM_INITMENUPOPUP	0x0117
WM_MENUSELECT	0x011F
WM_MENUCHAR	0x0120

Menu and control command messages

WM_COMMAND	0x0111
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Message box support

MB_OK	0x0000
MB_OKCANCEL	0x0001
MB_ABORTRETRYIGNORE	0x0002
MB_YESNOCANCEL	0x0003
MB_YESNO	0x0004
MB_RETRYCANCEL	0x0005
MB_TYPEMASK	0x000F
MB_ICONHAND	0x0010
MB_ICONQUESTION	0x0020
MB_ICONEXCLAMATION	0x0030
MB_ICONASTERISK	0x0040
MB_ICONMASK	0x00F0
MB_ICONINFORMATION	MB_ICONASTERISK
MB_ICONSTOP	MB_ICONHAND
MB_DEFBUTTON1	0x0000
MB_DEFBUTTON2	0x0100
MB_DEFBUTTON3	0x0200
MB_DEFMASK	0x0F00
MB_APPLMODAL	0x0000
MB_SYSTEMMODAL	0x1000
MB_TASKMODAL	0x2000
MB_NOFOCUS	0x8000

Mode control

WM_CANCELMODE

0x001F

Mouse cursor support

IDC_ARROW	MAKEINTRESOURCE (32512)
IDC_IBEAM	MAKEINTRESOURCE (32513)
IDC_WAIT	MAKEINTRESOURCE (32514)
IDC_CROSS	MAKEINTRESOURCE (32515)
IDC_UPARROW	MAKEINTRESOURCE (32516)
IDC_SIZE	MAKEINTRESOURCE (32640)
IDC_ICON	MAKEINTRESOURCE (32641)
IDC_SIZENWSE	MAKEINTRESOURCE (32642)
IDC_SIZENESW	MAKEINTRESOURCE (32643)
IDC_SIZEWE	MAKEINTRESOURCE (32644)
IDC_SIZENS	MAKEINTRESOURCE (32645)
WM_SETCURSOR	0x0020

Mouse input support

Mouse input messages

WM_MOUSEMOVE	0x0200
WM_LBUTTONDOWN	0x0201
WM_LBUTTONUP	0x0202
WM_LBUTTONDOWNBLCLK	0x0203
WM_RBUTTONDOWN	0x0204
WM_RBUTTONUP	0x0205
WM_RBUTTONDOWNBLCLK	0x0206
WM_MBUTTONDOWN	0x0207
WM_MBUTTONUP	0x0208
WM_MBUTTONDOWNBLCLK	0x0209

Mouse input message range

WM_MOUSEFIRST	0x0200
WM_MOUSELAST	0x0209

Mouse message wParam key states

MK_LBUTTON	0x0001
MK_RBUTTON	0x0002
MK_SHIFT	0x0004
MK_CONTROL	0x0008
MK_MBUTTON	0x0010

Non-client mouse messages

WM_NCMOUSEMOVE	0x00A0
WM_NCLBUTTONDOWN	0x00A1
WM_NCLBUTTONUP	0x00A2
WM_NCLBUTTONDOWNBLCLK	0x00A3
WM_NCRBUTTONDOWN	0x00A4
WM_NCRBUTTONUP	0x00A5
WM_NCRBUTTONDOWNBLCLK	0x00A6
WM_NCMBUTTONDOWN	0x00A7
WM_NCMBUTTONUP	0x00A8
WM_NCMBUTTONDBLCLK	0x00A9

Mouse click activation support

WM_MOUSEACTIVATE	0x0021
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WM_MOUSEACTIVATE return codes

MA_ACTIVATE	1
MA_ACTIVATEANDEAT	2
MA_NOACTIVATE	3
MA_NOACTIVATEANDEAT	4

Network support

Errors

WN_SUCCESS	0x0000
WN_NOT_SUPPORTED	0x0001
WN_NET_ERROR	0x0002
WN_MORE_DATA	0x0003
WN_BAD_POINTER	0x0004
WN_BAD_VALUE	0x0005
WN_BAD_PASSWORD	0x0006
WN_ACCESS_DENIED	0x0007
WN_FUNCTION_BUSY	0x0008
WN_WINDOWS_ERROR	0x0009
WN_BAD_USER	0x000A
WN_OUT_OF_MEMORY	0x000B
WN_CANCEL	0x000C
WN_CONTINUE	0x000D

