



Upgrade from Entity

After upgrading our project (update function) i get the error 1 The type or namespace name 'EntityClient' does not exist in the namespace 'System.Data' (are you missing an assembly reference?)

I understand that this is about changing my imports from System.Data.Objects.DataClasses to System.Data.EntityClient. However the file is generated there something extra to add?

`c#` `entity-framework` `er`

2 Answers

I think your problem is, that you are using EF version 5.

First you have to delete the current code generation items, which are in the code behind of the model, namely `<Modelname>.Context.tt` and `<Modelname>.tt`. Next add a new EF version 6 code generator with Right click in the model designer -> Add Code Generation Item ... -> EF 6.x DbContext Generator.

share edit

answered Feb 20 '14 at 5:38

boindil 3,122 • 13 • 22

- 1 That seems to have done the trick, Thankyou - RossBille Feb 21 '14 at 3:21
For me it worked after i changed my advanced system settings <http://stackoverflow.com/questions/19664833/metadata-file-not-found-data-entity-model> and after that changed .tt file version as described in this post, thanks. - Edgars Šturms Oct 2 '14 at 21:56
- 2 That worked for me too but I didn't have the EF 6.x DbContext Generator object available until I installed the tools for VS2012. Get them from: microsoft.com/en-us/download/details.aspx?id=40762 - davaus Nov 18 '14

WebMoneyParserService - Microsoft Visual Studio (Administrator)

```

using System.Linq;
using System.Text;

namespace WebMoneyParserService
{
    class CN
    {
        public static string getConStrSQL()
        {
            string connectionString = new System.Data.EntityClient.EntityConnection
            {
                Metadata = "res://*",
                Provider = "System.Data.SqlClient",
                ProviderConnectionString = new System.Data.SqlClient.SqlConnection
                {
                    InitialCatalog = System.Configuration.ConfigurationManager.AppSettings["InitialCatalog"],
                    DataSource = System.Configuration.ConfigurationManager.AppSettings["DataSource"],
                    IntegratedSecurity = false,
                    UserID = System.Configuration.ConfigurationManager.AppSettings["UserID"],
                    Password = System.Configuration.ConfigurationManager.AppSettings["Password"]
                }.ConnectionString
            }.ConnectionString;
        }
    }
}

```

Error List

Code	Description
CS0234	The type or namespace name 'EntityClient' does not exist in the namespace 'System.Data' (are you missing an assembly reference?)
CS0012	The type 'EntityConnection' is defined in an assembly that is not referenced. You must add a reference to assembly 'System.Data.Entity, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089'.
CS0012	The type 'ObjectSet<>' is defined in an assembly that is not referenced. You must add a reference to assembly 'System.Data.Entity, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089'.
CS0012	The type 'ObjectSet<>' is defined in an assembly that is not referenced. You must add a reference to assembly 'System.Data.Entity, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089'.
CS0012	The type 'ObjectSet<>' is defined in an assembly that is not referenced. You must add a reference to assembly 'System.Data.Entity, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089'.
CS0012	The type 'ObjectContext' is defined in an assembly that is not referenced. You must add a reference to assembly 'System.Data.Entity, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089'.

2 Changing Code generation from T4 to Legacy objectContext causes exceptions?

0 Update Model from Database reverts manual changes made to .context file

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Changing EF's default connection factory from LocalDb to Sql Server

David Obando [MSFT] August 14, 2012

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When you create a new project that makes use of Entity Framework 5, you'll notice how it uses LocalDb by default now. But let's assume you have a fully working instance of Sql Server that you wish to work against instead of LocalDb. How do you tell EF to use it? Simple, modify your application's config file. If you are running a web service or a website, your config file is web.config. If you are running a console application or a windows application, look for app.config.

LocalDb

```
<entityFramework>
  <defaultConnectionFactory type="System.Data.Entity.Infrastructure.LocalDbConnectionFactory, EntityFramework">
  </defaultConnectionFactory>
  <parameters>
    <parameter value="mssqllocaldb" />
  </parameters>
</entityFramework>
```

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