

Re: Still Need desperate help to start with ASP NET – simplified problems – HELP!!

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- *From:* [pamelafluente@xxxxxxxxxx](mailto:pamelafluente@xxxxxxxxxx)
  - *Date:* 2 Jul 2006 09:25:19 -0700
- 

That's interesting Jacob. I have actually thought about that approach. But it would be much neater if I could avoid installations on the client side.

I would like to see \* only IE \* on the client side and a full application on the server side.

My problem is I cannot find an easy way to make IE talk with the win app on the server side and everytime I ask about it, it seems that none has working examples! This is quite strange as this problem would seem a really basic one. Or perhaps I am asking in wrong places...(?)

That IHttpHandler would seem a way to go. But cannot find some simple explanation on how to integrate that stuff with a win application.

I have also explored the smart client approach, which probably is similar to the applet concept, but then I cannot see an easy way to talk with the server app.

Another possibility are services, but how do I make it listen to the http port??

I cannot believe this IE-App talking stuff is so complicated, after all this is called .NET !

-pam

Jacob ha scritto:

```
Your program starts in:  
Public Shared Sub Main()  
End Sub
```

If you want to pass arguments to the program at startup you can change

Re: Still Need desperate help to start with ASP NET – simplified problems – HELP!!

```
that to  
Public Shared Sub Main(ByVal Args() As String)  
End Sub
```

Now you can process the entered arguments at startup.

I think what you really want is to make a desktop application that has an embedded browser. This way you have a two way communication between browser and program so that you can leave all the client server communication up to the application and let the browser control handle the rendering.

pamelafluente@xxxxxxxxxx wrote:

Thanks Jacob. I didn't get all you are suggesting (I have no idea what you mean by "have an application that receives the data as arguments in its startup".) Thanks anyway for the suggestions.

Actually, in other words, what I need is a working example of an ASP page talking with an object which implements the interface IHttpHandler within a win application.

For my purposes asp net is totally insufficient. I need to make tal IE with a win app directly.

Does anybody have some working example or some pointer ?

–Pam

Jacob ha scritto:

You write that there is no IIS involved. This is not true since you are serving your web page in a browser that requests the page from a webserver.

Designwise I think it's a bad idea to send the information to be processed in an external application. When you send the information back to IIS to send to the client you are going to have to find out which client sent it (using a session ID I guess). As IIS doesn't support push technology you have no way of notifying the client that the information has been successfully processed or it has failed.

But I guess the short and dirty answer to your question is to have an application that receives the data as arguments in its startup. You then open the application using `System.Diagnostics.Process.Start()`. The process gets the information from the arguments and processes them and then closes itself down.

Alternatively you pass the information to a database. Your processing app then checks the database every once in a while for new data and processes it.

Otherwise you need to look into message queueing.

pamelafluente@xxxxxxxxx wrote:

I agree that from the example it would seem that ASP is sufficient.

But, as I told you, I have made an oversimplified scenario to make it easier to answer to the core of the question. You are trying to solve my example,

but my example serves only to show the principle.

I do not just need to send a string back and forth between a IE and IIS.

I want to tell a win application (server side) what to do from a browser and viceversa, I want the browser to display what the win application sends back.

My scheme:

Web client --> Win App (extensive processing) [no IIS involved]  
Win App (Extensive processing) --> Web Client

Got it?

Re: Still Need desperate help to start with ASP NET – simplified problems – HELP!!

Thanks,

–Pam

Jacob ha scritto:

You are definitely overcomplicating this issue. If you want the asp.net page to return the value to the textbox, you merely use the Textbox.Text property.

You say you also want to send the Textbox.Text value to an application running on the server? Why, to feed it into a database? Asp.net can do that for you. Passing values to other programs is advanced stuff and you might want to learn the basics first.

Question 3 is obvious –  
`Response.Write(GenerateResponsePage(Textbox.Text))`

pamelafluente@xxxxxxxxxx wrote:

I am still working with no success on that client/server problem. I need your help. I will submit simplified versions of my problem so

Re: Still Need desperate help to start with ASP NET – simplified problems – HELP!!

we can see  
clearly what  
is going on.

My model:

A client  
uses IE to  
talk with a  
server.  
The user on  
the client  
(IE) sees an  
ASP net  
page  
containing  
a TextBox.  
He can  
write some  
text in this  
text box and  
push a  
submit  
button.

Problem 1.  
What's the  
code the  
ASP NET  
page?

---

A server  
computer  
on  
<http://MyServer/MyApp.exe>  
has a .NET  
program  
running.  
This is a  
win  
application  
which  
contains  
somewhere  
the  
following  
public  
function:

Function

Re: Still Need desperate help to start with ASP NET – simplified problems – HELP!!

```
GenerateResponsePage(ByVal  
ThisIsWhatReceivedFromClient  
As  
String) As  
String
```

```
Dim  
MyWebPage  
As String =  
String.Empty
```

```
MyWebPage  
&=  
"<html>"  
MyWebPage  
&= vbCrLf  
&  
"<Body>"  
MyWebPage  
&= vbCrLf  
&  
"Received  
from client:  
<br>"  
MyWebPage  
&= vbCrLf  
&  
ThisIsWhatReceivedFromClient  
MyWebPage  
&= vbCrLf  
&  
"</Body>"  
MyWebPage  
&= vbCrLf  
&  
"</html>"
```

```
Return  
MyWebPage
```

```
End  
Function
```

The win  
application  
on the  
server  
receives the  
text  
submitted in

Re: Still Need desperate help to start with ASP NET – simplified problems – HELP!!

the  
text box  
(we call it  
"ThisIsWhatReceivedFromClient")  
by the user  
who is  
using IE  
on the client  
side. As an  
answer the  
Server  
sends back  
a page  
generated  
by  
the function  
"GenerateResponsePage"  
and the  
browser  
displays it  
to the  
User  
on the client  
side.

Problem 2.  
How do I  
make the  
win  
application  
to  
receive the  
text  
submitted  
by the user  
in the  
TextBox ?

=====  
Problem 3.  
How do I  
make  
display the  
string  
generated  
by  
the  
"GenerateResponsePage"  
(simple  
html page)

Re: Still Need desperate help to start with ASP NET – simplified problems – HELP!!

Re: Still Need desperate help to start with ASP NET – simplified problems – HELP!!

on the user  
browser ?

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That all for  
now. My  
biggest  
problems  
are with  
problems 2  
and 3. I  
need  
a simple  
working  
example to  
get started.  
Please help!

–Pam