

ExtFloodFill

The **ExtFloodFill** function fills an area of the display surface with the current brush.

```
BOOL ExtFloodFill(  
    HDC hdc,                // handle of device context  
    int nXStart,             // x-coordinate where filling begins  
    int nYStart,             // y-coordinate where filling begins  
    COLORREF crColor,        // fill color  
    UINT fuFillType          // fill type  
);
```

Parameters

hdc

Identifies a device context.

nXStart

Specifies the logical x-coordinate of the point where filling is to begin.

nYStart

Specifies the logical y-coordinate of the point where filling is to begin.

crColor

Specifies the color of the boundary or of the area to be filled. The interpretation of *crColor* depends on the value of the *fuFillType* parameter.

fuFillType

Specifies the type of fill operation to be performed. It must be one of the following values:

Value	Meaning
FLOODFILLBORDER	The fill area is bounded by the color specified by the <i>crColor</i> parameter. This style is identical to the filling performed by the FloodFill function.
FLOODFILLSURFACE	The fill area is defined by the color that is specified by <i>crColor</i> . Filling continues outward in all directions as long as the color is encountered. This style is useful for filling areas with multicolored boundaries.

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

Following are some of the reasons this function might fail:

- The filling could not be completed.
- The given point has the boundary color specified by the *crColor* parameter (if FLOODFILLBORDER was requested).
- The given point does not have the color specified by *crColor* (if FLOODFILLSURFACE was requested).
- The point is outside the clipping region — that is, it is not visible on the device.

If the *fuFillType* parameter is FLOODFILLBORDER, Windows assumes that the area to be filled is completely bounded by the color specified by the *crColor* parameter. The function begins filling at the point specified by the *nXStart* and *nYStart* parameters and continues in all directions until it reaches the boundary.

If *fuFillType* is FLOODFILLSURFACE, Windows assumes that the area to be filled is a single

If *fuFillType* is FLOODFILLSURFACE, Windows assumes that the area to be filled is a single color. The function begins to fill the area at the point specified by *nXStart* and *nYStart* and continues in all directions, filling all adjacent regions containing the color specified by *crColor*.

Only memory device contexts and devices that support raster-display operations support the **ExtFloodFill** function. To determine whether a device supports this technology, use the **GetDeviceCaps** function.