

Re: Winsock 6 control in VB.NET

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.languages.vb/2008-03/msg01788.html>

- *From:* kimiraikkonen <kimiraikkonen85@xxxxxxxx>
 - *Date:* Mon, 31 Mar 2008 08:13:44 -0700 (PDT)
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On Mar 24, 11:16 pm, kimiraikkonen <kimiraikkone...@xxxxxxxx> wrote:

On Mar 24, 10:05 pm, Tom Shelton

<tom_shel...@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote:

On 2008-03-24, kimiraikkonen <kimiraikkone...@xxxxxxxx> wrote:

On Mar 24, 9:39 pm, Tom Shelton

<tom_shel...@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote:

On 2008-03-24, kimiraikkonen

<kimiraikkone...@xxxxxxxx> wrote:

Hi,
As you know there's no
mswinsck.ocx ActiveX
control in VB.NET 2005 or
08 by default, but it exists in
VB6. However i can add
this old
control to my VB 2005
toolbox with no problem by
extracting from VB6's
cabinets, but when using
inside my project, i get
some syntax problems
which runs fine in VB6. I do
not want to go back VB6.

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Is it healthy and supported
using
mswinsck.ocx Winsock control
in
VB.NET projects?

And is System.Net.Sockets
the unique alternative for
this Winsock
control and is it completely
equivalent?

Thanks

You want to use System.Net.Sockets.
The winsock control sucked in VB6,
and it sucks even worse in .NET ;)

--
Tom Shelton

Dear Tom, Thanks for the information. However actually my
intention
was to program a small application that consist of 2 parts,
server and
client for sending any file over the WAN, not LAN. Do you
have a
simple code that demonstrates that on .NET using sockets
class?

Thanks

Onur Güzel

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Sure... MS has a fairly good set of examples. On both sync and async usage (start here):

<http://msdn2.microsoft.com/en-us/library/b6xa24z5.aspx>

There are articles off of here, for both server and client usage.

Tom Shelton- Hide quoted text -

- Show quoted text -

Thanks, i'll check and there are similar samples in 101 samples page. I saw some good Winsock6 samples using mswinsck.ocx but it's hard to get the working code in .NET environment, believe. Maybe there's a .NET wrapper for legacy Winsock6, even it can be added to .NET toolbox as ActiveX control, surprise.

Regards

Tom, to update, i added Winsock 6 ActiveX control (mswinsck.ocx) to use in VB.NET to accomplish a basic chat operation on the same machine(127.0.0.1) and here is an exception that Winsock 6 throws when sending text string (data) from client to server:
"Exception from HRESULT: 0x800A9C46"

Full client code:

And it fails at:

"tcpClient.SendData(CStr(TextBox2.Text.ToString))" and unusing "CStr" also made no difference.

Public Class Form1

Private Sub Form1_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load

Try

tcpClient.RemotePort = 1001

Catch ex As Exception

MsgBox(ex.Message)

End Try

End Sub

Private Sub Button2_Click(ByVal sender As System.Object, ByVal e

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```
As System.EventArgs) Handles Button2.Click
Try
tcpClient.RemoteHost = Trim(TextBox3.Text)
tcpClient.Connect()
Catch ex As Exception
MsgBox(ex.Message)
End Try
End Sub

Private Sub Button3_Click(ByVal sender As System.Object, ByVal e
As System.EventArgs) Handles Button3.Click
tcpClient.Close()
End Sub

Private Sub Button1_Click(ByVal sender As System.Object, ByVal e
As System.EventArgs) Handles Button1.Click
If Not TextBox2.Text = "" Then
tcpClient.SendData(CStr(TextBox2.Text.ToString))
End If
End Sub

Private Sub tcpClient_DataArrival(ByVal sender As System.Object,
ByVal e As AxMSWinsockLib.DMSWinsockControlEvents_DataArrivalEvent)
Handles tcpClient.DataArrival
Dim strData As String
tcpClient.GetData(strData)
MsgBox(strData)

End Sub
End Class
```

Is it a coding error or because Winsock 6's behaviour in VB.NET?

Thanks

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