

GDI + 1.0

by Stephen Rodriguez

HatchBrush Class

General.

Our GDI+ HatchBrush class is housed within the "gdiPlus_HatchBrushClass.pbi" source file.

The class contains elements of the following c/c++ classes :

HatchBrush

This is not a *helper-class* (containing just simple macros etc.) but a full OOP class.

Interface / base-class.

Our HatchBrush class exposes a single **interface** with the name `gdiPlus_HatchBrush`.

This interface extends our `gdiPlus_BrushClass` and `gdiPlus_BaseClass` interfaces which, between them, expose the following methods :

Destroy()

GetGdiPlusHandle.i()

Returns the Brush handle used natively by GDI+.

GetType.i()

Returns a BrushType constant, e.g. `#BrushTypeHatchFill`.

'gdiPlus_HatchBrush' constructors.

The following all return (if successful) instances of our `gdiPlus_HatchBrush` class whose methods are listed in the following section. These correspond to constructors from the appropriate c/c++ wrapper class and so the reader is advised to look on the appropriate MSDN pages for detailed descriptions.

gdiPlus_CreateHatchBrush(hatchStyle, foreColor, backColor)

`hatchStyle` must specify a HatchStyle constant such as `#HatchStyleHorizontal`.

The two color parameters must be in the form of ARGB values.

'gdiPlus_HatchBrush' methods.

Unless specified otherwise, the following all return a gdiPlus status code (beginning with `#Ok`).

All of these methods correspond to methods from the appropriate c/c++ wrapper classes and so the reader is advised to look on the appropriate MSDN pages for detailed descriptions.

Clone.i()

Returns, if successful, a new `gdiPlus_HatchBrush` object containing an exact copy of the original object.

GetBackgroundColor.i()

Returns the back color in ARGB format.

GetForegroundColor.i()

Returns the fore color in ARGB format.

GetHatchStyle.i()

Returns one of the HatchStyle constants, e.g. *#HatchStyleHorizontal*.