Visual Basic 3.0 Global Constant File.

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About This Help File

This help file is a direct translation of the **"Constant.TXT"** file, that is installed along with Visual Basic 3.0.   This file is freeware.   All portions are Copyrighted by Microsoft Corporation.

I would welcome any comments about this help file.   You can contact me via Compuserve mail or the Compuserve VB forum.

Rick Thorp   July 20, 1993
[72077,1701]

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Clipboard formats

```
Global Const CF_LINK = &HBF00
Global Const CF_TEXT = 1
Global Const CF_BITMAP = 2
Global Const CF_METAFILE = 3
Global Const CF_DIB = 8
Global Const CF_PALETTE = 9
```

DragOver

```
Global Const ENTER = 0
Global Const LEAVE = 1
Global Const OVER = 2
```

Drag (controls)

```
Global Const CANCEL = 0
Global Const BEGIN_DRAG = 1
Global Const END_DRAG = 2
```

Show parameters

```
Global Const MODAL = 1
Global Const MODELESS = 0
```

Arrange Method for MDI Forms

```
Global Const CASCADE = 0
Global Const TILE_HORIZONTAL = 1
Global Const TILE_VERTICAL = 2
Global Const ARRANGE_ICONS = 3
```

ZOrder Method

```
Global Const BRINGTOFRONT = 0
Global Const SENDTOBACK = 1
```

Key Codes

```
Global Const KEY_LBUTTON = &H1
Global Const KEY_RBUTTON = &H2
Global Const KEY_CANCEL = &H3
Global Const KEY_MBUTTON = &H4      ' NOT contiguous with L & RBUTTON
Global Const KEY_BACK = &H8
Global Const KEY_TAB = &H9
Global Const KEY_CLEAR = &HC
Global Const KEY_RETURN = &HD
Global Const KEY_SHIFT = &H10
Global Const KEY_CONTROL = &H11
Global Const KEY_MENU = &H12
Global Const KEY_PAUSE = &H13
Global Const KEY_CAPITAL = &H14
Global Const KEY_ESCAPE = &H1B
Global Const KEY_SPACE = &H20
Global Const KEY_PRIOR = &H21
Global Const KEY_NEXT = &H22
Global Const KEY_END = &H23
Global Const KEY_HOME = &H24
Global Const KEY_LEFT = &H25
Global Const KEY_UP = &H26
Global Const KEY_RIGHT = &H27
Global Const KEY_DOWN = &H28
Global Const KEY_SELECT = &H29
Global Const KEY_PRINT = &H2A
Global Const KEY_EXECUTE = &H2B
Global Const KEY_SNAPSHOT = &H2C
Global Const KEY_INSERT = &H2D
Global Const KEY_DELETE = &H2E
Global Const KEY_HELP = &H2F
' KEY_A thru KEY_Z are the same as their ASCII equivalents: 'A' thru 'Z'
' KEY_0 thru KEY_9 are the same as their ASCII equivalents: '0' thru '9'
Global Const KEY_NUMPAD0 = &H60
Global Const KEY_NUMPAD1 = &H61
Global Const KEY_NUMPAD2 = &H62
Global Const KEY_NUMPAD3 = &H63
Global Const KEY_NUMPAD4 = &H64
Global Const KEY_NUMPAD5 = &H65
Global Const KEY_NUMPAD6 = &H66
Global Const KEY_NUMPAD7 = &H67
Global Const KEY_NUMPAD8 = &H68
Global Const KEY_NUMPAD9 = &H69
Global Const KEY_MULTIPLY = &H6A
Global Const KEY_ADD = &H6B
Global Const KEY_SEPARATOR = &H6C
Global Const KEY_SUBTRACT = &H6D
Global Const KEY_DECIMAL = &H6E
Global Const KEY_DIVIDE = &H6F
Global Const KEY_F1 = &H70
Global Const KEY_F2 = &H71
Global Const KEY_F3 = &H72
Global Const KEY_F4 = &H73
Global Const KEY_F5 = &H74
Global Const KEY_F6 = &H75
Global Const KEY_F7 = &H76
```

```
Global Const KEY_F8 = &H77
Global Const KEY_F9 = &H78
Global Const KEY_F10 = &H79
Global Const KEY_F11 = &H7A
Global Const KEY_F12 = &H7B
Global Const KEY_F13 = &H7C
Global Const KEY_F14 = &H7D
Global Const KEY_F15 = &H7E
Global Const KEY_F16 = &H7F
Global Const KEY_NUMLOCK = &H90
```

Variant VarType tags

```
Global Const V_EMPTY = 0
Global Const V_NULL = 1
Global Const V_INTEGER = 2
Global Const V_LONG = 3
Global Const V_SINGLE = 4
Global Const V_DOUBLE = 5
Global Const V_CURRENCY = 6
Global Const V_DATE = 7
Global Const V_STRING = 8
```

ErrNum (LinkError)

```
Global Const WRONG_FORMAT = 1
Global Const DDE_SOURCE_CLOSED = 6
Global Const TOO_MANY_LINKS = 7
Global Const DATA_TRANSFER_FAILED = 8
```

QueryUnload

```
Global Const FORM_CONTROLMENU = 0
Global Const FORM_CODE = 1
Global Const APP_WINDOWS = 2
Global Const APP_TASKMANAGER = 3
Global Const FORM_MDIFORM = 4
```

Colors

```
Global Const BLACK = &H0&
Global Const RED = &HFF&
Global Const GREEN = &HFF00&
Global Const YELLOW = &HFFFF&
Global Const BLUE = &HFF0000
Global Const MAGENTA = &HFF00FF
Global Const CYAN = &HFFFF00
Global Const WHITE = &HFFFFFF
```

