

Forum:[Hack Forums](#)

Thread: [Using Proxies in CefSharp chromium browser](#)

Camf ? - November 8, 2019, 7:07 am

Hey guys, getting back into the VB game ?

I've pulled up one of my old projects which helped me access web browsers via a certain proxy to login to a social media account via the selected proxy.

After testing it out, everything still works; but the web browser in visual basics is outdated. I found a workaround using CefSharp and chromium, it seems to work the only issue I'm having after recreating everything using the cefsharp browser is the proxy function isn't working anymore. I'm not getting any errors using the same proxy method as the original program.

Can anyone help me out?

The button that opens up the second browser with proxy and new cefsharp browser:

```
Code Private Sub Button15_Click(sender As Object, e As EventArgs) Handles Button15.Click
    Form2.Show()
    MessageBox.Show("You are now under proxy " + Label9.Text + " for the account " +
Label7.Text)
    UseProxy(Label9.Text)
End Sub
```

The code I'm using for the proxy settings:

```
Code Imports System.Runtime.InteropServices
Imports CefSharp
Imports CefSharp.WinForms

Public Class Form1

    <Runtime.InteropServices.DllImport("wininet.dll", SetLastError:=True)>
    Private Shared Function InternetSetOption(ByVal hInternet As IntPtr, ByVal dwOption As Integer,
ByVal lpBuffer As IntPtr, ByVal lpdwBufferLength As Integer) As Boolean
    End Function

    Public Structure Struct_INTERNET_PROXY_INFO
        Public dwAccessType As Integer
        Public proxy As IntPtr
        Public proxyBypass As IntPtr
    End Structure

    Private Sub UseProxy(ByVal strProxy As String)
        Const INTERNET_OPTION_PROXY As Integer = 38
        Const INTERNET_OPEN_TYPE_PROXY As Integer = 3
```

```
Dim struct_IPI As Struct_INTERNET_PROXY_INFO
```

```
struct_IPI.dwAccessType = INTERNET_OPEN_TYPE_PROXY  
struct_IPI.proxy = Marshal.StringToHGlobalAnsi(strProxy)  
struct_IPI.proxyBypass = Marshal.StringToHGlobalAnsi("local")
```

```
Dim intptrStruct As IntPtr = Marshal.AllocCoTaskMem(Marshal.SizeOf(struct_IPI))
```

```
Marshal.StructureToPtr(struct_IPI, intptrStruct, True)
```

The code within my 2nd browser containing the cefsharp browser:

```
Code Imports System.Runtime.InteropServices
```

```
Imports CefSharp
```

```
Imports CefSharp.WinForms
```

```
Public Class Form2
```

```
<Runtime.InteropServices.DllImport("wininet.dll", SetLastError:=True)>
```

```
Private Shared Function InternetSetOption(ByVal hInternet As IntPtr, ByVal dwOption As Integer,  
ByVal lpBuffer As IntPtr, ByVal lpdwBufferLength As Integer) As Boolean  
End Function
```

```
Public Structure Struct_INTERNET_PROXY_INFO
```

```
Public dwAccessType As Integer
```

```
Public proxy As IntPtr
```

```
Public proxyBypass As IntPtr
```

```
End Structure
```

```
Private Sub UseProxy(ByVal strProxy As String)
```

```
Const INTERNET_OPTION_PROXY As Integer = 38
```

```
Const INTERNET_OPEN_TYPE_PROXY As Integer = 3
```

```
Dim struct_IPI As Struct_INTERNET_PROXY_INFO
```

```
struct_IPI.dwAccessType = INTERNET_OPEN_TYPE_PROXY
```

```
struct_IPI.proxy = Marshal.StringToHGlobalAnsi(strProxy)
```

```
struct_IPI.proxyBypass = Marshal.StringToHGlobalAnsi("local")
```

```
Dim intptrStruct As IntPtr = Marshal.AllocCoTaskMem(Marshal.SizeOf(struct_IPI))
```

```
Marshal.StructureToPtr(struct_IPI, intptrStruct, True)
```

```
Dim iReturn As Boolean = InternetSetOption(IntPtr.Zero, INTERNET_OPTION_PROXY,  
intptrStruct, System.Runtime.InteropServices.Marshal.SizeOf(struct_IPI))  
End Sub
```

```
Private WithEvents browser3 As ChromiumWebBrowser
```

```
Public Sub New()
```

```
' This call is required by the designer.
```

```
InitializeComponent()
```

' Add any initialization after the InitializeComponent() call.

End Sub

Private Sub Form2_Load(sender As Object, e As EventArgs) Handles MyBase.Load

```
browser3 = New ChromiumWebBrowser("https://google.com") With {  
    .Dock = DockStyle.Fill  
}  
Panel1.Controls.Add(browser3)
```

End Sub

Private Sub Button4_Click(sender As Object, e As EventArgs) Handles Button4.Click
 browser3.Load(TextBox1.Text)

End Sub

adding the UseProxy to the navigate button on form2 didnt do anything :\

Code Private Sub Button4_Click(sender As Object, e As EventArgs) Handles Button4.Click
 UseProxy(Form1.Label9.Text)
 browser3.Load(TextBox1.Text)

End Sub

Camf ? - November 10, 2019, 8:34 am

anyone? :(still need to figure this out

Eternal Darkness - November 10, 2019, 4:36 pm

<https://github.com/cefsharp/CefSharp/wiki/General-Usage#proxy-resolution> (Seems to only take a command line argument/at runtime via Preferences feature, specifically links to first couple stackoverflow links)

<https://stackoverflow.com/a/36106994>

<https://stackoverflow.com/a/37461387>

<https://stackoverflow.com/a/51723988>

<https://stackoverflow.com/a/42376097>

<https://stackoverflow.com/a/43747697>

<https://stackoverflow.com/a/31168180>

<https://magpcss.org/ceforum/viewtopic.php?t=14560>

Try some of this. Reply back with what method you got working (if any).

Haven't touched projects using browser controls like CefSharp in years, not sure anything is relevant here. Give it a shot tho.

Converters ([Click to View](#))

(Oct 26, 2019 10:47 PM)Eternal Darkness Wrote: [\[CITE\]](#) Some Converters:

<https://converter.telerik.com/>

<https://www.carlosag.net/tools/codetranslator/>

<https://codeconverter.icsharpcode.net/>

<https://www.developerfusion.com/tools/convert/csharp-to-vb/>

<https://www.dotnetspider.com/convert/Csharp-To-Vb.aspx>

https://www.tangiblesoftwaresolutions.com/product_details/csharp-to-vb-converter.html