Connection errors

WN_NOT_CONNECTED	0x0030
WN_OPEN_FILES	0x0031
WN_BAD_NETNAME	0x0032
WN_BAD_LOCALNAME	0x0033
WN_ALREADY_CONNECTED	0x0034
WN_DEVICE_ERROR	0x0035
WN_CONNECTION_CLOSED	0x0036

Owner draw control support

Owner draw control types

ODT_MENU	1
ODT_LISTBOX	2
ODT_COMBOBOX	3
ODT_BUTTON	4

Owner draw actions

ODA_DRAWENTIRE	0x0001
ODA_SELECT	0x0002
ODA_FOCUS	0x0004

Owner draw state

ODS_SELECTED	0x0001
ODS_GRAYED	0x0002
ODS_DISABLED	0x0004
ODS_CHECKED	0x0008
ODS_FOCUS	0x0010
WM_DRAWITEM	0x002B
WM_DELETEITEM	0x002D
WM_COMPAREITEM	0x0039

Power management

WM_POWER	0x0048
PWR_OK	1
PWR_FAIL	(-1)
PWR_SUSPENDREQUEST	1
PWR_SUSPENDRESUME	2
PWR_CRITICALRESUME	3

Printing support

SP_NOTREPORTED	0x4000
SP_ERROR	(-1)
SP_APPABORT	(-2)
SP_USERABORT	(-3)
SP_OUTOFDISK	(-4)
SP_OUTOFMEMORY	(-5)
PR_JOBSTATUS	0x0000
WM_SPOOLERSTATUS	0x002A

Resource management

Predefined resource types

RT_CURSOR	MAKEINTRESOURCE (1)
RT_BITMAP	MAKEINTRESOURCE (2)
RT_ICON	MAKEINTRESOURCE (3)
RT_MENU	MAKEINTRESOURCE (4)
RT_DIALOG	MAKEINTRESOURCE (5)
RT_STRING	MAKEINTRESOURCE (6)
RT_FONTDIR	MAKEINTRESOURCE (7)
RT_FONT	MAKEINTRESOURCE (8)
RT_ACCELERATOR	MAKEINTRESOURCE (9)
RT_RCDATA	MAKEINTRESOURCE (10)
RT_GROUP_CURSOR	MAKEINTRESOURCE (12)
RT_GROUP_ICON	MAKEINTRESOURCE (14)

OEM resource ordinal numbers

OEM_CLOSE	32754
OEM_UPARROW	32753
OEM_DNARROW	32752
OEM_RGARROW	32751
OEM_LFARROW	32750
OEM_REDUCE	32749
OEM_ZOOM	32748
OEM_RESTORE	32747
OEM_REDUCED	32746
OEM_ZOOMD	32745
OEM_RESTORED	32744
OEM_UPARROWD	32743
OEM_DNARROWD	32742
OEM_RGARROWD	32741
OEM_LFARROWD	32740
OEM_MNARROW	32739
OEM_COMBO	32738
OEM_UPARROWI	32737
OEM_DNARROWI	32736
OEM_RGARROWI	32735
OEM_LFARROWI	32734
OEM_OLD_CLOSE	32767
OEM_SIZE	32766
OEM_OLD_UPARROW	32765
OEM_OLD_DNARROW	32764
OEM_OLD_RGARROW	32763
OEM_OLD_LFARROW	32762
OEM_BTFSIZE	32761
OEM_CHECK	32760
OEM_CHECKBOXES	32759
OEM_BTNCORNERS	32758
OEM_OLD_REDUCE	32757
OEM_OLD_ZOOM	32756
OEM_OLD_RESTORE	32755
OCR_NORMAL	32512
OCR_IBEAM	32513
OCR_WAIT	32514
OCR_CROSS	32515
OCR_UP	32516
OCR_SIZE	32640
OCR_ICON	32641
OCR_SIZENWSE	32642
OCR_SIZENESW	32643
OCR_SIZewe	32644
OCR_SIZENS	32645
OCR_SIZEALL	32646

OCR_ICOCUR	32647
OIC_SAMPLE	32512
OIC_HAND	32513
OIC_QUES	32514
OIC_BANG	32515
OIC_NOTE	32516

Scroll bar control

SBS_HORZ	0x0000L
SBS_VERT	0x0001L
SBS_TOPALIGN	0x0002L
SBS_LEFTALIGN	0x0002L
SBS_BOTTOMALIGN	0x0004L
SBS_RIGHTALIGN	0x0004L
SBS_SIZEBOXTOPLEFTALIGN	0x0002L
SBS_SIZEBOXBOTTOMRIGHTALIGN	0x0004L
SBS_SIZEBOX	0x0008L