System Colors

```
Global Const SCROLL_BARS = &H80000000              ' Scroll-bars gray area.
Global Const DESKTOP = &H80000001                  ' Desktop.
Global Const ACTIVE_TITLE_BAR = &H80000002         ' Active window caption.
Global Const INACTIVE_TITLE_BAR = &H80000003       ' Inactive window caption.
Global Const MENU_BAR = &H80000004                 ' Menu background.
Global Const WINDOW_BACKGROUND = &H80000005        ' Window background.
Global Const WINDOW_FRAME = &H80000006             ' Window frame.
Global Const MENU_TEXT = &H80000007                ' Text in menus.
Global Const WINDOW_TEXT = &H80000008              ' Text in windows.
Global Const TITLE_BAR_TEXT = &H80000009           ' Text in caption, size box, scroll-bar arrow
box..
Global Const ACTIVE_BORDER = &H8000000A            ' Active window border.
Global Const INACTIVE_BORDER = &H8000000B          ' Inactive window border.
Global Const APPLICATION_WORKSPACE = &H8000000C    ' Background color of multiple document
interface (MDI) applications.
Global Const HIGHLIGHT = &H8000000D                ' Items selected item in a control.
Global Const HIGHLIGHT_TEXT = &H8000000E           ' Text of item selected in a control.
Global Const BUTTON_FACE = &H8000000F              ' Face shading on command buttons.
Global Const BUTTON_SHADOW = &H80000010            ' Edge shading on command buttons.
Global Const GRAY_TEXT = &H80000011                ' Grayed (disabled) text.  This color is set to
0 if the current display driver does not support a solid gray color.
Global Const BUTTON_TEXT = &H80000012              ' Text on push buttons.
```

Align (picture box)

```
Global Const NONE = 0
Global Const ALIGN_TOP = 1
Global Const ALIGN_BOTTOM = 2
```

Alignment

```
Global Const LEFT_JUSTIFY = 0   ' 0 - Left Justify
Global Const RIGHT_JUSTIFY = 1  ' 1 - Right Justify
Global Const CENTER = 2         ' 2 - Center
```

BorderStyle (form)

```
'Global Const NONE = 0           ' 0 - None
Global Const FIXED_SINGLE = 1    ' 1 - Fixed Single
Global Const SIZABLE = 2         ' 2 - Sizable (Forms only)
Global Const FIXED_DOUBLE = 3    ' 3 - Fixed Double (Forms only)
```

BorderStyle (Shape and Line)

```
'Global Const TRANSPARENT = 0     '0 - Transparent
'Global Const SOLID = 1           '1 - Solid
'Global Const DASH = 2           ' 2 - Dash
'Global Const DOT = 3            ' 3 - Dot
'Global Const DASH_DOT = 4       ' 4 - Dash-Dot
'Global Const DASH_DOT_DOT = 5 ' 5 - Dash-Dot-Dot
'Global Const INSIDE_SOLID = 6 ' 6 - Inside Solid
```

MousePointer

```
Global Const DEFAULT = 0           ' 0 - Default
Global Const ARROW = 1             ' 1 - Arrow
Global Const CROSSHAIR = 2         ' 2 - Cross
Global Const IBEAM = 3             ' 3 - I-Beam
Global Const ICON_POINTER = 4      ' 4 - Icon
Global Const SIZE_POINTER = 5      ' 5 - Size
Global Const SIZE_NE_SW = 6        ' 6 - Size NE SW
Global Const SIZE_N_S = 7          ' 7 - Size N S
Global Const SIZE_NW_SE = 8        ' 8 - Size NW SE
Global Const SIZE_W_E = 9          ' 9 - Size W E
Global Const UP_ARROW = 10         ' 10 - Up Arrow
Global Const HOURGLASS = 11        ' 11 - Hourglass
Global Const NO_DROP = 12          ' 12 - No drop
```

DragMode

```
Global Const MANUAL = 0     ' 0 - Manual
Global Const AUTOMATIC = 1 ' 1 - Automatic
```

DrawMode

```
Global Const BLACKNESS = 1        ' 1 - Blackness
Global Const NOT_MERGE_PEN = 2    ' 2 - Not Merge Pen
Global Const MASK_NOT_PEN = 3     ' 3 - Mask Not Pen
Global Const NOT_COPY_PEN = 4     ' 4 - Not Copy Pen
Global Const MASK_PEN_NOT = 5     ' 5 - Mask Pen Not
Global Const INVERT = 6           ' 6 - Invert
Global Const XOR_PEN = 7          ' 7 - Xor Pen
Global Const NOT_MASK_PEN = 8     ' 8 - Not Mask Pen
Global Const MASK_PEN = 9         ' 9 - Mask Pen
Global Const NOT_XOR_PEN = 10     ' 10 - Not Xor Pen
Global Const NOP = 11             ' 11 - Nop
Global Const MERGE_NOT_PEN = 12   ' 12 - Merge Not Pen
Global Const COPY_PEN = 13        ' 13 - Copy Pen
Global Const MERGE_PEN_NOT = 14   ' 14 - Merge Pen Not
Global Const MERGE_PEN = 15       ' 15 - Merge Pen
Global Const WHITENESS = 16       ' 16 - Whiteness
```

DrawStyle

```
Global Const SOLID = 0          ' 0 - Solid
Global Const DASH = 1           ' 1 - Dash
Global Const DOT = 2            ' 2 - Dot
Global Const DASH_DOT = 3       ' 3 - Dash-Dot
Global Const DASH_DOT_DOT = 4 ' 4 - Dash-Dot-Dot
Global Const INVISIBLE = 5     ' 5 - Invisible
Global Const INSIDE_SOLID = 6 ' 6 - Inside Solid
```

FillStyle

```
' Global Const SOLID = 0              ' 0 - Solid
Global Const TRANSPARENT = 1          ' 1 - Transparent
Global Const HORIZONTAL_LINE = 2      ' 2 - Horizontal Line
Global Const VERTICAL_LINE = 3        ' 3 - Vertical Line
Global Const UPWARD_DIAGONAL = 4      ' 4 - Upward Diagonal
Global Const DOWNWARD_DIAGONAL = 5    ' 5 - Downward Diagonal
Global Const CROSS = 6                ' 6 - Cross
Global Const DIAGONAL_CROSS = 7       ' 7 - Diagonal Cross
```

LinkMode (forms and controls)

```
' Global Const NONE = 0              ' 0 - None
Global Const LINK_SOURCE = 1     ' 1 - Source (forms only)
Global Const LINK_AUTOMATIC = 1 ' 1 - Automatic (controls only)
Global Const LINK_MANUAL = 2     ' 2 - Manual (controls only)
Global Const LINK_NOTIFY = 3      ' 3 - Notify (controls only)
```

