No assembly found containing an OwinStartupAttribute Error

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This error

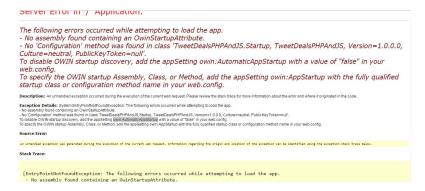> The following errors occurred while attempting to load the app. - No assembly found containing an OwinStartupAttribute. - The given type or method 'false' was not found. Try specifying the Assembly. To disable OWIN startup discovery, add the appSetting owin:AutomaticAppStartup with a value of "false" in your web.config. To specify the OWIN startup Assembly, Class, or Method, add the appSetting owin:AppStartup with the fully qualified startup class or configuration method name in your web.config.

appears on my screen on the most face burningly ugly error page ever created in history.

Server Error in '/' Application.

The following errors occurred while attempting to load the app.
- No assembly found containing an OwinStartupAttribute.
- No 'Configuration' method was found in class 'TweetDealsPHPAndJS.Startup, TweetDealsPHPAndJS, Version=1.0.0.0, Culture=neutral, PublicKeyToken=null'.
To disable OWIN startup discovery, add the appSetting owin:AutomaticAppStartup with a value of "false" in your web.config.
To specify the OWIN startup Assembly, Class, or Method, add the appSetting owin:AppStartup with the fully qualified startup class or configuration method name in your web.config.

Description: An unhandled exception occurred during the execution of the current web request. Please review the stack trace for more information about the error and where it originated in the code.

Exception Details: System.EntryPointNotFoundException: The following errors occurred while attempting to load the app.
- No assembly found containing an OwinStartupAttribute.
- No 'Configuration' method was found in class 'TweetDealsPHPAndJS.Startup, TweetDealsPHPAndJS, Version=1.0.0.0, Culture=neutral, PublicKeyToken=null'.
To disable OWIN startup discovery, add the appSetting owin:AutomaticAppStartup with a value of "false" in your web.config.
To specify the OWIN startup Assembly, Class, or Method, add the appSetting owin:AppStartup with the fully qualified startup class or configuration method name in your web.config.

Source Error:

An unhandled exception was generated during the execution of the current web request. Information regarding the origin and location of the exception can be identified using the exception stack trace below.

Stack Trace:

[EntryPointNotFoundException: The following errors occurred while attempting to load the app.
 - No assembly found containing an OwinStartupAttribute.

Ive tried to follow the instructions on the page by inserting the owin:AutomaticAppStartup in the config

```
<appSettings >
    <add key="owin:AppStartup" value="false"></add>
        </appSettings>
```
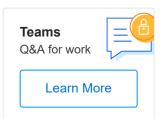
this did not fix the problem. Any suggestions?

[c#] [web-config] [owin] [.net-assembly]

asked Aug 29 '16 at 2:50

NVA
627   2   11   20

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4   Instead of `<add key="owin:AppStartup" value="false">`
    `</add>` could you try `<add key="owin:AutomaticAppStartup"`
    `value="false"></add>` and see if that works? Also, some
    links to help: OWIN Startup Class Detection and Owin provide
    startup class in web.config (no automatic startup discovery) –
    Keyur PATEL Aug 29 '16 at 2:54 ✎

That did the trick. Also thanks for the resources. My Gratitude
@KeyurPATEL. – NVA Aug 29 '16 at 3:10

I think you are missing startup.cs file – Kurkula Apr 7 at 16:24

12 Answers

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124

Add this code in web.config under the tag as shown in
image below. Your error should then be gone.

```
<configuration>
  <appSettings>
    <add key="owin:AutomaticAppStartup" value="false" />
  </appSettings>
  ...
</configuration>
```

