

Forum:[Hack Forums](#)

Thread: [Taskbar Manager | JumpList, ThumbNail -Buttons, -Clip, -Progress, -Icon](#)

?XilluX - June 19, 2014, 6:30 am

Hello Community,

Introduction

Spoiler ([Click to View](#))

Do you always wanted to make something like this:

Well I wanted to do it aswell and after some research I found the solution and I am going to share it with you!

Preperation

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We need [these](#) 2 .dll files, download them and a reference to your project!

Then Import the TaskBar and the Shell Class. I have imported the Reflection and IO Class aswell, because we need them.

Code Imports Microsoft.WindowsAPICodePack.Taskbar

Imports Microsoft.WindowsAPICodePack.Shell

Imports System.Reflection

Imports System.IO

JumpList

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The JumpList is basically the ContextMenu of the TaskBar, but with less features. It is still available, when the application is not ran.

So in this sample we will create a Link to a new Application Instance.

Code Private Sub Form1_Shown(sender As Object, e As EventArgs) Handles Me.Shown

Dim jplst As JumpList = JumpList.CreateJumpList()

jplst.ClearAllUserTasks()

Dim TaskLink As JumpListLink = New JumpListLink(Assembly.GetEntryAssembly().Location, "Create new Instance")

TaskLink.IconReference = New IconReference(Assembly.GetEntryAssembly().Location, 0)

jplst.AddUserTasks(TaskLink)

How it will look:

You can create as many of this items as you want.

You can also add a Seperator for a better overview:

```
Code Dim sep As JumpListTask = New JumpListSeparator()  
    jplst.AddUserTasks(sep)
```

As you might notice all these items will be put under the "Aufgaben" or "Tasks", if you want to give that a costum name you need to create a new JumpListCustomCategory.

```
Code Dim category As JumpListCustomCategory = New JumpListCustomCategory("System  
Utilities")
```

```
    Dim calculator As JumpListLink = New  
JumpListLink(Path.Combine(Environment.SystemDirectory, "calc.exe"), "Calculator")  
    calculator.IconReference = New IconReference(Path.Combine(Environment.SystemDirectory,  
"calc.exe"), 0)  
  
    category.AddJumpListItems(calculator)  
  
    jplst.AddCustomCategories(category)  
    jplst.Refresh()
```

Thumbnail Buttons

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With Thumbnail Buttons those little buttons at the bottom are meant.

You can only add 7 Buttons, but that should be enough though.

```
Code Dim button As ThumbnailToolBarButton = New ThumbnailToolBarButton(New  
Icon("skype.ico", 16, 16), "Open Skype")  
    TaskbarManager.Instance.ThumbnailToolBars.AddButtons(Me.Handle, button)  
    AddHandler button.Click, AddressOf button_click  
Code Sub button_click()  
    'Any Code Here  
End Sub
```

Thumbnail Clip

Spoiler ([Click to View](#))

You can change the region that will be shown as Thumbnail with this easy code:

```
Code TaskbarManager.Instance.TabbedThumbnail.SetThumbnailClip(Me.Handle, New  
Rectangle(0, 0, 50, 50))
```

NOTE: Since it needs the handle you can perform this with any external application as well.

Taskbar Progress

Spoiler ([Click to View](#))

Well you can also make the little rectangle in your Taskbar act like a progressbar. This is easy as well:

```
Code Dim tbm As TaskbarManager = TaskbarManager.Instance
```

```
    tbm.SetProgressValue(50, 100, Me.Handle)
```

```
    tbm.SetProgressState(TaskbarProgressBarState.Normal)
```

It has different states to either make the progressbar color green, red or yellow, depending on abortion, pause etc.

Taskbar Overlay Icon

Spoiler ([Click to View](#))

In my eyes this is completely useless, but check it out yourself.

What it does:

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Code for this:

```
Code tbm.SetOverlayIcon(New Icon("C:\Users\Paul\Pictures\Germany.ico"), "")
```

I hope this Tutorial helped some people and please leave a post, it took me much time to find out how this works and then compile the Thread!

SIM-1847363 - June 19, 2014, 6:48 am

I always wanted to know how skype did all of there cool taskbar features, well now i know thanks man HQ thread!

?XilluX - June 19, 2014, 6:59 am

(Jun 19, 2014 06:47 AM)sabre Wrote: [\[CITE\]](#) Your copying skills for the progress bar are remarkable <https://hackforums.net/showthread.php?tid=4271143> but other than that the overlay icon part was very useful.

Sorry for this I haven't looked through the Threads, if there is already the same or a similar one.

Only3 - June 19, 2014, 7:25 am

i try it b4 but with no luck i have win7 64

maybe <http://originaldll.com/file/microsoft.windowsapicodepack.dll/29294.html>

"If you use a 64-bit version of Windows, you should also copy microsoft.windowsapicodepack.dll to C:\Windows\SysWOW64"

if any1 try it pls post if its work

?XilluX - June 19, 2014, 10:41 am

(Jun 19, 2014 07:25 AM)Only3 Wrote: [\[CITE\]](#) i try it b4 but with no luck i have win7 64

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"If you use a 64-bit version of Windows, you should also copy microsoft.windowsapicodepack.dll to

C:\Windows\SysWOW64"

if any1 try it pls post if its work

I have Windows 8.1 64 bit and I do not need to put the file in that folder.