VB1.0 LinkMode

'Note: kept for   compatibility, use new constants instead

```
Global Const HOT = 1     ' 1 - Hot (controls only)
Global Const SERVER = 1 ' 1 - Server (forms only)
Global Const COLD = 2    ' 2 - Cold (controls only)
```

ScaleMode

```
Global Const USER = 0           ' 0 - User
Global Const TWIPS = 1          ' 1 - Twip
Global Const POINTS = 2         ' 2 - Point
Global Const PIXELS = 3         ' 3 - Pixel
Global Const CHARACTERS = 4     ' 4 - Character
Global Const INCHES = 5         ' 5 - Inch
Global Const MILLIMETERS = 6    ' 6 - Millimeter
Global Const CENTIMETERS = 7    ' 7 - Centimeter
```

ScrollBar

```
' Global Const NONE     = 0 ' 0 - None
Global Const HORIZONTAL = 1 ' 1 - Horizontal
Global Const VERTICAL = 2   ' 2 - Vertical
Global Const BOTH = 3       ' 3 - Both
```

Shape

```
Global Const SHAPE_RECTANGLE = 0
Global Const SHAPE_SQUARE = 1
Global Const SHAPE_OVAL = 2
Global Const SHAPE_CIRCLE = 3
Global Const SHAPE_ROUNDED_RECTANGLE = 4
Global Const SHAPE_ROUNDED_SQUARE = 5
```

WindowState

```
Global Const NORMAL = 0      ' 0 - Normal
Global Const MINIMIZED = 1 ' 1 - Minimized
Global Const MAXIMIZED = 2 ' 2 - Maximized
```

Check Value

```
Global Const UNCHECKED = 0 ' 0 - Unchecked
Global Const CHECKED = 1   ' 1 - Checked
Global Const GRAYED = 2    ' 2 - Grayed
```

Shift parameter masks

Global Const SHIFT_MASK = 1
Global Const CTRL_MASK = 2
Global Const ALT_MASK = 4

Button parameter masks

Global Const LEFT_BUTTON = 1
Global Const RIGHT_BUTTON = 2
Global Const MIDDLE_BUTTON = 4

MsgBox parameters

```
Global Const MB_OK = 0                    ' OK button only
Global Const MB_OKCANCEL = 1              ' OK and Cancel buttons
Global Const MB_ABORTRETRYIGNORE = 2     ' Abort, Retry, and Ignore buttons
Global Const MB_YESNOCANCEL = 3           ' Yes, No, and Cancel buttons
Global Const MB_YESNO = 4                 ' Yes and No buttons
Global Const MB_RETRYCANCEL = 5           ' Retry and Cancel buttons
Global Const MB_ICONSTOP = 16             ' Critical message
Global Const MB_ICONQUESTION = 32         ' Warning query
Global Const MB_ICONEXCLAMATION = 48     ' Warning message
Global Const MB_ICONINFORMATION = 64     ' Information message
Global Const MB_APPLMODAL = 0             ' Application Modal Message Box
Global Const MB_DEFBUTTON1 = 0            ' First button is default
Global Const MB_DEFBUTTON2 = 256          ' Second button is default
Global Const MB_DEFBUTTON3 = 512          ' Third button is default
Global Const MB_SYSTEMMODAL = 4096        'System Modal
```

MsgBox return values

Global Const IDOK = 1   ' OK button pressed
Global Const IDCANCEL = 2   ' Cancel button pressed
Global Const IDABORT = 3   ' Abort button pressed
Global Const IDRETRY = 4   ' Retry button pressed
Global Const IDIGNORE = 5   ' Ignore button pressed
Global Const IDYES = 6   ' Yes button pressed
Global Const IDNO = 7   ' No button pressed

SetAttr, Dir, GetAttr functions

Global Const ATTR_NORMAL = 0
Global Const ATTR_READONLY = 1
Global Const ATTR_HIDDEN = 2
Global Const ATTR_SYSTEM = 4
Global Const ATTR_VOLUME = 8
Global Const ATTR_DIRECTORY = 16
Global Const ATTR_ARCHIVE = 32

Grid

```
'ColAlignment,FixedAlignment Properties
Global Const GRID_ALIGNLEFT = 0
Global Const GRID_ALIGNRIGHT = 1
Global Const GRID_ALIGNCENTER = 2
```

 Fillstyle Property

```
Global Const GRID_SINGLE = 0
Global Const GRID_REPEAT = 1
```

Data control

'Error event Response arguments

```
Global Const DATA_ERRCONTINUE = 0
Global Const DATA_ERRDISPLAY = 1
```

Editmode property values

```
Global Const DATA_EDITNONE = 0
Global Const DATA_EDITMODE = 1
Global Const DATA_EDITADD = 2
```

Options property values

```
Global Const DATA_DENYWRITE = &H1
Global Const DATA_DENYREAD = &H2
Global Const DATA_READONLY = &H4
Global Const DATA_APPENDONLY = &H8
Global Const DATA_INCONSISTENT = &H10
Global Const DATA_CONSISTENT = &H20
Global Const DATA_SQLPASSTHROUGH = &H40
```

Validate event Action arguments

```
Global Const DATA_ACTIONCANCEL = 0
Global Const DATA_ACTIONMOVEFIRST = 1
Global Const DATA_ACTIONMOVEPREVIOUS = 2
Global Const DATA_ACTIONMOVENEXT = 3
Global Const DATA_ACTIONMOVELAST = 4
Global Const DATA_ACTIONADDNEW = 5
Global Const DATA_ACTIONUPDATE = 6
Global Const DATA_ACTIONDELETE = 7
Global Const DATA_ACTIONFIND = 8
Global Const DATA_ACTIONBOOKMARK = 9
Global Const DATA_ACTIONCLOSE = 10
Global Const DATA_ACTIONUNLOAD = 11
```