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```xml
 1   <?xml version="1.0" encoding="utf-8"?>
 2   <!--
 3     For more information on how to configure your ASP.NET application, please visit
 4     http://go.microsoft.com/fwlink/?LinkId=169433
 5     -->
 6   <configuration>
 7     <appSettings>
 8       <add key="owin:AutomaticAppStartup" value="false" />
 9     </appSettings>
10     <system.web>
11       <compilation debug="true" targetFramework="4.6" />
12       <httpRuntime targetFramework="4.6" />
13       <httpModules>
```

edited May 4 '18 at 19:59

nmg49
1,006   9   20

answered Nov 9 '16 at 6:53

Heemanshu Bhalla
2,313   1   15   37

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3   This is the solution, or at least this solution fixed my problem. Please mark an answer as a solution. This one should be at the top... – Mason Sep 19 '17 at 14:50

1   This worked. Thanks! – Dash Jun 27 '18 at 4:17

Thanks. it's working on my end – Rejwanul Reja Dec 12 '18 at 8:29

Thanks, This worked but can someone tell me what I'm loosing by making this setting value to false? – krishna kanth Dec 12 '18 at 10:54

I wanted to get rid of OWIN in the project:

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1. Delete OWIN references and Nuget packages from project

2. Clean & Rebuild project

3. Run app

Then I got OWIN error. These steps didn't work, **because OWIN.dll was still in bin/ directory**.

FIX:

1. **Delete bin/ directory manually**
2. Rebuild project

answered Jun 28 '17 at 12:37

one_mile_run
1,445   1   16   23

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6   lol - deleting bin and obj folders is always the fix for weird dependency errors – matt.f.c Jul 25 '17 at 16:27

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2   I had previously downloaded and tried the SignalR nuget, which in its turn had added the owin nuget. The packages were deleted, but I also had to delete the bin folder to get it working. – mortb Aug 11 '17 at 10:36

Came here after installing SignalR and aborting the endeavor. Thank you. – John Gerdsen Sep 18 '17 at 17:36

Easy and quick. Worked for me – Dash Sep 24 '17 at 14:04

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uninstall owin package will help as well or removing all dlls having owin with them from references will help – Heemanshu Bhalla Oct 16 '17 at 16:57

14

For those who do want owin to start, `<add key="owin:AutomaticAppStartup" value="false" />` won't work, but the following worked for me.

1. if you have a partial class "Startup" in your Startup.Auth file, create another partial Startup class in the root of your project.

2. define an assembly owinstartup attribute pointing to

4. rebuild your application

You could also create the "Configuration" method, and add the assembly attribute to the Startup.Auth, but doing it this way allows you to keep your Startup class separated by leveraging C# class definition splitting. Read more here: https://docs.microsoft.com/en-us/dotnet/csharp/programming-guide/classes-and-structs/partial-classes-and-methods

This is what my Startup.cs file looked like:

```
using Microsoft.Owin;
using Owin;

[assembly: OwinStartupAttribute(typeof(ProjectNameSpace.Sta

namespace ProjectNameSpace
{
    public partial class Startup
    {
        public void Configuration(IAppBuilder app)
        {
            ConfigureAuth(app);
        }
    }
}
```

answered Oct 29 '17 at 0:08

robthedev
141   1   2

This worked for me, i realized that this happen when the project have a dot in it's name. So if the namespace its like "namespace ProjectNameSpace.ApiRest" then defining an assembly like in your example fix the problem. – karique Jan 7 at 21:30

I was missing the attribute:

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```
[assembly: OwinStartupAttribute(typeof(projectname.Startup
```

Which specifies the startup class. More details:
https://docs.microsoft.com/en-
us/aspnet/aspnet/overview/owin-and-katana/owin-startup-
class-detection

answered Sep 20 '17 at 11:18

Vishal
358   5   8

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you may not have Configuration method in the class you
mentioned in

5

```
<appSettings>
<add key="owin:AppStartup" value="WebApplication1.App_Star
```

answered Jul 20 '17 at 4:11

Nattachai
Suteerapongpan
129   2   5

Check you have the correct startup project selected. I had
a web api project as startup. That generated this error.

1

answered Jun 20 '17 at 10:26

Wilkoteg

I got this error because there was an extra white space in the code

Instead of

```
<add key="owin:AutomaticAppStartup" value="false" />
```

It was

```
<add key="owin:AutomaticAppStartup " value="false" />
```

answered Dec 31 '17 at 10:26

Roshna Omer
356   1   8   14

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just replacing

```
using (WebApp.Start(url))
```

with

```
using (WebApp.Start<Startup>(url))
```

solved my problem. The class named Startup was already implemented. as mentioned above by @robthedev

answered Jun 18 '18 at 11:01

Abhay
14   5

0
to my branch wich wasn't. This solved the issue.

Check if you have the **Startup** class created in your
project. This is an example:

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```
using Microsoft.Owin;
using Owin;

[assembly: OwinStartupAttribute(typeof({project_name}.Star

namespace AuctionPortal
{
    public partial class Startup
    {
        public void Configuration(IAppBuilder app)
        {
            ConfigureAuth(app);
        }
    }
}
```

just paste this code `<add key="owin:AutomaticAppStartup"`
`value="false" />` in Web.config Not In web.config there is
two webconfig so be sure that it will been paste in
Web.Config

Gaurav soni
1

Add the following key in Web.config will remove the code

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```
<appSettings>
  <add key="owin:AutomaticAppStartup" value="false" />
</appSettings>
```

answered Jan 6 at 17:59

Debendra Dash
2,352   19   23