

Re: appsetting in class doesn't work

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.languages.vb/2006-11/msg01314.html>

- *From:* "Robert Dufour" <bdufour@xxxxxxxxxx>
 - *Date:* Thu, 16 Nov 2006 15:24:12 -0500
-

Hi steve,

When running it I'm getting an unhandled exception error on line
s = el.Value.ToString() Object reference not set to an instance of an
object. Thats because with the line
el = cnfg.AppSettings.Settings.Item("TestSetting")

el stays at nothing and thats no doubt because my app.config file is using
the new format generated by the settings designer in VS2005 which is as
follows.

```
<applicationSettings>

<TestClassApConfig.My.MySettings>

<setting name="TestSetting" serializeAs="String">

<value>Testvalue</value>

</setting>

</TestClassApConfig.My.MySettings>

</applicationSettings>
```

And indeed when I tested it using the old style app.config file

```
<appSettings>
<add key="TestSetting" value="TestValue"/>
</appSettings>
```

the code works fine.

The question now becomes, how do you retrieve the TestSetting value when you
created your app config file using the built in tools of VS2005 – creating a
new app.config file with add item–new item– application configuration and
putting application scope settings in the file by using the Myproject –
settings to write settings while developping in the IDE.

Thanks for your help,

Bob

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"Steve Long" <Steve_Noneya@xxxxxxxxxx> wrote in message
news:esZh6WbCHHA.3524@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Robert, this is my first foray into the configuration system of .NET 2.0 and it seem ridiculously difficult to me but here's how I got the value of the item that you are trying to retrieve.

First the config file:

```
<appSettings>  
  
<add key="TestSetting" value="TestValue"/>  
  
</appSettings>
```

Now the code:

```
Dim s As String  
  
Dim cnfg As System.Configuration.Configuration  
  
Dim el As KeyValueConfigurationElement  
  
cnfg =  
System.Configuration.ConfigurationManager.OpenExeConfiguration(ConfigurationUserLevel.None)  
  
el = cnfg.AppSettings.Settings.Item("TestSetting")  
  
s = el.Value.ToString()
```

This does indeed return the value that I have "TestValue" in the config file.

HTH

S

P.S. It seems much easier in VS2003

"Robert Dufour" <bdufour@xxxxxxxxxx> wrote in message
news:eGfK2daCHHA.1012@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx

```
Here's the class code snippet  
Imports System.Configuration.ConfigurationManager  
  
Public Class Class1  
  
Public _strTestSetting As String
```

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```
Public Sub SetTestsetting()  
  
    _strTestSetting = AppSettings.Get("TestSetting") –should get the value of  
    TestSetting in app config file  
  
End Sub  
  
End Class
```

This is the snippet in the project calling the class –Project TestIt – To test you should have a setting named TestSetting application scope, value Testvalue

```
Imports System.Configuration  
  
Public Class Form1  
  
    Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As  
        System.EventArgs) Handles Button1.Click  
  
        Dim mycls As New clsTestconfig.Class1  
  
        mycls.SetTestsetting()  
  
        Label1.Text = mycls._strTestSetting  
  
    End Sub  
  
End Class
```

There's a setting TestSetting in the settings file of the project Testit

Put a breakpoint on line

```
_strTestSetting = AppSettings.Get("TestSetting")
```

Click the button, you will see as you step over the breakpoint that the value of _strTestSetting stays at nothing. ie, its not picking up the value of TestSetting in app.config.

How can I get this pickup of the value to work?

Thanks for any help

Bob

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