

RE: Assembly binding problem

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.aspnet/2006-02/msg04505.html>

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 - *Date:* Mon, 27 Feb 2006 12:11:27 -0800
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I should also add that the assembly is in the GAC and if I drop it in the bin directory it works fine.

--
-Steven

"Steven Berkovitz" wrote:

I have several ASP.NET applications with near identical web.config files. In one of them I am successfully able to bind to an assembly while on others I am not.

All of them have the following qualifiers:

```
<runtime>  
<assemblyBinding xmlns="urn:schemas-microsoft-com:asm.v1">  
<qualifyAssembly partialName="OrderDynamics.ImageService.Interfaces"  
fullName="OrderDynamics.ImageService.Interfaces, Version=1.0.0.0, Culture=neutral, PublicKeyToken=66300  
</assemblyBinding>  
</runtime>
```

Using fusionlogvw, I can see that in the working app it is successfully using the web.config file:

*** Assembly Binder Log Entry (2/27/2006 @ 2:57:41 PM) ***

The operation was successful.
Bind result: hr = 0x0. The operation completed successfully.

Assembly manager loaded from:
C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\mscorlib.dll
Running under executable
C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\aspnet_wp.exe
--- A detailed error log follows.

RE: Assembly binding problem

=== Pre-bind state information ===

LOG: User = STEVENDOTNET\ASPNET

LOG: DisplayName = OrderDynamics.ImageService.Interfaces

(Partial)

LOG: Appbase = file:///C:/Visual Studio Projects/Nutrazone/Liposlim/

LOG: Initial PrivatePath = C:\Visual Studio Projects\Nutrazone\Liposlim\bin

LOG: Dynamic Base = C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\Temporary ASP.NET Files\liposlim\408be0eb

LOG: Cache Base = C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\Temporary ASP.NET Files\liposlim\408be0eb

LOG: AppName = 17777a67

Calling assembly : Business Logic, Version=2.0.0.0, Culture=neutral,

PublicKeyToken=e07d99407b976026.

===

LOG: This bind starts in default load context.

LOG: Using application configuration file: C:\Visual Studio Projects\Nutrazone\Liposlim\web.config

LOG: Using host configuration file:

C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\aspnet.config

LOG: Using machine configuration file from

C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\config\machine.config.

LOG: Partial reference qualified from config file. New reference:

OrderDynamics.ImageService.Interfaces, Version=1.0.0.0, Culture=neutral,

PublicKeyToken=663065290036ba4e.

LOG: Binding succeeds. Returns assembly from

C:\WINDOWS\assembly\GAC_MSIL\OrderDynamics.ImageService.Interfaces\1.0.0.0__663065290036ba4e\

LOG: Assembly is loaded in default load context.

However the non working app shows:

*** Assembly Binder Log Entry (2/27/2006 @ 2:54:56 PM) ***

The operation failed.

Bind result: hr = 0x80070002. The system cannot find the file specified.

Assembly manager loaded from:

C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\mscorlib.dll

Running under executable

C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\aspnet_wp.exe

--- A detailed error log follows.

=== Pre-bind state information ===

LOG: User = STEVENDOTNET\ASPNET

LOG: DisplayName = OrderDynamics.ImageService.Interfaces

(Partial)

LOG: Appbase = file:///C:/Visual Studio Projects/Nutrazone/AdminUI/

LOG: Initial PrivatePath = C:\Visual Studio Projects\Nutrazone\AdminUI\bin

LOG: Dynamic Base = C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\Temporary ASP.NET Files\adminui\a7112056

LOG: Cache Base = C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\Temporary

ASP.NET Files\adminui\a7112056

RE: Assembly binding problem

LOG: AppName = dd7b5eda
Calling assembly : Business Logic, Version=2.0.0.0, Culture=neutral,
PublicKeyToken=e07d99407b976026.
===
LOG: This bind starts in default load context.
LOG: Using application configuration file: C:\Visual Studio
Projects\Nutrazone\AdminUI\web.config
LOG: Using host configuration file:
C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\aspnet.config
LOG: Using machine configuration file from
C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\config\machine.config.
LOG: Policy not being applied to reference at this time (private, custom,
partial, or location-based assembly bind).
LOG: Attempting download of new URL
file:///C:/WINDOWS/Microsoft.NET/Framework/v2.0.50727/Temporary ASP.NET
Files/adminui/a7112056/dd7b5eda/OrderDynamics.ImageService.Interfaces.DLL.
LOG: Attempting download of new URL
file:///C:/WINDOWS/Microsoft.NET/Framework/v2.0.50727/Temporary ASP.NET
Files/adminui/a7112056/dd7b5eda/OrderDynamics.ImageService.Interfaces/OrderDynamics.ImageService.Int
LOG: Attempting download of new URL file:///C:/Visual Studio
Projects/Nutrazone/AdminUI/bin/OrderDynamics.ImageService.Interfaces.DLL.
LOG: Attempting download of new URL file:///C:/Visual Studio
Projects/Nutrazone/AdminUI/bin/OrderDynamics.ImageService.Interfaces/OrderDynamics.ImageService.Inte
LOG: Attempting download of new URL
file:///C:/WINDOWS/Microsoft.NET/Framework/v2.0.50727/Temporary ASP.NET
Files/adminui/a7112056/dd7b5eda/OrderDynamics.ImageService.Interfaces.EXE.
LOG: Attempting download of new URL
file:///C:/WINDOWS/Microsoft.NET/Framework/v2.0.50727/Temporary ASP.NET
Files/adminui/a7112056/dd7b5eda/OrderDynamics.ImageService.Interfaces/OrderDynamics.ImageService.Int
LOG: Attempting download of new URL file:///C:/Visual Studio
Projects/Nutrazone/AdminUI/bin/OrderDynamics.ImageService.Interfaces.EXE.
LOG: Attempting download of new URL file:///C:/Visual Studio
Projects/Nutrazone/AdminUI/bin/OrderDynamics.ImageService.Interfaces/OrderDynamics.ImageService.Inte
LOG: All probing URLs attempted and failed.

One line that pops out is

LOG: Policy not being applied to reference at this time (private, custom,
partial, or location-based assembly bind).

How do I find out why it is not applying the policy?

--
-Steven