Constants (topic)

Constants are variables that cannot change value during script execution. The following constants are predefined by BasicScript.

Constant	Value	Description
ebMinimized	1	The application is minimized.
ebMaximized	2	The application is maximized.
ebRestored	3	The application is restored.

Constant	Value	Description
True	-1	Boolean value True.
False	0	Boolean value False.
Empty	Empty	Variant of type 0, indicating that the variant is uninitialized.
Nothing	0	Value indicating that an object variable no longer references a valid object.
Null	Null	Variant of type 1, indicating that the variant contains no data.

Constant	Value	Description
ebBack	Chr$(8)	String containing a backspace.
ebCr	Chr$(13)	String containing a carriage return.
ebCrLf	Chr$(13) & Chr$(10)	String containing a carriage-return linefeed pair.
ebFormFeed	Chr$(11)	String containing a form feed.
ebLf	Chr$(10)	String containing a line feed.
ebNullChar	Chr$(0)	String containing a single null character.
ebNullString	0	Special string value used to pass null pointers to external routines.
ebTab	Chr$(9)	String containing a tab.
ebVerticalTab	Chr$(12)	String containing a vertical tab.

Constant	Value	Description
ebCFText	1	Text.
ebCFBitmap	2	Bitmap.
ebCFMetafile	3	Metafile.
ebCFDIB	8	Device-independent bitmap.
ebCFPalette	9	Palette.
ebCFUnicode	13	Unicode text.

Constant	Value
AIX	True if development environment is AIX.
HPUX	True if development environment is HPUX.
Irix	True if development environment is Irix.
LINUX	True if development environment is LINUX.
Macintosh	True if development environment is Macintosh (68K or PowerPC).
MacPPC	True if development environment is PowerMac.
Mac68K	True if development environment is 68K Macintosh.
Netware	True if development environment is NetWare.
OS2	True if development environment is OS/2.
OSF1	True if development environment is OSF/1.
SCO	True if development environment is SCO.

Solaris	True if development environment is Solaris.
SunOS	True if development environment is SunOS.
Ultrix	True if development environment is Ultrix.
UNIX	True if development environment is any UNIX platform.
UnixWare	True if development environment is UnixWare.
VMS	True if development environment is VMS.
Win16	True if development environment is 16-bit Windows.
Win32	True if development environment is 32-bit Windows.
Empty	Empty
False	False
Null	Null
True	True

Constant	Value	Description
ebUseSunday	0	Use the date setting as specified by the current locale.
ebSunday	1	Sunday.
ebMonday	2	Monday.
ebTuesday	3	Tuesday.
ebWednesday	4	Wednesday.
ebThursday	5	Thursday.
ebFriday	6	Friday.
ebSaturday	7	Saturday.
ebFirstJan1	1	Start with week in which January 1 occurs.
ebFirstFourDays	2	Start with first week with at least four days in the new year.
ebFirstFullWeek	3	Start with first full week of the year.

Constant	Value	Description
ebNormal	0	Read-only, archive, subdir, and none.
ebReadOnly	1	Read-only files.
ebHidden	2	Hidden files.
ebSystem	4	System files.
ebVolume	8	Volume labels.
ebDirectory	16	Subdirectory.
ebArchive	32	Files that have changed since the last backup.
ebNone	64	Files with no attributes.

Constant	Value	Description
ebDOS	1	A DOS executable file.
ebWindows	2	A Windows executable file.

Constant	Value	Description
ebRegular	1	Normal font (i.e., neither bold nor italic).
ebItalic	2	Italic font.
ebBold	4	Bold font.
ebBoldItalic	6	Bold-italic font.

Constant	Value	Description
ebIMENoOp	0	IME not installed.
ebIMEOn	1	IME on.
ebIMEOff	2	IME off.

ebIMEDisabled	3	IME disabled.
ebIMEHiragana	4	Hiragana double-byte character.
ebIMEKatakanaDbl	5	Katakana double-byte characters.
ebIMEKatakanaSng	6	Katakana single-byte characters.
ebIMEAlphaDbl	7	Alphanumeric double-byte characters.
ebIMEAlphaSng	8	Alphanumeric single-byte characters.

Constant	Value	Description
PI	3.1415...	Value of PI.

