

Re: Manually Created Web Site Does Not Work – What am I Missing?

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<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.aspnet/2008-10/msg00309.html>

- *From:* "Jordan S." <A@xxxxx>
 - *Date:* Sun, 5 Oct 2008 18:38:49 -0700
-

Okay It's working now. Thanks.

I was unaware of the Publish option (I never used it with my 1.1 ASP.NET application). I did as you said, then copied *those* published files to the site that I had been having problems with and it fired right up.

Can you briefly tell me what "Publish" does to the assemblies? Does it compile them with different metadata in the manifest, or does Publish not compile anything differently, but rather, simply knows which files I need and xcopy those to the destination (in which case I could have done the same manually, but simply screwed up and failed to get all of the right files, which lead to all of my problems here)?

Thanks again.

"Juan T. Llibre" <nomailreplies@xxxxxxxxxxxx> wrote in message <news:uLEkT60JJHA.1556@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

re:

!> Were you thinking that I was trying to create a new/separate
!> VS project using the first one as a starting point?

Not a new/separate VS project, but a copy of your first VS project.

If you want to have a distributable copy of your VS project, select "Publish <ProjectName>" from the "Build" menu item in the VS 2008 IDE.

That will allow you to create a directory which will serve as the repository for the compiled/source files you need to distribute.

You can copy *those* files to any IIS server which has the corresponding version of the .Net Framework, and use any virtual directory/application

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name
you choose, as long as the virtual directory/application is configured to
use
the .Net framework targeted.

Juan T. Llibre, asp.net MVP
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=====
"Jordan S." <A@xxxx> wrote in message
news:eqHhrp0JJHA.1156@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

Thanks Juan, your patience is appreciated.

I think I am confused. I am not understanding what is the relationship between my VS project – and therefore assembly names – and the IIS Web site. I have an old version of this application that I have put into production for several clients. For each client, I have (1) created an identical NTFS structure (with domain name as folder name being the only way some of the folders differ); (2) created the Web site in IIS; and (3) copied the underlying SQL Server database. For each different Web site (IIS 6 on Windows Server 2003), I have simply copied the application's dll/asp/ascx/etc files and everything "just works". Now I have undertaken a complete rewrite of that legacy asp.net 1.1 app – this time in 3.5 with lots of updates and many components broken out into their own dlls. IN any case I am confused as to why I can't do what I thought I had done with the older version – and why things didn't work with my development machine when I went to create a 2nd Web site – *outside* of Visual Studio altogether. I do not understand what compiling again or in a new project or from the command line would do for me. Is there some meta data that goes into the output assembly manifest? That would make sense, but I don't know how that relates to my problem. I would sure appreciate a bit more of an explanation. Were you thinking that I was trying to create a new/separate VS project using the first one as a starting point?

"Juan T. Llibre" <nomailreplies@xxxxxxxxxxxx> wrote in message
news:ue%23EUtvJJHA.1968@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

re:
!> I was hoping that my Web site (#2) would not need to
!> have the same name or folder structure as my VS project.

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Your website doesn't need to have the same name. Your VS project must.

re:

!> if that's my only or best option.

You can also compile the assemblies manually from the command-line, using either msbuild or the language compiler your application uses.

I am curious about this that you wrote:

!> 3. Set the NTFS permissions to be the same as those for the same project
!> as created under Visual Studio – including for the ASP.NET account.

As you may, or may not, know, the accounts ASP.NET runs as are different for the ASP.NET Web Development Server embedded into VS 2008...and IIS.

The ASP.NET Dev Server runs as the Administrator account in VS 2008.

When running ASP.NET in IIS 5.1/XP, the account ASP.NET uses is the ASPNET (no dot) account.

That may also affect your database functionality, since the account name passed to your SQL Server database, if you're not using ad-hoc authentication, will be different in each case.

To which account did you grant read/write permissions to ?

