

WM_CONTEXTMENU Notification

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The WM_CONTEXTMENU message notifies a window that the user clicked the right mouse button (right-clicked) in the window.

Syntax

WM_CONTEXTMENU

WPARAM wParam
LPARAM lParam;

Add an item to Windows Explorer Shell context (right-click) menu easily – How to add ?

Add items to Windows Explorer Shell context menu easily with Windows Explorer Context Menu. This powerful .Net component for your own, custom items adding to Windows Explorer Shell context menu will add all your application entries to Windows Explorer context menu. This .Net component with full C# , C++ and VB.NET support include detailed C# / VB.NET samples, tutorials , user-friendly manuals and support all you may need :

- Add items to Windows Explorer Shell context menu to be shown on any Windows OS (all operating systems are supported – XP, Vista, x64 of all types , etc.)
- Add all your items to Windows Explorer context menu to be shown in any way - with custom caption and icon, as separator or sub-menu
- Add items to Explorer context menu to be shown for all files or shown only for files of particular type (for example, only for .PDF .TXT , .MP3,.WMA,.AAC , .WMV files)
- Add your program items to Windows Explorer Shell context menu, sub-menus, sub-menus of unlimited depth and add to Explorer context menu entries of all types

Windows Explorer Context Menu - is a powerful .Net framework component that support all you need to insert your program items to the Explorer Shell context menu - in a fast and easy way. Add all your application items to Explorer context menu right now – add items to context menu fast and exactly as you want :

Introduction

WM_CONTEXTMENU is a notification message used in Windows OS of old versions to add items to Windows Explorer context (right-click) menu. As you understand, because this notification message is used only for Windows 95 / Windows 98 (not on XP, Vista, x64 - 64-bit Windows), to add items to Windows Explorer Shell context menu you should use, according to Microsoft guidelines, appropriate .Net component - Windows Explorer Context Menu. Explorer Context Menu - is a .Net component that will add entries of all types to Windows Explorer context (right-click) menus.

Parameters

wParam

Handle to the window in which the user right-clicked the mouse. This can be a child window of the window receiving the message. For more information about processing this message, see the Remarks section.

lParam

The low-order word specifies the horizontal position of the cursor, in screen coordinates, at the time of the mouse click.

The high-order word specifies the vertical position of the cursor, in screen coordinates, at the time of the mouse click.

Return Value

No return value.

Remarks

A window can process this message by displaying a shortcut menu using the `TrackPopupMenu` or `TrackPopupMenuEx` functions. To obtain the horizontal and vertical positions, use the following code.

Copy Code

```
xPos = GET_X_LPARAM(IParam);  
yPos = GET_Y_LPARAM(IParam);
```

If a window does not display a shortcut menu it should pass this message to the `DefWindowProc` function. If a window is a child window, `DefWindowProc` sends the message to the parent. Otherwise, `DefWindowProc` displays a default shortcut menu if the specified position is in the window's caption.

`DefWindowProc` generates the `WM_CONTEXTMENU` message when it processes the `WM_RBUTTONDOWN` or `WM_NCRBUTTONDOWN` message or when the user types `SHIFT+F10`. The `WM_CONTEXTMENU` message is also generated when the user presses and releases the `VK_APPS` key.

If the context menu is generated from the keyboard—for example, if the user types `SHIFT+F10`—then the x- and y-coordinates are -1 and the application should display the context menu at the location of the current selection rather than at (xPos, yPos).

Notification Requirements

Minimum DLL Version None

Header Declared in `Winuser.h`, include `Windows.h`

Minimum operating systems Windows 95, Windows NT 3.51