Constant	Value	Description
ebOKOnly	0	Displays only the OK button.
ebOKCancel	1	Displays OK and Cancel buttons.
ebAbortRetryIgnore	2	Displays Abort, Retry, and Ignore buttons.
ebYesNoCancel	3	Displays Yes, No, and Cancel buttons.
ebYesNo	4	Displays Yes and No buttons.
ebRetryCancel	5	Displays Cancel and Retry buttons.
ebCritical	16	Displays the stop icon.
ebQuestion	32	Displays the question icon.
ebExclamation	48	Displays the exclamation icon.
ebInformation	64	Displays the information icon.
ebApplicationModal	0	The current application is suspended until the dialog box is closed.
ebDefaultButton1	0	First button is the default button.
ebDefaultButton2	256	Second button is the default button.
ebDefaultButton3	512	Third button is the default button.
ebSystemModal	4096	All applications are suspended until the dialog box is closed.
ebOK	1	Returned from MsgBox indicating that OK was pressed.
ebCancel	2	Returned from MsgBox indicating that Cancel was pressed.
ebAbort	3	Returned from MsgBox indicating that Abort was pressed.
ebRetry	4	Returned from MsgBox indicating that Retry was pressed.
ebIgnore	5	Returned from MsgBox indicating that Ignore was pressed.
ebYes	6	Returned from MsgBox indicating that Yes was pressed.
ebNo	7	Returned from MsgBox indicating that No was pressed.

Constant	Value	Description
ebWin16	0	Microsoft Windows (16-bit).
ebWin32	2	Microsoft Windows 95Microsoft Windows NT WorkstationMicrosoft Windows NT ServerMicrosoft Win32s running under Windows 3.1
ebSolaris	3	Sun Solaris 2.x
ebSunOS	4	SunOS
ebHPUX	5	HP-UX
ebUltrix	6	DEC Ultrix
ebIrix	7	Silicon Graphics IRIX
ebAIX	8	IBM AIX
ebNetware	9	Novell Netware
ebMacintosh	10	Apple Macintosh
ebOS2	11	IBM OS/2

ebSCO	13	SCO UNIX
ebUnixWare	14	Novell UnixWare
ebOSF1	15	OSF/1
ebVMS	16	VMS
ebLINUX	17	LINUX

Constant	Value	Description
ebLandscape	1	Landscape paper orientation.
ebPortrait	2	Portrait paper orientation.

Constant	Value	Description
ebLeftButton	1	Left mouse button.
ebRightButton	2	Right mouse button.

Constant	Value	Description
ebHide	0	Application is initially hidden.
ebNormalFocus	1	Application is displayed at the default position and has the focus.
ebMinimizedFocus	2	Application is initially minimized and has the focus.
ebMaximizedFocus	3	Application is maximized and has the focus.
ebNormalNoFocus	4	Application is displayed at the default position and does not have the focus.
ebMinimizedNoFocus	6	Application is minimized and does not have the focus.

Constant	Value	Description
ebUpperCase	1	Converts string to uppercase.
ebLowerCase	2	Converts string to lowercase.
ebProperCase	3	Capitalizes the first letter of each word.
ebWide	4	Converts narrow characters to wide characters.
ebNarrow	8	Converts wide characters to narrow characters.
ebKatakana	16	Converts Hiragana characters to Katakana characters.
ebHiragana	32	Converts Katakana characters to Hiragana characters.
ebUnicode	64	Converts string from MBCS to UNICODE.
ebFromUnicode	128	Converts string from UNICODE to MBCS.

Constant	Value	Description
ebEmpty	0	Variant has not been initialized.
ebNull	1	Variant contains no valid data.
ebInteger	2	Variant contains an Integer.
ebLong	3	Variant contains a Long.
ebSingle	4	Variant contains a Single.
ebDouble	5	Variant contains a Double.
ebCurrency	6	Variant contains a Currency.
ebDate	7	Variant contains a Date.
ebString	8	Variant contains a String.
ebObject	9	Variant contains an Object.
ebError	10	Variant contains an Error.
ebBoolean	11	Variant contains a Boolean.
ebVariant	12	Variant contains an array of Variants.
ebDataObject	13	Variant contains a data object.
ebArray	8192	Added to any of the other types to indicate an array of that type.

You can define your own constants using the **Const** statement.

Preprocessor constants are defined using **#Const.**