If you're not sure which account ASP.NET is running as, run this script

I wrote :

identity.aspx :

```
-----  
<% @ Page Language="VB" %>  
<% @ Import Namespace = System.Security.Principal %>  
<script runat="server">  
Sub Page_Load()  
Dim tmp As String = WindowsIdentity.GetCurrent.Name()  
Label1.Text = "ASP.NET is running as the account : " & tmp
```

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```
End Sub
</script>
<html>
<head>
<title>What account is ASP.NET running as ?</title>
</head>
<body>
<form id="form1" runat="server">
<div>
<asp:Label ID="Label1" Runat="server"
Text="Label"></asp:Label>
</div>
</form>
</body>
</html>
```

Running that script will tell you which account ASP.NET is running as.

That will be the account which needs NTFS permissions.

You may want to run the script in both environments (VS 2008 and IIS), so that you can check that there's a different result for each.

Juan T. Llibre, asp.net MVP
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=====
"Jordan S." <A@xxxx> wrote in message
<news:uZln5HvJJHA.5972@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

Thanks Juan,
I can certainly do as you suggest, and will gladly do so if that's my only or best option.

I was hoping that my Web site (#2) would not need to have the same name or folder structure as my VS project. I plan to copy this ASP.NET Web application for use by multiple customers. Is there any way I can tell ASP.NET to use the dll files from App #1 in the /bin directory of App #2 even though the name doesn't match? Perhaps I'm totally missing some important point here. If so, where can I read

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up on this naming convention? (I'm not sure what terms to search google on for this).

Thanks again.

"Juan T. Llibre"

<nomailreplies@xxxxxxxxxxxx> wrote in message

news:%23T6ya5uJJHA.3680@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

re:

!> 2. Copied all of the site's dll and ascx files into the folder structure, !> with all of the dlls going into the bin folder, as in the VS project's folder structure.

You can't do that.

Dll's in the bin directory have a naming convention based on the Application's name. That's why you're getting the error.

Your second application is trying to find application2.dll in its /bin directory, but only finds application1.dll in its /bin directory.

To solve this, *don't* copy the dlls for the 1st app into the 2nd app's /bin directory.

Create a new VS 2008 blank project, add your aspx/ascx/config/asax files and compile the new

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project.
VS will automatically create
the bin dlls with the correct
name.

Now, you can copy all of
the site's dll and ascx files
into the
virtual folder structure.

Juan T. Llibre, asp.net MVP
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<http://asp.net.do/faq/>
foros de asp.net, en español
: <http://asp.net.do/foros/>

=====
"Jordan S." <A@xxxxx>
wrote in message
<news:u26Vn3rJJHA.3764@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>

On my XP
Pro dev box
I have
created an
ASP.NET
Web
application
using
Visual
Studio 2008
pro. It
works great.
I then went
to manually
create a
copy of the
Web site,
with a
different
name, on
the same
machine. I
did the
following,
and the
Web site
fails to start
with a

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403 error,
or a 404,
depending
on the
particular
resource
requested.

Here are the
steps I have
performed:

1. Created a
new NTFS
folder
structure,
with a \bin
folder under
the
site's root
folder.

2. Copied
all of the
site's dll and
ascx files
into the
folder
structure,
with all of
the dlls
going into
the bin
folder, as in
the
VS project's
folder
structure.
(note: there
are zero
aspx files in
this site, as
all pages
requests are
served via
custom http
handler
factory)

3. Set the
NTFS
permissions

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to be the same as those for the same project as created under Visual Studio – including for the ASP.NET account.

4. Manually created the Web site (web application virtual directory) in IIS (mmc snap-in), being careful to keep the permissions and capabilities the same as those for the Web application virtual directory that Visual Studio had created for the original project.

5. Ran `aspnet_regiis -s` on the new Web site... it ran to completion normally (no error messages)

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when it
ran).

6. Restarted
IIS (via
MMC
snap-in).

After all of
the above,
the site fails
to start. In
Global.Init,

I
write to an
Application
event log...
writing a
brief
message
stating
that the
Web site
started. No
such
message
appears in
the event
log.

In my
custom
override of
Global.Init,
I also have
good
exception
handling
that writes a
warning or
error
message to
the event
log. No
such
message
appears.

Also,
during my
custom
override of
Global.Init,

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I have logic that connects to and queries a local SQL Server database. As I monitor DB activity, the database receives no attempts to connect from this particular ASP.NET Web application.

So it's as if this thing isn't starting at all – at least not my custom logic. If I create a really simple default.aspx file (with static html only and no code-behind), then that is served to the browser just fine. But even in these cases, nothing else works (as described above... no messages written to the event log, so I know my

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custom
Global.Init
isn't
running.

What could
I be
missing?
What to do
now?
Thanks!