Scroll bar support

WM_HSCROLL 0x0114
WM_VSCROLL 0x0115

WM_H/VSCROLL commands

SB_LINEUP 0
SB_LINELEFT 0
SB_LINEDOWN 1
SB_LINERIGHT 1
SB_PAGEUP 2
SB_PAGELEFT 2
SB_PAGEDOWN 3
SB_PAGERIGHT 3
SB_THUMBPOSITION 4
SB_THUMBTRACK 5
SB_TOP 6
SB_LEFT 6
SB_BOTTOM 7
SB_RIGHT 7
SB_ENDSCROLL 8

Scroll bar selection constants

SB_HORZ 0
SB_VERT 1
SB_CTL 2
SB_BOTH 3

EnableScrollBar() flags

ESB_ENABLE_BOTH 0x0000
ESB_DISABLE_BOTH 0x0003
ESB_DISABLE_LEFT 0x0001
ESB_DISABLE_RIGHT 0x0002
ESB_DISABLE_UP 0x0001
ESB_DISABLE_DOWN 0x0002

Sound support

SetSoundNoise() sources

S_PERIOD512	0
S_PERIOD1024	1
S_PERIOD2048	2
S_PERIODVOICE	3
S_WHITE512	4
S_WHITE1024	5
S_WHITE2048	6
S_WHITEVOICE	7

WaitSoundState() constants

S_QUEUEEMPTY	0
S_THRESHOLD	1
S_ALLTHRESHOLD	2

Accent modes

S_NORMAL	0
S_LEGATO	1
S_STACCATO	2

Error return values

S_SERDVNA	(-1)
S_SEROFM	(-2)
S_SERMACT	(-3)
S_SERQFUL	(-4)
S_SERBDNT	(-5)
S_SERDLN	(-6)
S_SERDCC	(-7)
S_SERDTP	(-8)
S_SERDVL	(-9)
S_SERDMD	(-10)
S_SERDSH	(-11)
S_SERDPT	(-12)
S_SERDFQ	(-13)
S_SERDDR	(-14)
S_SERDSR	(-15)
S_SERDST	(-16)

Static control

Static control styles

SS_LEFT	0x00000000L
SS_CENTER	0x00000001L
SS_RIGHT	0x00000002L
SS_ICON	0x00000003L
SS_BLACKRECT	0x00000004L
SS_GRAYRECT	0x00000005L
SS_WHITERECT	0x00000006L
SS_BLACKFRAME	0x00000007L
SS_GRAYFRAME	0x00000008L
SS_WHITEFRAME	0x00000009L
SS_SIMPLE	0x0000000BL
SS_LEFTNOWORDWRAP	0x0000000CL
SS_NOPREFIX	0x000000080L
STM_SETICON	(WM_USER0)
STM_GETICON	(WM_USER1)

System information

GFSR_SYSTEMRESOURCES	0x0000
GFSR_GDIRESOURCES	0x0001
GFSR_USERRESOURCES	0x0002
WF_80x87	0x0400
WF_CPU086	0x0040
WF_CPU186	0x0080
WF_CPU286	0x0002
WF_CPU386	0x0004
WF_CPU486	0x0008
WF_ENHANCED	0x0020
WF_LARGEFRAME	0x0100
WF_PAGING	0x0800
WF_PMODE	0x0001
WF_SMALLFRAME	0x0200
WF_STANDARD	0x0010
WF_WIN286	0x0010
WF_WIN386	0x0020
WF_WLO	0x8000

System menu command values

SC_SIZE	0xF000
SC_MOVE	0xF010
SC_MINIMIZE	0xF020
SC_MAXIMIZE	0xF030
SC_NEXTWINDOW	0xF040
SC_PREVWINDOW	0xF050
SC_CLOSE	0xF060
SC_VSCROLL	0xF070
SC_HSCROLL	0xF080
SC_MOUSEMENU	0xF090
SC_KEYMENU	0xF100
SC_ARRANGE	0xF110
SC_RESTORE	0xF120
SC_TASKLIST	0xF130
SC_SCREENSAVE	0xF140
SC_HOTKEY	0xF150