Actions

```
Global Const OLE_CREATE_EMBED = 0
Global Const OLE_CREATE_NEW = 0            'from ole1 control
Global Const OLE_CREATE_LINK = 1
Global Const OLE_CREATE_FROM_FILE = 1      'from ole1 control
Global Const OLE_COPY = 4
Global Const OLE_PASTE = 5
Global Const OLE_UPDATE = 6
Global Const OLE_ACTIVATE = 7
Global Const OLE_CLOSE = 9
Global Const OLE_DELETE = 10
Global Const OLE_SAVE_TO_FILE = 11
Global Const OLE_READ_FROM_FILE = 12
Global Const OLE_INSERT_OBJ_DLG = 14
Global Const OLE_PASTE_SPECIAL_DLG = 15
Global Const OLE_FETCH_VERBS = 17
Global Const OLE_SAVE_TO_OLE1FILE = 18
```

OLEType

```
Global Const OLE_LINKED = 0
Global Const OLE_EMBEDDED = 1
Global Const OLE_NONE = 3
```

OLETypeAllowed

```
Global Const OLE_EITHER = 2
```

UpdateOptions

```
Global Const OLE_AUTOMATIC = 0
Global Const OLE_FROZEN = 1
Global Const OLE_MANUAL = 2
```

AutoActivate modes

Note that OLE_ACTIVATE_GETFOCUS only applies to objects that support "inside-out" activation.   See related Verb notes below.

```
Global Const OLE_ACTIVATE_MANUAL = 0
Global Const OLE_ACTIVATE_GETFOCUS = 1
Global Const OLE_ACTIVATE_DOUBLECLICK = 2
```

SizeModes

```
Global Const OLE_SIZE_CLIP = 0
Global Const OLE_SIZE_STRETCH = 1
Global Const OLE_SIZE_AUTOSIZE = 2
```

DisplayTypes

```
Global Const OLE_DISPLAY_CONTENT = 0
Global Const OLE_DISPLAY_ICON = 1
```

Update Event Constants

```
Global Const OLE_CHANGED = 0
Global Const OLE_SAVED = 1
Global Const OLE_CLOSED = 2
Global Const OLE_RENAMED = 3
```

Special Verb Values

```
Global Const VERB_PRIMARY = 0
Global Const VERB_SHOW = -1
Global Const VERB_OPEN = -2
Global Const VERB_HIDE = -3
Global Const VERB_INPLACEUIACTIVATE = -4
Global Const VERB_INPLACEACTIVATE = -5
```

The last two verbs are for objects that support "inside-out" activation, 'meaning they can be edited in-place, and that they support being left 'in-place-active even when the input focus moves to another control or form.   These objects actually have 2 levels of being active.   "InPlace Active"   means that the object is ready for the user to click inside it and start 'working with it.   "In-Place UI-Active" means that, in addition, if the object has any other UI associated with it, such as floating palette windows, 'that those windows are visible and ready for use.   Any number of objects can be "In-Place Active" at a time, although only one can be "InPlace UI-Active".

You can cause an object to move to either one of states programmatically by setting the Verb property to the appropriate verb and setting

```
'Action=OLE_ACTIVATE.
```

Also, if you set

```
AutoActivate = OLE_ACTIVATE_GETFOCUS
```

the server will 'automatically be put into "InPlace UI-Active" state when the user clicks on or tabs into the control.

VerbFlag Bit Masks

```
Global Const VERBFLAG_GRAYED = &H1
Global Const VERBFLAG_DISABLED = &H2
Global Const VERBFLAG_CHECKED = &H8
Global Const VERBFLAG_SEPARATOR = &H800
```

MiscFlag Bits

Or these together as desired for special behaviors

'MEMSTORAGE causes the control to use memory to store the object while it is loaded.   This is faster than the default (disk-tempfile),   but can consume a lot of memory for objects whose data takes up a lot of space, such as the bitmap for a paint program.

```
Global Const OLE_MISCFLAG_MEMSTORAGE = &H1
```

DISABLEINPLACE overrides the control's default behavior of allowing in-place activation for objects that support it.   If you are having problems activating an object inplace, you can force it to always activate in a separate window by setting this bit

```
Global Const OLE_MISCFLAG_DISABLEINPLACE = &H2
```

Action Property

```
Global Const DLG_FILE_OPEN = 1
Global Const DLG_FILE_SAVE = 2
Global Const DLG_COLOR = 3
Global Const DLG_FONT = 4
Global Const DLG_PRINT = 5
Global Const DLG_HELP = 6
```

File Open/Save Dialog Flags

```
Global Const OFN_READONLY = &H1&
Global Const OFN_OVERWRITEPROMPT = &H2&
Global Const OFN_HIDEREADONLY = &H4&
Global Const OFN_NOCHANGEDIR = &H8&
Global Const OFN_SHOWHELP = &H10&
Global Const OFN_NOVALIDATE = &H100&
Global Const OFN_ALLOWMULTISELECT = &H200&
Global Const OFN_EXTENSIONDIFFERENT = &H400&
Global Const OFN_PATHMUSTEXIST = &H800&
Global Const OFN_FILEMUSTEXIST = &H1000&
Global Const OFN_CREATEPROMPT = &H2000&
Global Const OFN_SHAREAWARE = &H4000&
Global Const OFN_NOREADONLYRETURN = &H8000&
```

Color Dialog Flags

```
Global Const CC_RGBINIT = &H1&
Global Const CC_FULLOPEN = &H2&
Global Const CC_PREVENTFULLOPEN = &H4&
Global Const CC_SHOWHELP = &H8&
```

Fonts Dialog Flags

```
Global Const CF_SCREENFONTS = &H1&
Global Const CF_PRINTERFONTS = &H2&
Global Const CF_BOTH = &H3&
Global Const CF_SHOWHELP = &H4&
Global Const CF_INITTOLOGFONTSTRUCT = &H40&
Global Const CF_USESTYLE = &H80&
Global Const CF_EFFECTS = &H100&
Global Const CF_APPLY = &H200&
Global Const CF_ANSIONLY = &H400&
Global Const CF_NOVECTORFONTS = &H800&
Global Const CF_NOSIMULATIONS = &H1000&
Global Const CF_LIMITSIZE = &H2000&
Global Const CF_FIXEDPITCHONLY = &H4000&
Global Const CF_WYSIWYG = &H8000&          'must also have CF_SCREENFONTS &
CF_PRINTERFONTS
Global Const CF_FORCEFONTEXIST = &H10000
Global Const CF_SCALABLEONLY = &H20000
Global Const CF_TTONLY = &H40000
Global Const CF_NOFACESEL = &H80000
Global Const CF_NOSTYLESEL = &H100000
Global Const CF_NOSIZESEL = &H200000
```

