

# Re: How to share VB code across multiple pages?

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*Source:*

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.aspnet/2005-09/msg03847.html>

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- *From:* [antonyliu2002@xxxxxxxxxx](mailto:antonyliu2002@xxxxxxxxxx)
  - *Date:* 29 Sep 2005 10:14:00 -0700
- 

Hi, Juan,

Yes, I've set the PATH variable. But I am still getting that error message.

That said, I have downloaded and installed the ASP.20 Visual Web Developer kit and issued aspnet\_regiis.exe -i.

Now, when I check out my web application, I get this error message:

\*\*\*\*\*

Server Error in '/' Application.

Validation of viewstate MAC failed. If this application is hosted by a Web Farm or cluster, ensure that <machineKey> configuration specifies the same validationKey and validation algorithm. AutoGenerate cannot be used in a cluster.

Description: An unhandled exception occurred during the execution of the current web request. Please review the stack trace for more information about the error and where it originated in the code.

Exception Details: System.Web.HttpException: Validation of viewstate MAC failed. If this application is hosted by a Web Farm or cluster, ensure that <machineKey> configuration specifies the same validationKey and validation algorithm. AutoGenerate cannot be used in a cluster.

Source Error:

An unhandled exception was generated during the execution of the current web request. Information regarding the origin and location of the exception can be identified using the exception stack trace below.

\*\*\*\*\*

Juan T. Llibre wrote:

> re:

>>I tried compiling MyClass.vb using vbc.exe, but got an error message

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>  
> Was your compilation attempt made from a directory  
> included in your system's environment path ?  
>  
> It could also be that you have a failed .Net Framework install.  
> Uninstalling and reinstalling the .Net framework would help in that case.  
>  
> re:  
>>how to get ASP.NET 2.0? Is it freely upgradable?  
>  
> If you are an MSDN subscriber,you can download the RC at :  
> <http://lab.msdn.microsoft.com/vs2005/get/default.aspx>  
>  
> Otherwise, you can download the public 2.0 Beta versions here :  
> <http://lab.msdn.microsoft.com/vs2005/get/default.aspx>  
>  
> Also, there's a download which includes the  
> Beta 2 Visual Web Developer version at :  
>  
> <http://lab.msdn.microsoft.com/express/vwd/default.aspx>  
>  
>  
>  
>  
> Juan T. Llibre, ASP.NET MVP  
> ASP.NET FAQ : <http://asp.net.do/faq/>  
> Foros de ASP.NET en Español : <http://asp.net.do/foros/>  
> =====  
> <antonyliu2002@xxxxxxxx> wrote in message  
> <news:1128011592.220428.150010@xx>  
> Hi, Juan,  
>  
> Yes, I am using ASP.NET 1.1. I tried compiling MyClass.vb using  
> vbc.exe, but got an error message as follows:  
>  
> "The application has failed to start because MSVCR71.dll was not  
> found.Reinstalling this application may fix this problem"  
>  
> But MSVCR71.dll is actually right there under the folder  
> Windows\Microsoft.NET\Framework\v1.1.4322. How to fix this please?  
>  
> By the way, how to get ASP.NET 2.0? Is it freely upgradable?  
>  
>  
> Juan T. Llibre wrote:  
>> If you're using ASP.NET 2.0, place MyClass.vb  
>> in the App\_Code folder. You'll be able to access it there.  
>>  
>> If you're using ASP.NET 1.1, you should command-line compile  
>> MyClass.vb to MyClass.dll and place it in the /bin drectory.  
>>

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>> You, then, can import the namespace in your aspx file with :  
>> <% @ Import Namespace="YourNameSpaceName" %>  
>> and instantiate your classes from any aspx page.  
>>  
>>  
>> Juan T. Llibre, ASP.NET MVP  
>> ASP.NET FAQ : <http://asp.net.do/faq/>  
>> Foros de ASP.NET en Español : <http://asp.net.do/foros/>  
>> =====  
>> <antonyliu2002@xxxxxxxx> wrote in message  
>> [news:1127931941.719998.234850@xx](mailto:news:1127931941.719998.234850@xx)  
>>> Hi, Thx.  
>>>  
>>> After I got your reply, then I created a file called "MyClass.vb" in  
>>> the same folder of the webpages.  
>>>  
>>> MyClass.vb has a Class like this:  
>>>  
>>> Public Class MyClass  
>>> Public Sub MySub()  
>>> Do Something  
>>> End Sub  
>>> End Class  
>>>  
>>> I called the MySub like this in my webpage:  
>>>  
>>> Call MyClass.MySub()  
>>>  
>>> This is the compile error:  
>>>  
>>> BC30456: 'MySub' is not a member of 'ASP.Page1\_aspx'.  
>>>  
>>> Apparently I did not do it in the right way. I think I am doing it  
>>> like Java. I was a Java programmer.  
>>>  
>>> Shouldn't I tell Page1.aspx where to find that function?  
>>>  
>>> darrel wrote:  
>>>> A bunch of web pages of mine need the same function. Right now, I put  
>>>> the Subs in each individual page.  
>>>>  
>>>> I think there must be a way to save my Subs in a separate file and then  
>>>> have each web page link to it. Could you guys please let me know how  
>>>> to do this? Thanks a lot!  
>>>>  
>>>> There are a variety of ways. One way is to just make a new class file (a .vb  
>>>> or .cs file) and then reference the function that way.  
>>>>  
>>>> I typically make a new class file called sharedFunctions and then put  
>>>> specific functions within it. I can then reference them from any file in the

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>>> project: sharedFunctions.myFunction()  
>>>  
>>> -Darrel  
>>>

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• *Follow-Ups:*

- ◆ [Re: How to share VB code across multiple pages?](#)  
◇ From: Juan T. Llibre

• *References:*

- ◆ [Re: How to share VB code across multiple pages?](#)  
◇ From: antonyliu2002
- ◆ [Re: How to share VB code across multiple pages?](#)  
◇ From: Juan T. Llibre
- ◆ [Re: How to share VB code across multiple pages?](#)  
◇ From: antonyliu2002

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