

PatBlt

The **PatBlt** function paints the given rectangle using the brush that is currently selected into the specified device context. The brush color and the surface color(s) are combined by using the given raster operation.

```
BOOL PatBlt(  
    HDC  hdc,           // handle of device context  
    int  nXLeft,        // x-coord. of upper-left corner of rect. to be filled  
    int  nYLeft,        // y-coord. of upper-left corner of rect. to be filled  
    int  nWidth,         // width of rectangle to be filled  
    int  nHeight,       // height of rectangle to be filled  
    DWORD dwRop         // raster operation code  
);
```

Parameters

hdc

Identifies the device context.

nXLeft

Specifies the x-coordinate, in logical units, of the upper-left corner of the rectangle to be filled.

nYLeft

Specifies the y-coordinate, in logical units, of the upper-left corner of the rectangle to be filled.

nWidth

Specifies the width, in logical units, of the rectangle.

nHeight

Specifies the height, in logical units, of the rectangle.

dwRop

Specifies the raster operation code. This code may be one of the following values:

Value	Meaning
PATCOPY	Copies the specified pattern into the destination bitmap.
PATINVERT	Combines the colors of the specified pattern with the colors of the destination rectangle by using the Boolean OR operator.
DSTINVERT	Inverts the destination rectangle.
BLACKNESS	Fills the destination rectangle using the color associated with index 0 in the physical palette. (This color is black for the default physical palette.)
WHITENESS	Fills the destination rectangle using the color associated with index 1 in the physical palette. (This color is white for the default physical palette.)

Return Value

If the function succeeds, the return value is TRUE.

If the function fails, the return value is FALSE. To get extended error information, call

[GetLastError](#).

Remarks

The values of the *dwRop* parameter for this function are a limited subset of the full 256 ternary raster-operation codes; in particular, an operation code that refers to a source rectangle cannot be used.

Not all devices support the **PatBlt** function. For more information, see the description of the RC_BITBLT capability in the **GetDeviceCaps** function.