System metrics

SM_CXSCREEN	0
SM_CYSCREEN	1
SM_CXVSCROLL	2
SM_CXHSCROLL	3
SM_CYCAPTION	4
SM_CXBORDER	5
SM_CYBORDER	6
SM_CXDLGFRAME	7
SM_CYDLGFRAME	8
SM_CYVTHUMB	9
SM_CXHTHUMB	10
SM_CXICON	11
SM_CYICON	12
SM_CXCURSOR	13
SM_CYCURSOR	14
SM_CYMENU	15
SM_CXFULLSCREEN	16
SM_CYFULLSCREEN	17
SM_CYKANJIWINDOW	18
SM_MOUSEPRESENT	19
SM_CYVSCROLL	20
SM_CXHSCROLL	21
SM_DEBUG	22
SM_SWAPBUTTON	23
SM_RESERVED1	24
SM_RESERVED2	25
SM_RESERVED3	26
SM_RESERVED4	27
SM_CXMIN	28
SM_CYMIN	29
SM_CXSIZE	30
SM_CYSIZE	31
SM_CXFRAME	32
SM_CYFRAME	33
SM_CXMINTRACK	34
SM_CYMINTRACK	35
SM_CXDOUBLECLK	36
SM_CYDOUBLECLK	37
SM_CXICONSPACING	38
SM_CYICONSPACING	39
SM_MENUDROPALIGNMENT	40
SM_PENWINDOWS	41
SM_DBCSENABLED	42
SM_CMETRICS	43
WM_DEVMODECHANGE	0x001B
WM_TIMECHANGE	0x001E

System parameters support

SPI_GETBEEP	1
SPI_SETBEEP	2
SPI_GETMOUSE	3
SPI_SETMOUSE	4
SPI_GETBORDER	5
SPI_SETBORDER	6
SPI_GETKEYBOARDSPEED	10
SPI_SETKEYBOARDSPEED	11
SPI_LANGDRIVER	12
SPI_ICONHORIZONTALSPACING	13
SPI_GETSCREENSAVETIMEOUT	14
SPI_SETSCREENSAVETIMEOUT	15
SPI_GETSCREENSAVEACTIVE	16
SPI_SETSCREENSAVEACTIVE	17
SPI_GETGRIDGRANULARITY	18
SPI_SETGRIDGRANULARITY	19
SPI_SETDESKWALLPAPER	20
SPI_SETDESKPATTERN	21
SPI_GETKEYBOARDDELAY	22
SPI_SETKEYBOARDDELAY	23
SPI_ICONVERTICALSPACING	24
SPI_GETICONTITLEWRAP	25
SPI_SETICONTITLEWRAP	26
SPI_GETMENUDROPALIGNMENT	27
SPI_SETMENUDROPALIGNMENT	28
SPI_SETDOUBLECLKWIDTH	29
SPI_SETDOUBLECLKHEIGHT	30
SPI_GETICONTITLELOGFONT	31
SPI_SETDOUBLECLICKTIME	32
SPI_SETMOUSEBUTTONSWAP	33
SPI_SETICONTITLELOGFONT	34
SPI_GETFASTTASKSWITCH	35
SPI_SETFASTTASKSWITCH	36
SPIF_UPDATEINIFILE	0x0001
SPIF_SENDWININICHANGE	0x0002

Text support

ETO_GRAYED	0x0001
ETO_OPAQUE	0x0002
ETO_CLIPPED	0x0004

DrawText() format flags

DT_TOP	0x0000
DT_LEFT	0x0000
DT_CENTER	0x0001
DT_RIGHT	0x0002
DT_VCENTER	0x0004
DT_BOTTOM	0x0008
DT_WORDBREAK	0x0010
DT_SINGLELINE	0x0020
DT_EXPANDTABS	0x0040
DT_TABSTOP	0x0080
DT_NOCLIP	0x0100
DT_EXTERNALLEADING	0x0200
DT_CALCRECT	0x0400
DT_NOPREFIX	0x0800
DT_INTERNAL	0x1000

Background modes

TRANSPARENT	1
OPAQUE	2

Text alignment options

TA_NOUPDATECP	0x0000
TA_UPDATECP	0x0001
TA_LEFT	0x0000
TA_RIGHT	0x0002
TA_CENTER	0x0006
TA_TOP	0x0000
TA_BOTTOM	0x0008
TA_BASELINE	0x0018

