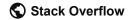
Home

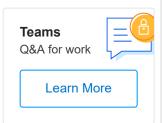
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The type or namespace name 'Objects' does not exist in the namespace 'System.Data'

Ask Question



I am using entities, C# and SQL Server to create an n-tier app. I am creating some base classes common to all my DAL components. In this base class, i want to handle the connection state of the ObjectContext base class inherited by entities object.



Compiling throws the following error:

14

The type or namespace name 'Objects' does not exist in the namespace 'System.Data' (are you missing an assembly reference?)

Also, the using statement System.Data.Objects doesn't resolve for the same reason.

I tried adding the assembly as reference, but couldn't find it in the .NET tab of assembly references.

Any thoughts? Thanks!



edited Dec 29 '16 at 20:18



acked Aug 13 '00 at 22:43

8 Answers



You need to add a reference to the .NET assembly System.Data.Entity.dll.

192

answered Aug 13 '09 at 22:49



Joshua Belden 6.843 5 26 45



1 It worked! Curious, if the System.Data.objects namespace is indeed present within the System.Data.Entity? – pencilslate Aug 13 '09 at 22:51

thanks .that worked. - Usama Khalil Mar 1 '17 at 8:25



If you are using Entity Framework 6, the name space has changed. You want to use

50

System.Data.Entity.Core.Objects.ObjectQuery



answered Feb 18 '14 at 21:27



James

834 13 23

I have Entity Framework 6.1.3 installed through nuget package manager. I don't have YET referenced Microsoft's assembly System.Data.Entity. Its giving me errors. So my question is that do I need to reference System.Data.Entity FIRST before adding that using statement? – vibs2006 Apr 24 '17 at 5:50



Upgraded from EF5 to EF6 nuget a while back and kept encountering this issue. I'd temp fix it by updating the generated code to reference

31



System.Data.Entity.Core.Objects, but after generation it would be changed back again (as expected since its generated).

This solved the problem for good:

http://msdn.microsoft.com/en-us/data/upgradeef6

If you have any models created with the EF Designer, you will need to update the code generation templates to generate EF6 compatible code. *Note:* There are currently only EF 6.x DbContext Generator templates available for Visual Studio 2012 and 2013.

1. Delete existing code-generation templates. These files will typically be named <edmx_file_name>.tt and <edmx_file_name>.Context.tt and be nested under your edmx file in Solution Explorer. You can select the templates in Solution Explorer and press the Del key to delete them.

Note: In Web Site projects the templates will not be nested under your edmx file, but listed alongside it in Solution Explorer.

Note: In VB.NET projects you will need to enable 'Show All Files' to be able to see the nested template files.

- Add the appropriate EF 6.x code generation template. Open your model in the EF Designer, right-click on the design surface and select Add Code Generation Item...
 - If you are using the DbContext API (recommended) then EF 6.x DbContext

c# - The type or namespace name 'Objects' does not exist in the namespace 'System.Data' - Stack Overflow

Note: If you are using Visual Studio 2012, you will need to install the EF 6 Tools to have this template. See <u>Get Entity Framework</u> for details.

- If you are using the ObjectContext API then you will need to select the Online tab and search for EF 6.x EntityObject Generator.
- 3. If you applied any customizations to the code generation templates you will need to re-apply them to the updated templates.

edited Feb 17 '15 at 17:23



bdukes

116k 19 127 164

answered Apr 1 '14 at 17:07



Tim Valentine

824 9 10



Same problem in VS 2013

3

I added in Web.config:



<add assembly="System.Data.Entity, Version=4.0.0.0, Culture
PublicKeyToken=B77A5C561934E089" />

It worked like a charm.

I found it on page:

http://www.programmer.bz/Home/tabid/115/asp_net_sql/28 1/The-type-or-namespace-name-Objects-does-not-exist-inthe-namespace-SystemData.aspx

answered Jan 8 '14 at 18:26



In my case for EF 6+, when using this:

3

System.Data.Entity.Core.Objects.ObjectQuery



As part of this command:

```
var sql = ((System.Data.Entity.Core.Objects.ObjectQuery)que
```

I got this error:

```
Cannot cast 'query' (which has an actual type of
'System.Data.Entity.Infrastructure.DbQuery<<>f__AnonymousTy
to 'System.Data.Entity.Core.Objects.ObjectQuery'
```

So I ended up having to use this:

```
var sql =
((System.Data.Entity.Infrastructure.DbQuery<<>f__Anonymous
```

Of course your anonymous type signature might be different.

HTH.

edited Sep 2 '15 at 18:20



2,860 5 36 52



if you want to use "System.Data.Objects.EntityFunctions"

2

use "System.Data.Entity.DbFunctions" in EF 6.1+



answered Dec 17 '14 at 11:22



sumanth



I added a reference to the .dll file, for System.Data.Linq, the above was not sufficient. You can find .dll in the various directories for the following versions.



System.Data.Linq C:\Program Files (x86)\Reference Assemblies\Microsoft\Framework\v3.5\System.Data.Linq.dl I 3.5.0.0

System.Data.Linq C:\Program Files (x86)\Reference Assemblies\Microsoft\Framework.NETFramework\v4.0\Pro file\Client\System.Data.Linq.dll 4.0.0.0

answered Aug 7 '11 at 19:08



Tom Cubbins

2 Correction this answers a question where : The type or namespace name 'Linq' does not exist in the namespace 'System.Data' – Tom Cubbins Aug 7 '11 at 19:11



answered Jun 1 '17 at 13:26



Hi Null29, can you explain how your answer is better than the ones already provided? – Noel Widmer Jun 1 '17 at 13:48