Printer Dialog Flags

```
Global Const PD_ALLPAGES = &H0&
Global Const PD_SELECTION = &H1&
Global Const PD_PAGENUMS = &H2&
Global Const PD_NOSELECTION = &H4&
Global Const PD_NOPAGENUMS = &H8&
Global Const PD_COLLATE = &H10&
Global Const PD_PRINTTOFILE = &H20&
Global Const PD_PRINTSETUP = &H40&
Global Const PD_NOWARNING = &H80&
Global Const PD_RETURNDC = &H100&
Global Const PD_RETURNIC = &H200&
Global Const PD_RETURNDEFAULT = &H400&
Global Const PD_SHOWHELP = &H800&
Global Const PD_USEDEVMODECOPIES = &H40000
Global Const PD_DISABLEPRINTTOFILE = &H80000
Global Const PD_HIDEPRINTTOFILE = &H100000
```

Help Constants

```
Global Const HELP_CONTEXT = &H1          'Display topic in ulTopic
Global Const HELP_QUIT = &H2             'Terminate help
Global Const HELP_INDEX = &H3            'Display index
Global Const HELP_CONTENTS = &H3
Global Const HELP_HELPONHELP = &H4       'Display help on using help
Global Const HELP_SETINDEX = &H5         'Set the current Index for multi
index help
Global Const HELP_SETCONTENTS = &H5
Global Const HELP_CONTEXTPOPUP = &H8
Global Const HELP_FORCEFILE = &H9
Global Const HELP_KEY = &H101            'Display topic for keyword in
offabData
Global Const HELP_COMMAND = &H102
Global Const HELP_PARTIALKEY = &H105     'call the search engine in winhelp
```

Error Constants

```
Global Const CDERR_DIALOGFAILURE = -32768
Global Const CDERR_GENERALCODES =&H7FFF
Global Const CDERR_STRUCTSIZE = &H7FFE
Global Const CDERR_INITIALIZATION = &H7FFD
Global Const CDERR_NOTEMPLATE = &H7FFC
Global Const CDERR_NOHINSTANCE = &H7FFB
Global Const CDERR_LOADSTRFAILURE = &H7FFA
Global Const CDERR_FINDRESFAILURE = &H7FF9
Global Const CDERR_LOADRESFAILURE = &H7FF8
Global Const CDERR_LOCKRESFAILURE = &H7FF7
Global Const CDERR_MEMALLOCFAILURE = &H7FF6
Global Const CDERR_MEMLOCKFAILURE = &H7FF5
Global Const CDERR_NOHOOK = &H7FF4
```

CMDIALOG.VBX

```
Global Const CDERR_CANCEL = &H7FF3
Global Const CDERR_NODLL = &H7FF2
Global Const CDERR_ERRPROC = &H7FF1
Global Const CDERR_ALLOC = &H7FF0
Global Const CDERR_HELP = &H7FEF
Global Const PDERR_PRINTERCODES = &H6FFF
Global Const PDERR_SETUPFAILURE = &H6FFE
Global Const PDERR_PARSEFAILURE = &H6FFD
Global Const PDERR_RETDEFFAILURE = &H6FFC
Global Const PDERR_LOADDRVFAILURE = &H6FFB
Global Const PDERR_GETDEVMODEFAIL = &H6FFA
Global Const PDERR_INITFAILURE = &H6FF9
Global Const PDERR_NODEVICES = &H6FF8
Global Const PDERR_NODEFAULTPRN = &H6FF7
Global Const PDERR_DNDMMISMATCH = &H6FF6
Global Const PDERR_CREATEICFAILURE = &H6FF5
Global Const PDERR_PRINTERNOTFOUND = &H6FF4
Global Const CFERR_CHOOSEFONTCODES = &H5FFF
Global Const CFERR_NOFONTS = &H5FFE
Global Const FNERR_FILENAMECODES = &H4FFF
Global Const FNERR_SUBCLASSFAILURE = &H4FFE
Global Const FNERR_INVALIDFILENAME = &H4FFD
Global Const FNERR_BUFFERTOOSMALL = &H4FFC
Global Const FRERR_FINDREPLACECODES = &H3FFF
Global Const CCERR_CHOOSECOLORCODES = &H2FFF
```

Alignment (Check Box)

```
Global Const SSCB_TEXT_RIGHT = 0        '0 - Text to the right
Global Const SSCB_TEXT_LEFT = 1         '1 - Text to the left
```

Alignment (Option Button)

```
Global Const SSOB_TEXT_RIGHT = 0        '0 - Text to the right
Global Const SSOB_TEXT_LEFT = 1         '1 - Text to the left
```

Alignment (Frame)

```
Global Const SSFR_LEFT_JUSTIFY = 0        '0 - Left justify text
Global Const SSFR_RIGHT_JUSTIFY = 1       '1 - Right justify text
Global Const SSFR_CENTER = 2              '2 - Center text
```

Alignment (Panel)

```
Global Const SSPN_LEFT_TOP = 0          '0 - Text to left and top
Global Const SSPN_LEFT_MIDDLE = 1       '1 - Text to left and middle
Global Const SSPN_LEFT_BOTTOM = 2       '2 - Text to left and bottom
Global Const SSPN_RIGHT_TOP = 3         '3 - Text to right and top
Global Const SSPN_RIGHT_MIDDLE = 4      '4 - Text to right and middle
Global Const SSPN_RIGHT_BOTTOM = 5      '5 - Text to right and bottom
Global Const SSPN_CENTER_TOP = 6        '6 - Text to center and top
Global Const SSPN_CENTER_MIDDLE = 7     '7 - Text to center and middle
Global Const SSPN_CENTER_BOTTOM = 8     '8 - Text to center and bottom
```

