

Re: Desperately need help to setup with asp net !!

# Re: Desperately need help to setup with asp net !!

---

*Source:*

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.aspnet/2006-06/msg03556.html>

---

- *From:* [pamelafluente@xxxxxxxxxx](mailto:pamelafluente@xxxxxxxxxx)
  - *Date:* 25 Jun 2006 16:47:29 -0700
- 

Hi Ken

actually there is a simple hello world example which \*seems\* to be in right direction. The rest of the documentation is quite concise and it seems there is a long struggle to do.

I am not clear if the Process Request is routed by IIS to the IHttpHandler (which I might enclose in my server application) or the talk is directly between the Browser and the IHttpHandler (?)

I see not many people out there are using this stuff, but, to me, it seems quite useful to be able to talk to an application through a browser. If someone has some code or pointers to show how to use these handlers it would be great.

If there other suggestions I will be listening here! Thank you

-pam

example from documentation:

---

```
Imports System.Web
```

```
Public Class HelloWorldHandler  
Implements IHttpHandler
```

```
Public Sub ProcessRequest(ByVal context As System.Web.HttpContext)  
Implements System.Web.IHttpHandler.ProcessRequest  
Dim request As HttpRequest = context.Request  
Dim response As HttpResponse = context.Response  
' A file named ending in .MyHello need not exist. This handler  
' executes whenever a file ending in .MyHello is requested.  
response.Write("<html>")  
response.Write("<body>")  
response.Write("<h1> Hello from Synchronous custom handler.  
</h1>")  
response.Write("</body>")
```

Re: Desperately need help to setup with asp net !!

Re: Desperately need help to setup with asp net !!

```
response.Write("</html>")  
End Sub
```

```
Public ReadOnly Property IsReusable() As Boolean Implements  
System.Web.IHttpHandler.IsReusable  
Get  
Return False  
End Get  
End Property  
End Class
```

Ken Cox [Microsoft MVP] ha scritto:

Hi Pam,

It sounds like you want to create your own custom `HttpHandler`. It can get the posted query from `System.Web.HttpContext` and pass that along to get the data. Once you've built the HTML code, you ship it back out with `HttpResponse`.

If you do a search on `IHttpHandler` and `HttpContext` you'll get more info. Here's a starter that generates a 'Hello World' HTML page.

<http://msdn.microsoft.com/library/default.asp?url=/library/en-us/cpguide/html/cpconaspnetrequestprocessing.>

Can't help more than that because I haven't used that capability. It seems to me there must be easier ways such as user controls or Web parts to do what you need.

Ken  
Microsoft MVP [ASP.NET]

<pamelafluente@xxxxxxxx> wrote in message  
<news:1151268220.863538.69320@xx>

Thank you Ken. This piece of the puzzle I already have.

The problem is I want to send the request to a VB.NET program which is running on the server because it must do some complicated processing \*before\* doing the query and \*after\* doing the query. The response page is not simply to fill a grid but the result of some processing that must be done by the Vb.net application on the server. The VB.net application also prepares a complex response page (with a lot of more stuff, charts, pictures, photos, diagrams, etc) which I would like to return to the browser.

What I have hard time to implement is passing data from the browser to the VB.net application on the server, and, then, passing back the page

Re: Desperately need help to setup with asp net !!

Re: Desperately need help to setup with asp net !!

generated by the VB.net program back to the Browser. Just as I have indicated in my schema. If you bypass the VB application you are not answering to my original question. It's crucial the dialogue with the server application.

Thanks for any help.

-Pam

Ken Cox [Microsoft MVP] ha scritto:

Hi Pam,

This sounds like a fairly simple ASP.NET page. Not sure why your spec includes a "vb net application on a server pc" because the ASP.NET page can do it all... that's what it was designed for.

Anyway, let us know if the ASP.NET 2.0 code below helps?

Ken  
Microsoft MVP [ASP.NET]

```
<% @ page language="VB" %>
```

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0  
Transitional//EN"  
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd"
```

```
<script runat="server">
```

```
Protected Sub btnSubmit_Click  
(ByVal sender As Object, ByVal e As System.EventArgs)  
If txtQuery.Text <> "" Then  
' Quick sample code to submit a SQL string  
' and view the results in ASP.NET Gridview  
' Ken Cox [MVP] - June 25/06  
Dim strConnection As String  
strConnection = "Data Source=.\SQLEXPRESS;" &  
"Initial Catalog=Northwind;Integrated Security=True"  
Dim con As New  
Data.SqlClient.SqlConnection(strConnection)  
' The following is probably not sufficient to protect you  
' from a SQL injection attack but it's better than nothing  
Dim cmdtext As String = SafeSqlLiteral(txtQuery.Text)  
Dim cmd As New Data.SqlClient.SqlCommand(cmdtext,  
con)
```

Re: Desperately need help to setup with asp net !!

```
Dim ds As New Data.DataSet  
Dim da As New Data.SqlClient.SqlDataAdapter  
(cmdtext, strConnection)  
da.Fill(ds)  
GridView1.DataSource = ds  
GridView1.DataBind()  
End If  
End Sub  
  
Private Function SafeSqlLiteral(ByVal inputSQL As String)  
As String  
Return inputSQL.Replace("'", "''")  
End Function
```

```
</script>
```

```
<html xmlns="http://www.w3.org/1999/xhtml">  
<head runat="server">  
<title>Textbox SQL query</title>  
</head>  
<body>  
<form id="form1" runat="server">  
<div>  
<asp:textbox id="txtQuery" runat="server" width="470px"  
text="SELECT companyname from  
customers"></asp:textbox><br />  
<br />  
<br />  
<asp:button id="btnSubmit" runat="server"  
onclick="btnSubmit_Click" text="Submit query" /><br />  
<br />  
<br />  
<asp:gridview id="GridView1" runat="server">  
</asp:gridview>  
&nbsp;</div>  
</form>  
</body>  
</html>
```

<pamelafluyente@xxxxxxxx> wrote in message  
news:1151249546.731638.175320@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

I am beginning aspNet, I know well win  
apps.  
Need a simple and schematic code example  
to start work.

This is what I need to accomplish:

-----  
Given button and a TextBox on a web form

Re: Desperately need help to setup with asp net !!

when one presses the button on the web form on a client pc, the sql query which is contained in the text box is sent to a vb net application on a server pc. The win application sends the query to the database, collects the results, creates a web page showing some of these result and send the page back to the browser (for future queries).

1. client (Browser, IE) -----> WinApp on a Server pc -----> Database  
2. Database --> WinApp on Server pc --> create NewAspPage --> client pc (Browser)

---

I am kind of desperate and I don't know where to start . I very \*simple\* example in code would really help a lot.

Help!!

-Pam