

RE: FindControl() on ASP.NET UserControl Objects

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.aspnet/2007-05/msg01667.html>

- *From:* Alex Maghen <AlexMaghen@xxxxxxxxxxxxxxxxxxx>
 - *Date:* Mon, 14 May 2007 08:16:02 -0700
-

STeven, when I look in the code-behind for the user control, despite the fact that the control is in a folder named "Controls", I have named the Class "MyUC" (with no underscores or anything). I should be able to do that as long as it's unique.

What's so weird is that sometimes the thing compiles and other times it doesn't. Sometimes the Intellisense comes up and other times it doesn't. Seems to be based on whether I've "touched" the files or not or something. I have an ASPX which doesn't have a code-behind and the some code compiles perfectly that way. If I run that page first then go back to VS and set the ASPX *with* the code-behind as the Start Up page, then even *that* page runs – unless I then go and touch the ASCX and then it stops working.

I tried the "VirtualPath" thing you suggested and still this is happening.

Yes, I would VERY much appreciate ti if you would create a very simple sample with this structure:

/Default.aspx

/Default.aspx.cs (code-behind) – which uses the "MyUC" type in the code somewhere

/Controls/MyUC.ascx

/Controls/MyUC.ascx.cs (code-behind)

Your help is MUCH appreciated!

Alex

"Steven Cheng[MSFT]" wrote:

Hi Alex,

For the type missing issue you met, I agree that adding a reference directive in your aspx page(which use the usercontrols) is the reasonable approach. I'm not sure about how your codebehind is written and whether is your ascx usercontrol put(in a sub folder?). I think there are some other

RE: FindControl() on ASP.NET UserControl Objects

things you can check:

1. Try using the "@Reference" directive with "VirtualPath" attribute to specify the usercontrol reference. e.g.

```
=====
<% @ Page Language="C#" AutoEventWireup="true" CodeFile="testcode.aspx.cs"
Inherits="test_testcode" %>

<% @ Register Src="~/uc/HelloWorldUC.ascx" TagName="HelloWorldUC"
TagPrefix="uc1" %>

<% @ Reference VirtualPath="~/uc/HelloWorldUC.ascx" %>
=====
```

Then, in you codebehind use VS IDE intellisense to get the usercontrol instance to see whether you can correctly use intellisense to navigate all the public members of the usercontro class.

2. ASP.NET 2.0 Will use folder hierarchy to naming the usercontrol's codebehind class. e.g.

if you have a usercontrol named "HelloWorldUC.ascx" and put it in a sub folder, the codebehind class name will become:

```
public partial class uc_HelloWorldUC : System.Web.UI.UserControl
{
```

So you can also verify whether you've used the correct class name(identical to the one in the ascx usercontrol's codebehind file) in your main page.

If you feel necessary, I can also send you a set of test page and control for your reference.

Please feel free to post here if you have any questions.

Sincerely,

Steven Cheng

Microsoft MSDN Online Support Lead

```
=====
Get notification to my posts through email? Please refer to
http://msdn.microsoft.com/subscriptions/managednewsgroups/default.aspx#notif
```

RE: FindControl() on ASP.NET UserControl Objects

ications.

Note: The MSDN Managed Newsgroup support offering is for non-urgent issues where an initial response from the community or a Microsoft Support Engineer within 1 business day is acceptable. Please note that each follow up response may take approximately 2 business days as the support professional working with you may need further investigation to reach the most efficient resolution. The offering is not appropriate for situations that require urgent, real-time or phone-based interactions or complex project analysis and dump analysis issues. Issues of this nature are best handled working with a dedicated Microsoft Support Engineer by contacting Microsoft Customer Support Services (CSS) at <http://msdn.microsoft.com/subscriptions/support/default.aspx>.

=====

This posting is provided "AS IS" with no warranties, and confers no rights.