

[Home](#)[PUBLIC](#)[Stack Overflow](#)[Tags](#)[Users](#)[Jobs](#)**Teams**  
Q&A for work[Learn More](#)

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

[Ask Question](#)

93 ▲ 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 theObjectContext base class inherited by entities object.

14 ★ Compiling throws the following error:

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!

[c#](#)[.net](#)[visual-studio-2008](#)[linq-to-entities](#)[entities](#)

edited Dec 29 '16 at 20:18



[jessehouwing](#)

70.2k

11

165

246

asked Aug 13 '09 at 22:43

By using our site, you acknowledge that you have read and understand our [Cookie Policy](#), [Privacy Policy](#), and our [Terms of Service](#).

## 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

By using our site, you acknowledge that you have read and understand our [Cookie Policy](#), [Privacy Policy](#), and our [Terms of Service](#).

31

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

`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  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.*

2. 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**

By using our site, you acknowledge that you have read and understand our Cookie Policy, Privacy Policy, and our Terms of Service.

**Note:** If you are using Visual Studio 2012, you will need to install the EF 6 Tools to have this template. See [Get Entity Framework](#) for details.

- If you are using theObjectContext 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/281/The-type-or-namespace-name-Objects-does-not-exist-in-the-namespace-SystemData.aspx](http://www.programmer.bz/Home/tabid/115/asp_net_sql/281/The-type-or-namespace-name-Objects-does-not-exist-in-the-namespace-SystemData.aspx)

answered Jan 8 '14 at 18:26

By using our site, you acknowledge that you have read and understand our [Cookie Policy](#), [Privacy Policy](#), and our [Terms of Service](#).



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)qu
```

I got this error:

```
Cannot cast 'query' (which has an actual type of  
'System.Data.Entity.Infrastructure.DbQuery<>f__AnonymousT'  
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

28 6



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.

0



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

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

answered Aug 7 '11 at 19:08



Tom Cubbins

1

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

0



answered Jun 1 '17 at 13:26



Null29

1 1

---

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

---