Window activation

WA_INACTIVE	0
WA_ACTIVE	1
WA_CLICKACTIVE	2
WM_ACTIVATE	0x0006
WM_ACTIVATEAPP	0x001C
WM_NCACTIVATE	0x0086

Window class management

Class styles

CS_VREDRAW	0x0001
CS_HREDRAW	0x0002
CS_OWNDC	0x0020
CS_CLASSDC	0x0040
CS_PARENTDC	0x0080
CS_SAVEBITS	0x0800
CS_DBLCLKS	0x0008
CS_BYTEALIGNCLIENT	0x1000
CS_BYTEALIGNWINDOW	0x2000
CS_NOCLOSE	0x0200
CS_KEYCVTWINDOW	0x0004
CS_NOKEYCVT	0x0100
CS_GLOBALCLASS	0x4000

Class field offsets for GetClassLong() and GetClassWord()

GCL_MENUNAME	(-8)
GCW_HBRBACKGROUND	(-10)
GCW_HCURSOR	(-12)
GCW_HICON	(-14)
GCW_HMODULE	(-16)
GCW_CBWNDEXTRA	(-18)
GCW_CBCLSEXTRA	(-20)
GCL_WNDPROC	(-24)
GCW_STYLE	(-26)
GCW_ATOM	(-32)

Window create/destroy

Basic window types

WS_OVERLAPPED	0x00000000L
WS_POPUP	0x80000000L
WS_CHILD	0x40000000L

Clipping styles

WS_CLIPSIBLINGS	0x04000000L
WS_CLIPCHILDREN	0x02000000L

Generic window states

WS_VISIBLE	0x10000000L
WS_DISABLED	0x08000000L

Main window states

WS_MINIMIZE	0x20000000L
WS_MAXIMIZE	0x01000000L

Main window styles

WS_CAPTION	0x00C00000L
WS_BORDER	0x00800000L
WS_DLGFRAE	0x00400000L
WS_VSCROLL	0x00200000L
WS_HSCROLL	0x00100000L
WS_SYSMENU	0x00080000L
WS_THICKFRAME	0x00040000L
WS_MINIMIZEBOX	0x00020000L
WS_MAXIMIZEBOX	0x00010000L

Control window styles

WS_GROUP	0x00020000L
WS_TABSTOP	0x00010000L

Common window styles

WS_OVERLAPPEDWINDOW	(WS_OVERLAPPED WS_CAPTION WS_SYSMENU WS_THICKFRAME WS_MINIMIZEBOX WS_MAXIMIZEBOX)
WS_POPUPWINDOW	(WS_POPUP WS_BORDER WS_SYSMENU)
WS_CHILDWINDOW	(WS_CHILD)

Extended window styles

WS_EX_DLGMODALFRAME	0x00000001L
WS_EX_NOPARENTNOTIFY	0x00000004L
WS_EX_TOPMOST	0x00000008L
WS_EX_ACCEPTFILES	0x00000010L
WS_EX_TRANSPARENT	0x00000020L

Obsolete style names

WS_TILED	WS_OVERLAPPED
WS_ICONIC	WS_MINIMIZE
WS_SIZEBOX	WS_THICKFRAME
WS_TILEDWINDOW	WS_OVERLAPPEDWINDOW

Special value for CreateWindow, et al.

HWND_DESKTOP	((HWND) 0)
WM_CREATE	0x0001
WM_NCCREATE	0x0081
WM_DESTROY	0x0002
WM_NCDESTROY	0x0082
SW_HIDE	0
SW_SHOWNORMAL	1
SW_NORMAL	1
SW_SHOWMINIMIZED	2
SW_SHOWMAXIMIZED	3
SW_MAXIMIZE	3
SW_SHOWNOACTIVATE	4
SW_SHOW	5
SW_MINIMIZE	6
SW_SHOWMINNOACTIVE	7

SW_SHOWNA	8
SW_RESTORE	9

Obsolete ShowWindow() command names

HIDE_WINDOW	0
SHOW_OPENWINDOW	1
SHOW_ICONWINDOW	2
SHOW_FULLSCREEN	3
SHOW_OPENNOACTIVATE	4

WM_SHOWWINDOW wParam codes

WM_SHOWWINDOW	0x0018
SW_PARENTCLOSING	1
SW_OTHERMAXIMIZED	2
SW_PARENTOPENING	3
SW_OTHERRESTORED	4
WM_SETREDRAW	0x000B
WM_ENABLE	0x000A
WM_SETTEXT	0x000C
WM_GETTEXT	0x000D
WM_GETTEXTLENGTH	0x000E
GWL_WNDPROC	(-4)
GWW_HINSTANCE	(-6)
GWW_HWNDPARENT	(-8)
GWW_ID	(-12)
GWL_STYLE	(-16)
GWL_EXSTYLE	(-20)

