

## Re: ASP.NET and COM+

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- *From:* Bennie Haelen <[bhaelen@xxxxxxxxx](mailto:bhaelen@xxxxxxxxx)>
  - *Date:* Sat, 03 Sep 2005 16:26:24 -0700
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Hi Rinaldo,

You should create a new assembly, which contains the IProvider interface. When you COM+ component runs as a Server Application, the call to the Serviced Component is remotod, but your client does not have the Interface locally, hence the "QI for IProvider" failed message.

When you run as a library package, you have your assembly local within the same appdomain, so you don't have that issue.

Heop this helps,

Bennie Haelen

Rinaldo F. Junior wrote:

Hi!

I am trying to run a simple prototype for a web application that involves ASP.NET and COM+. The solution is composed from the following projects

ASP.NET -> calls -> .NET Serviced Component -> calls -> .NET Component -> calls -> Database.

My Serviced Component has the following elements (some code ommited for clarity):

```
<InterfaceTypeAttribute(ComInterfaceType.InterfaceIsDual),  
Guid("9ED54F84-A89D-4fcd-A854-44251E925F09")> _  
Public Interface IProvider  
Function GetUsers() As DataSet  
End Interface
```

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```
<ClassInterface(ClassInterfaceType.AutoDual),
Guid("9FK51F44-B19E-4fcd-A288-32901G925P02")> _
Public NotInheritable Class Provider
Inherits ServicedComponent
Implements IProvider

    Public Function GetUsers() As DataSet Implements IProvider.GetUsers
        Dim var As New DALNet      'Simple DAL component, out of COM+
        .....
    End Function

End Class
```

This component is registered under COM+ 1.5 as a Server application, it has an strong name, fixed assembly version, fixed applicationid, fixed progid and is installed on the GAC. The component has a Role that contains the ASP.NET user.

When I call the Serviced Component from ASP.NET I receive the error "QueryInterface for interface IProvider not found". If I change the component to run as a Library application this error doesn't occur. I have read a lot about ASP.NET/COM+ but could not find anything to help me solve this problem. I really appreciate your help.

Best regards,  
Rinaldo F. Junior