Autosize (Command Button)

```
Global Const SS_AUTOSIZE_NONE = 0         '0 - No Autosizing
Global Const SSPB_AUTOSIZE_PICTOBUT = 1   '0 - Autosize Picture to Button
Global Const SSPB_AUTOSIZE_BUTTOPIC = 2   '0 - Autosize Button to Picture
```

Autosize (Ribbon Button)

```
'Global Const SS_AUTOSIZE_NONE      = 0  '0 - No Autosizing
Global Const SSRI_AUTOSIZE_PICTOBUT = 1  '0 - Autosize Picture to Button
Global Const SSRI_AUTOSIZE_BUTTOPIC = 2  '0 - Autosize Button to Picture
```

Autosize (Panel)

```
'Global Const SS_AUTOSIZE_NONE    = 0    '0 - No Autosizing
Global Const SSPN_AUTOSIZE_WIDTH = 1     '1 - Autosize Panel width to
Caption
Global Const SSPN_AUTOSIZE_HEIGHT = 2    '2 - Autosize Panel height to
Caption
Global Const SSPN_AUTOSIZE_CHILD = 3     '3 - Autosize Child to Panel
```

BevelInner (Panel)

```
Global Const SS_BEVELINNER_NONE = 0      '0 - No Inner Bevel
Global Const SS_BEVELINNER_INSET = 1     '1 - Inset Inner Bevel
Global Const SS_BEVELINNER_RAISED = 2    '2 - Raised Inner Bevel
```

BevelOuter (Panel)

```
Global Const SS_BEVELOUTER_NONE = 0      '0 - No Outer Bevel
Global Const SS_BEVELOUTER_INSET = 1     '1 - Inset Outer Bevel
Global Const SS_BEVELOUTER_RAISED = 2    '2 - Raised Outer Bevel
```

FloodType (Panel)

```
Global Const SS_FLOODTYPE_NONE = 0        '0 - No flood
Global Const SS_FLOODTYPE_L_TO_R = 1      '1 - Left to light
Global Const SS_FLOODTYPE_R_TO_L = 2      '2 - Right to left
Global Const SS_FLOODTYPE_T_TO_B = 3      '3 - Top to bottom
Global Const SS_FLOODTYPE_B_TO_T = 4      '4 - Bottom to top
Global Const SS_FLOODTYPE_CIRCLE = 5      '5 - Widening circle
```

Font3D (Panel, Command Button, Option Button, Check Box, Frame)

```
Global Const SS_FONT3D_NONE = 0             '0 - No 3-D text
Global Const SS_FONT3D_RAISED_LIGHT = 1     '1 - Raised with light shading
Global Const SS_FONT3D_RAISED_HEAVY = 2     '2 - Raised with heavy shading
Global Const SS_FONT3D_INSET_LIGHT = 3      '3 - Inset with light shading
Global Const SS_FONT3D_INSET_HEAVY = 4      '4 - Inset with heavy shading
```

PictureDnChange (Ribbon Button)

```
Global Const SS_PICDN_NOCHANGE = 0      '0 - Use 'Up'bitmap with no change
Global Const SS_PICDN_DITHER = 1        '1 - Dither 'Up'bitmap
Global Const SS_PICDN_INVERT = 2        '2 - Invert 'Up'bitmap
```

ShadowColor (Panel, Frame)

```
Global Const SS_SHADOW_DARKGREY = 0       '0 - Dark grey shadow
Global Const SS_SHADOW_BLACK = 1          '1 - Black shadow
```

ShadowStyle (Frame)

```
Global Const SS_SHADOW_INSET = 0        '0 - Shadow inset
Global Const SS_SHADOW_RAISED = 1       '1 - Shadow raised
```

Cycle property

```
Global Const ANI_ANIMATED = 0
Global Const ANI_MULTISTATE = 1
Global Const ANI_TWO_STATE = 2
```

Click Filter property

```
Global Const ANI_ANYWHERE = 0
Global Const ANI_IMAGE_AND_TEXT = 1
Global Const ANI_IMAGE = 2
Global Const ANI_TEXT = 3
```

PicDrawMode Property

```
Global Const ANI_XPOS_YPOS = 0
Global Const ANI_AUTOSIZE = 1
Global Const ANI_STRETCH = 2
```

SpecialOp Property

```
Global Const ANI_CLICK = 1
```

TextPosition Property

```
Global Const ANI_CENTER = 0
Global Const ANI_LEFT = 1
Global Const ANI_RIGHT = 2
Global Const ANI_BOTTON = 3
Global Const ANI_TOP = 4
```

Style Property

```
Global Const GAUGE_HORIZ = 0
Global Const GAUGE_VERT = 1
Global Const GAUGE_SEMI = 2
Global Const GAUGE_FULL = 3
```

General

```
Global Const G_NONE = 0
Global Const G_DEFAULT = 0
Global Const G_OFF = 0
Global Const G_ON = 1
Global Const G_MONO = 0
Global Const G_COLOR = 1
```

Graph Types

```
Global Const G_PIE2D = 1
Global Const G_PIE3D = 2
Global Const G_BAR2D = 3
Global Const G_BAR3D = 4
Global Const G_GANTT = 5
Global Const G_LINE = 6
Global Const G_LOGLIN = 7
Global Const G_AREA = 8
Global Const G_SCATTER = 9
Global Const G_POLAR = 10
Global Const G_HLC = 11
```

Graph Colors

```
Global Const G_BLACK = 0
Global Const G_BLUE = 1
Global Const G_GREEN = 2
Global Const G_CYAN = 3
Global Const G_RED = 4
Global Const G_MAGENTA = 5
Global Const G_BROWN = 6
Global Const G_LIGHT_GRAY = 7
Global Const G_DARK_GRAY = 8
Global Const G_LIGHT_BLUE = 9
Global Const G_LIGHT_GREEN = 10
Global Const G_LIGHT_CYAN = 11
Global Const G_LIGHT_RED = 12
Global Const G_LIGHT_MAGENTA = 13
Global Const G_YELLOW = 14
Global Const G_WHITE = 15
Global Const G_AUTOBW = 16
```