Window drawing support

DCX_WINDOW	0x00000001L
DCX_CACHE	0x00000002L
DCX_CLIPCHILDREN	0x00000008L
DCX_CLIPSIBLINGS	0x00000010L
DCX_PARENTCLIP	0x00000020L
DCX_EXCLUDERGN	0x00000040L
DCX_INTERSECTRGN	0x00000080L
DCX_LOCKWINDOWUPDATE	0x00000400L
DCX_USESTYLE	0x00010000L

Window message support

WM_NULL	0x0000
WM_USER	0x0400

PeekMessage() options

PM_NOREMOVE	0x0000
PM_REMOVE	0x0001
PM_NOYIELD	0x0002

GetQueueStatus flags

QS_KEY	0x0001
QS_MOUSEMOVE	0x0002
QS_MOUSEBUTTON	0x0004
QS_MOUSE	(QS_MOUSEMOVE QS_MOUSEBUTTON)
QS_POSTMESSAGE	0x0008
QS_TIMER	0x0010
QS_PAINT	0x0020
QS_SENDMESSAGE	0x0040
QS_ALLINPUT	0x007f
WH_GETMESSAGE	3
WH_CALLWNDPROC	4
WH_MSGFILTER	(-1)
WH_SYSMSGFILTER	6

CallMsgFilter()

MSGF_DIALOGBOX	0
MSGF_MENU	2
MSGF_MOVE	3
MSGF_SIZE	4
MSGF_SCROLLBAR	5
MSGF_NEXTWINDOW	6
MSGF_MAINLOOP	8
MSGF_USER	4096

PenWindows specific messages

WM_PENWINFIRST	0x0380
WM_PENWINLAST	0x038F

Coalescing messages

WM_COALESCE_FIRST	0x0390
WM_COALESCE_LAST	0x039F

Window query and enumeration

GW_HWNDFIRST	0
GW_HWNDLAST	1
GW_HWNDNEXT	2
GW_HWNDPREV	3
GW_OWNER	4
GW_CHILD	5

Window repainting

WM_PAINT	0x000F
WM_ERASEBKGND	0x0014
WM_ICONERASEBKGND	0x0027
RDW_INVALIDATE	0x0001
RDW_INTERNALPAINT	0x0002
RDW_ERASE	0x0004
RDW_VALIDATE	0x0008
RDW_NOINTERNALPAINT	0x0010
RDW_NOERASE	0x0020
RDW_NOCHILDREN	0x0040
RDW_ALLCHILDREN	0x0080
RDW_UPDATENOW	0x0100
RDW_ERASENOW	0x0200
RDW_FRAME	0x0400
RDW_NOFRAME	0x0800

Window scrolling

SW_SCROLLCHILDREN	0x0001
SW_INVALIDATE	0x0002
SW_ERASE	0x0004

Window size, position, Z-order, and visibility

CW_USEDEFAULT	0x8000
WPF_SETMINPOSITION	0x0001
WPF_RESTORETOMAXIMIZED	0x0002

SetWindowPos() and WINDOWPOS flags

SWP_NOSIZE	0x0001
SWP_NOMOVE	0x0002
SWP_NOZORDER	0x0004
SWP_NOREDRA	0x0008
SWP_NOACTIVATE	0x0010
SWP_FRAMECHANGED	0x0020
SWP_SHOWWINDOW	0x0040
SWP_HIDEWINDOW	0x0080
SWP_NOCOPYBITS	0x0100
SWP_NOOWNERZORDER	0x0200
SWP_DRAWFRAME	SWP_FRAMECHANGED
SWP_NOREPOSITION	SWP_NOOWNERZORDER
SWP_NOSENDCHANGING	0x0400
SWP_DEFERERASE	0x2000

SetWindowPos() hwndInsertAfter field values

HWND_TOP	((HWND)0)
HWND_BOTTOM	((HWND)1)
HWND_TOPMOST	((HWND)-1)
HWND_NOTOPMOST	((HWND)-2)
WM_WINDOWPOSCHANGING	0x0046
WM_WINDOWPOSCHANGED	0x0047
WM_MOVE	0x0003
WM_SIZE	0x0005

WM_SIZE message wParam values

SIZE_RESTORED	0
SIZE_MINIMIZED	1
SIZE_MAXIMIZED	2
SIZE_MAXSHOW	3
SIZE_MAXHIDE	4

