

Re: How do I get a Handle to a Windows Associated Menu

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<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.compactframework/2007-09/msg000>

- *From:* "Paul G. Tobey [eMVP]" <p space tobey no spam AT no instrument no spam DOT com>
 - *Date:* Thu, 6 Sep 2007 08:50:03 -0700
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Unless you think that the OS isn't going to properly interpret the clicks, you don't really need to do that, at least in general. Each menu item in Win32 has a command value associated with it. When the item is clicked, the window associated with the menu gets a WM_COMMAND message with the command value for the selected menu item. You should be able to simulate the selection of the menu item without physically popping up the menu.

You'll probably have to use Remote Spy++ to figure out what command values are assigned to each menu item, since I don't think that they're explicitly set for managed code applications, and you'll need to verify that they don't change from run to run, but a quick test that I just ran came up with the same values each time. You'll also need to be sure that you're sending the WM_COMMAND message to the right window. A special window is created by the NET CF to catch menu commands. Look through the list in Remote Spy++ and you'll see it. It's class name is #NETCF_AGL_BASE_ in .NET CF 1.0.

Paul T.

"ink" <ink@xxxxxxxxxxxxxxxx> wrote in message
<news:OJM8MjF8HHA.3940@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

hi Paul,

i have a windows mobile 5 CF2.0 Proof Of Deliver application that news End to End Load and functional testing.

As it is not practical to site with 50 devices infrount of me trying to use all 50 at the same time, i thought the next logical solution is to write a small application that can automate the users front end of the application.

i am doing pritty well at the moment. i can do almost everything i want. there is just a few things left.

And one of them is finding the menu.

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i have a screen Tap method that takes in a Handle to a window and then that works out using get window rectangle where it needs to send the tap.

There are 2 hard keys on the Key board that are mapped to the menu that i may be able to send the Key board event for them to the screen but that still dose not solve the problem of the menu items. i gues i was hopping that a menu was made up od button like controls that i could get a handle to.

thanks,
ink

"Paul G. Tobey [eMVP]" <p space tobey no spam AT no instrument no spam DOT com> wrote in message news:ujPdaQ97HHA.2004@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

Why do you need it? Generally, that's a bad idea. Give us some information about what you're trying to do and maybe we can suggest something that would be supported.

Paul T.

"ink" <ink@xxxxxxxxxxxxxxxx> wrote in message news:uUoHSx87HHA.4712@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

Hi all,

How do you get a Handle to the menu on a Form running in a different process using p/invoke and the Win API.

Unfortunately "HMENU GetMenu(HWND hWnd);" does not seem to be implemented in Windows Mobile 5.

I have opened "Remote Spy" and I don't see it there.

I think it might have something to do with the class "HHTaskBar" but I am not sure.

Any ideas welcome?

Re: How do I get a Handle to a Windows Associated Menu

Thnaks,
ink