Graph Patterns

```
Global Const G_SOLID = 0
Global Const G_HOLLOW = 1
Global Const G_HATCH1 = 2
Global Const G_HATCH2 = 3
Global Const G_HATCH3 = 4
Global Const G_HATCH4 = 5
Global Const G_HATCH5 = 6
Global Const G_HATCH6 = 7
Global Const G_BITMAP1 = 16
Global Const G_BITMAP2 = 17
Global Const G_BITMAP3 = 18
Global Const G_BITMAP4 = 19
Global Const G_BITMAP5 = 20
Global Const G_BITMAP6 = 21
Global Const G_BITMAP7 = 22
Global Const G_BITMAP8 = 23
Global Const G_BITMAP9 = 24
Global Const G_BITMAP10 = 25
Global Const G_BITMAP11 = 26
Global Const G_BITMAP12 = 27
Global Const G_BITMAP13 = 28
Global Const G_BITMAP14 = 29
Global Const G_BITMAP15 = 30
Global Const G_BITMAP16 = 31
```

Graph Symbols

```
Global Const G_CROSS_PLUS = 0
Global Const G_CROSS_TIMES = 1
Global Const G_TRIANGLE_UP = 2
Global Const G_SOLID_TRIANGLE_UP = 3
Global Const G_TRIANGLE_DOWN = 4
Global Const G_SOLID_TRIANGLE_DOWN = 5
Global Const G_SQUARE = 6
Global Const G_SOLID_SQUARE = 7
Global Const G_DIAMOND = 8
Global Const G_SOLID_DIAMOND = 9
```

Graph Line Styles

```
'Global Const G_SOLID = 0
Global Const G_DASH = 1
Global Const G_DOT = 2
Global Const G_DASHDOT = 3
Global Const G_DASHDOTDOT = 4
```

Graph Grids

```
Global Const G_HORIZONTAL = 1
Global Const G_VERTICAL = 2
```

Graph Statistics

```
Global Const G_MEAN = 1
Global Const G_MIN_MAX = 2
Global Const G_STD_DEV = 4
Global Const G_BEST_FIT = 8
```

Graph Data Arrays

```
Global Const G_GRAPH_DATA = 1
Global Const G_COLOR_DATA = 2
Global Const G_EXTRA_DATA = 3
Global Const G_LABEL_TEXT = 4
Global Const G_LEGEND_TEXT = 5
Global Const G_PATTERN_DATA = 6
Global Const G_SYMBOL_DATA = 7
Global Const G_XPOS_DATA = 8
Global Const G_ALL_DATA = 9
```

Graph Draw Mode

```
Global Const G_NO_ACTION = 0
Global Const G_CLEAR = 1
Global Const G_DRAW = 2
Global Const G_BLIT = 3
Global Const G_COPY = 4
Global Const G_PRINT = 5
Global Const G_WRITE = 6
```

Graph Print Options

```
Global Const G_BORDER = 2
```

Pie Chart Options

```
Global Const G_NO_LINES = 1
Global Const G_COLORED = 2
Global Const G_PERCENTS = 4
```

Bar Chart Options

```
'Global Const G_HORIZONTAL = 1
Global Const G_STACKED = 2
Global Const G_PERCENTAGE = 4
Global Const G_Z_CLUSTERED = 6
```

Gantt Chart Options

```
Global Const G_SPACED_BARS = 1
```

Line/Polar Chart Options

```
Global Const G_SYMBOLS = 1
Global Const G_STICKS = 2
Global Const G_LINES = 4
```

Area Chart Options

```
Global Const G_ABSOLUTE = 1
Global Const G_PERCENT = 2
```

HLC Chart Options

```
Global Const G_NO_CLOSE = 1
Global Const G_NO_HIGH_LOW = 2
```

Key Status Control Style

```
Global Const KEYSTAT_CAPSLOCK = 0
Global Const KEYSTAT_NUMLOCK = 1
Global Const KEYSTAT_INSERT = 2
Global Const KEYSTAT_SCROLLLOCK = 3
```

Mode Property

```
'Global Const MCI_MODE_NOT_OPEN = 11
'Global Const MCI_MODE_STOP = 12
'Global Const MCI_MODE_PLAY = 13
'Global Const MCI_MODE_RECORD = 14
'Global Const MCI_MODE_SEEK = 15
'Global Const MCI_MODE_PAUSE = 16
'Global Const MCI_MODE_READY = 17
```

NotifyValue Property

```
'Global Const MCI_NOTIFY_SUCCESSFUL = 1
'Global Const MCI_NOTIFY_SUPERSEDED = 2
'Global Const MCI_ABORTED = 4
'Global Const MCI_FAILURE = 8
```

Orientation Property

```
'Global Const MCI_ORIENT_HORZ = 0
'Global Const MCI_ORIENT_VERT = 1
```

RecordMode Property

'Global Const MCI_RECORD_INSERT = 0
'Global Const MCI_RECORD_OVERWRITE = 1

 TimeFormat Property

```
'Global Const MCI_FORMAT_MILLISECONDS = 0
'Global Const MCI_FORMAT_HMS = 1
'Global Const MCI_FORMAT_MSF = 2
'Global Const MCI_FORMAT_FRAMES = 3
'Global Const MCI_FORMAT_SMPTE_24 = 4
'Global Const MCI_FORMAT_SMPTE_25 = 5
'Global Const MCI_FORMAT_SMPTE_30 = 6
'Global Const MCI_FORMAT_SMPTE_30DROP = 7
'Global Const MCI_FORMAT_BYTES = 8
'Global Const MCI_FORMAT_SAMPLES = 9
'Global Const MCI_FORMAT_TMSF = 10
```

SpinOrientation

```
Global Const SPIN_VERTICAL = 0
Global Const SPIN_HORIZONTAL = 1
```

ClipMode

```
Global Const ME_INCLIT = 0
Global Const ME_EXCLIT = 1
```

Comm Control Handshaking

```
Global Const MSCOMM_HANDSHAKE_NONE = 0
Global Const MSCOMM_HANDSHAKE_XONXOFF = 1
Global Const MSCOMM_HANDSHAKE_RTS = 2
Global Const MSCOMM_HANDSHAKE_RTSXONXOFF = 3
```

