

ExceptionManagement Application Block

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.aspnet/2004-05/6458.html>

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I'm trying to extend the ExceptionManager Application Block and build a custom publisher that writes my exceptions to the database. That's easy part. The difficulty I am having is in configuring my web application to use the custom publishers.

Things to note. I have a reference to Microsoft.ApplicationBlocks.ExceptionManager in my web application. The Microsoft.ApplicationBlocks.ExceptionManager is in my GAC, so there is no dll for it in my webapp\bin\debug or release

I added this section at the top of my web.config file. At this time, I haven't even included my custom database publisher, I just want to make sure this is configured correctly.

```
<configSections>
  <section name="exceptionManagement"
type="Microsoft.ApplicationBlocks.ExceptionManagement.ExceptionManagerSectionHandler,Microsoft.ApplicationBlocks.ExceptionManagement" />
</configSections>
<exceptionManagement>
  <publisher mode="on"
assembly="Microsoft.ApplicationBlocks.ExceptionManagement"
type="Microsoft.ApplicationBlocks.ExceptionManagement.DefaultPublisher" />
</exceptionManagement>
```

In my code, I have a web page which is throwing an exception, before it throws it, I am calling the ExceptionManager to publish the exception..

```
ExceptionManager.Publish(ex);
```

According to the default behavior of the ExceptionManager, the exception is being writing into my event log properly.

However, I am getting ANOTHER exception, thrown by the ExceptionManager itself. I've pasted this exception below. Notice that it's not finding the file

<file:///c:/inetpub/wwwroot/lrwintranet/bin/Microsoft.ApplicationBlocks.ExceptionManagement.DLL>.

microsoft.public.dotnet.framework.aspnet: ExceptionManagement Application Block

because it's not there, it's in the Global Assembly Cache!!

How can I configure this to know that my Dlls for the ExceptionManager are in the GAC?

Event Type: Error
Event Source: ExceptionManagerInternalException
Event Category: None
Event ID: 0
Date: 5/27/2004
Time: 11:22:48 AM
User: N/A
Computer: GDURZI-XP
Description:

1) Exception Information

Exception Type: System.Configuration.ConfigurationException
Message: Exception creating section handler.
(c:\inetpub\wwwroot\lrwintranet\web.config line 4)
BareMessage: Exception creating section handler.
Filename: c:\inetpub\wwwroot\lrwintranet\web.config
Line: 4
TargetSite: System.Configuration.IConfigurationSectionHandler
GetFactory(System.String)
HelpLink: NULL
Source: System.Web

StackTrace Information

at System.Web.Configuration.HttpConfigurationRecord.GetFactory(String configKey)
at System.Web.Configuration.HttpConfigurationRecord.Evaluate(String configKey, SectionRecord section)
at System.Web.Configuration.HttpConfigurationRecord.GetConfig(String configKey, Boolean cacheResult)
at System.Web.Configuration.HttpConfigurationRecord.GetConfig(String configKey, Boolean cacheResult)
at System.Web.Configuration.HttpConfigurationRecord.GetConfig(String configKey, Boolean cacheResult)
at System.Web.HttpContext.GetConfig(String name)
at
System.Web.Configuration.HttpConfigurationSystemBase.System.Configuration.IConfigurationSystem.GetConfig(String configKey)
at System.Configuration.ConfigurationSettings.GetConfig(String sectionName)
at
Microsoft.ApplicationBlocks.ExceptionManagement.ExceptionManager.Publish(Exception exception, NameValueCollection additionalInfo)

2) Exception Information

Exception Type: System.IO.FileNotFoundException

Message: File or assembly name

Microsoft.ApplicationBlocks.ExceptionManagement, or one of its dependencies, was not found.

FileName: Microsoft.ApplicationBlocks.ExceptionManagement

FusionLog: === Pre-bind state information ===

LOG: DisplayName = Microsoft.ApplicationBlocks.ExceptionManagement (Partial)

LOG: Appbase = file:///c:/inetpub/wwwroot/lrwintranet

LOG: Initial PrivatePath = bin

Calling assembly : (Unknown).

===

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

LOG: Post-policy reference: Microsoft.ApplicationBlocks.ExceptionManagement

LOG: Attempting download of new URL

file:///C:/WINDOWS/Microsoft.NET/Framework/v1.1.4322/Temporary ASP.NET Files/lrwintranet/2701740a/e67690c7/Microsoft.ApplicationBlocks.ExceptionManagement.DLL.

LOG: Attempting download of new URL

file:///C:/WINDOWS/Microsoft.NET/Framework/v1.1.4322/Temporary ASP.NET Files/lrwintranet/2701740a/e67690c7/Microsoft.ApplicationBlocks.ExceptionManagement/Microsoft.ApplicationBlocks.ExceptionManagement.DLL.

LOG: Attempting download of new URL

file:///c:/inetpub/wwwroot/lrwintranet/bin/Microsoft.ApplicationBlocks.ExceptionManagement.DLL.

LOG: Attempting download of new URL

file:///c:/inetpub/wwwroot/lrwintranet/bin/Microsoft.ApplicationBlocks.ExceptionManagement/Microsoft.ApplicationBlocks.ExceptionManagement.DLL.

LOG: Attempting download of new URL

file:///C:/WINDOWS/Microsoft.NET/Framework/v1.1.4322/Temporary ASP.NET Files/lrwintranet/2701740a/e67690c7/Microsoft.ApplicationBlocks.ExceptionManagement.Exe.

LOG: Attempting download of new URL

file:///C:/WINDOWS/Microsoft.NET/Framework/v1.1.4322/Temporary ASP.NET Files/lrwintranet/2701740a/e67690c7/Microsoft.ApplicationBlocks.ExceptionManagement/Microsoft.ApplicationBlocks.ExceptionManagement.Exe.

LOG: Attempting download of new URL

file:///c:/inetpub/wwwroot/lrwintranet/bin/Microsoft.ApplicationBlocks.ExceptionManagement.Exe.

LOG: Attempting download of new URL

file:///c:/inetpub/wwwroot/lrwintranet/bin/Microsoft.ApplicationBlocks.ExceptionManagement/Microsoft.ApplicationBlocks.ExceptionManagement.Exe.

TargetSite: System.Type.GetType(System.String, Boolean)

HelpLink: NULL

Source: mscorlib

StackTrace Information

at System.Type.GetType(String typeName, Boolean throwOnError)

at System.Web.Configuration.HttpConfigurationRecord.GetFactory(String

microsoft.public.dotnet.framework.aspnet: ExceptionManagement Application Block
configKey)

For more information, see Help and Support Center at
<http://go.microsoft.com/fwlink/events.asp>.