Comm Control Event constants

```
Global Const MSCOMM_EV_SEND = 1
Global Const MSCOMM_EV_RECEIVE = 2
Global Const MSCOMM_EV_CTS = 3
Global Const MSCOMM_EV_DSR = 4
Global Const MSCOMM_EV_CD = 5
Global Const MSCOMM_EV_RING = 6
Global Const MSCOMM_EV_EOF = 7
```

Comm Control Error code constants

```
Global Const MSCOMM_ER_BREAK = 1001
Global Const MSCOMM_ER_CTSTO = 1002
Global Const MSCOMM_ER_DSRTO = 1003
Global Const MSCOMM_ER_FRAME = 1004
Global Const MSCOMM_ER_OVERRUN = 1006
Global Const MSCOMM_ER_CDTO = 1007
Global Const MSCOMM_ER_RXOVER = 1008
Global Const MSCOMM_ER_RXPARITY = 1009
Global Const MSCOMM_ER_TXFULL = 1010
```

Action (MAPI SESSION CONTROL)

```
Global Const SESSION_SIGNON = 1
Global Const SESSION_SIGNOFF = 2
```

Action (MAPI Message Control)

```
Global Const MESSAGE_FETCH = 1                ' Load all messages from message store
Global Const MESSAGE_SENDDLG = 2              ' Send mail bring up default mapi dialog
Global Const MESSAGE_SEND = 3                 ' Send mail without default mapi dialog
Global Const MESSAGE_SAVEMSG = 4              ' Save message in the compose buffer
Global Const MESSAGE_COPY = 5                 ' Copy current message to compose buffer
Global Const MESSAGE_COMPOSE = 6              ' Initialize compose buffer (previous
                                        ' data is lost
Global Const MESSAGE_REPLY = 7                ' Fill Compose buffer as REPLY
Global Const MESSAGE_REPLYALL = 8             ' Fill Compose buffer as REPLY ALL
Global Const MESSAGE_FORWARD = 9              ' Fill Compose buffer as FORWARD
Global Const MESSAGE_DELETE = 10              ' Delete current message
Global Const MESSAGE_SHOWADBOOK = 11          ' Show Address book
Global Const MESSAGE_SHOWDETAILS = 12         ' Show details of the current recipient
Global Const MESSAGE_RESOLVENAME = 13         ' Resolve the display name of the recipient
Global Const RECIPIENT_DELETE = 14             ' Fill Compose buffer as FORWARD
Global Const ATTACHMENT_DELETE = 15            ' Delete current message
```

ERROR CONSTANT DECLARATIONS (MAPI Message Control)

```
Global Const SUCCESS_SUCCESS = 32000
Global Const MAPI_USER_ABORT = 32001
Global Const MAPI_E_FAILURE  = 32002
Global Const MAPI_E_LOGIN_FAILURE = 32003
Global Const MAPI_E_DISK_FULL = 32004
Global Const MAPI_E_INSUFFICIENT_MEMORY = 32005
Global Const MAPI_E_ACCESS_DENIED = 32006
Global Const MAPI_E_TOO_MANY_SESSIONS = 32008
Global Const MAPI_E_TOO_MANY_FILES = 32009
Global Const MAPI_E_TOO_MANY_RECIPIENTS = 32010
Global Const MAPI_E_ATTACHMENT_NOT_FOUND = 32011
Global Const MAPI_E_ATTACHMENT_OPEN_FAILURE = 32012
Global Const MAPI_E_ATTACHMENT_WRITE_FAILURE = 32013
Global Const MAPI_E_UNKNOWN_RECIPIENT = 32014
Global Const MAPI_E_BAD_RECIPTYPE = 32015
Global Const MAPI_E_NO_MESSAGES = 32016
Global Const MAPI_E_INVALID_MESSAGE = 32017
Global Const MAPI_E_TEXT_TOO_LARGE = 32018
Global Const MAPI_E_INVALID_SESSION = 32019
Global Const MAPI_E_TYPE_NOT_SUPPORTED = 32020
Global Const MAPI_E_AMBIGUOUS_RECIPIENT = 32021
Global Const MAPI_E_MESSAGE_IN_USE = 32022
Global Const MAPI_E_NETWORK_FAILURE = 32023
Global Const MAPI_E_INVALID_EDITFIELDS = 32024
Global Const MAPI_E_INVALID_RECIPS = 32025
Global Const MAPI_E_NOT_SUPPORTED = 32026
Global Const CONTROL_E_SESSION_EXISTS = 32050
Global Const CONTROL_E_INVALID_BUFFER = 32051
Global Const CONTROL_E_INVALID_READ_BUFFER_ACTION = 32052
Global Const CONTROL_E_NO_SESSION = 32053
Global Const CONTROL_E_INVALID_RECIPIENT = 32054
Global Const CONTROL_E_INVALID_COMPOSE_BUFFER_ACTION = 32055
Global Const CONTROL_E_FAILURE = 32056
Global Const CONTROL_E_NO_RECIPIENTS = 32057
Global Const CONTROL_E_NO_ATTACHMENTS = 32058
```

MISCELLANEOUS GLOBAL CONSTANT DECLARATIONS (MAPI Message Control)

```
Global Const RECIPTYPE_ORIG = 0
Global Const RECIPTYPE_TO = 1
Global Const RECIPTYPE_CC = 2
Global Const RECIPTYPE_BCC = 3
Global Const ATTACHTYPE_DATA = 0
Global Const ATTACHTYPE_EOLE = 1
Global Const ATTACHTYPE_SOLE = 2
```

Outline Control PictureType

```
Global Const MSOUTLINE_PICTURE_CLOSED = 0
Global Const MSOUTLINE_PICTURE_OPEN = 1
Global Const MSOUTLINE_PICTURE_LEAF = 2
```

Outline Control Error Constants

```
Global Const MSOUTLINE_BADPICFORMAT = 32000
Global Const MSOUTLINE_BADINDENTATION = 32001
Global Const MSOUTLINE_MEM = 32002
Global Const MSOUTLINE_PARENTNOTEXPANDED = 32003
```