# How to properly delete and re-add Entity Data Model

Ask Question

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newbie to Entity Framework here. Using VS 2010 and SQL Server 2008 express DB.

★

I was having trouble refreshing an Entity Data Model after adding new tables. So, I followed a suggestion I found here to just delete and regenerate the model.

I get to the "Choose Your Data Connection" section of the Entity Data Model Wizard and "Save entity connection settings in Web.config as:" is checked. However, my existing name has a 1 appended to it. For example MyDatabaseEntities is now MyDatabaseEntities1. Of course, I don't want the "1" appended. I killed the existing connection string in Web.config and removed all references to that name in my solution. Yet when I try to

continue I'm presented with the following error:

"'MyDatabaseEntites' conflicts with an existing property name in the Application Settings. Please choose a different name"

I can't find a reference to that name anywhere in the solution. I can uncheck that option and it will continue, but it STILL won't add two of the tables in the database. Next, I completely shut everything down, rebooted, and tried again. This time I didn't get the error above, but two of my three new tables still do not get added to the edmx model.

Any ideas are appreciated. Also this seems like it's still pretty buggy even in VS2010/.NET 4. Help restore my faith...I feel like abandoning Entity Framework at this point. Based on my experience so far and some of the other issues posted here, I feel like I'm going to spend more time chasing Entity Framework strangeness than writing useful code.

UPDATE: I found a resolution. The

designer doesn't display errors. You have have to look in the native XML (edmx file) to see the errors. See here: [ADO.NET Entity Framework: Update Wizard will not add tables](#)

entity-framework

datamodel    edmx

edited May 23 '17 at 12:09

Community ♦

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asked Jan 6 '11 at 17:19

David

**237**    1    3    7

Just to comment on the "'MyDatabaseEntites' conflicts with an existing property name in the Application Settings. Please choose a different name": It seems that VS looks in ALL .config files for the entire solution after the name, not just the one that belongs to the project to which the Data Model is being added. So you have to remove the setting from ALL .config files in the solution. – Torben Rahbek Koch Sep 21 '12 at 7:35

possible duplicate of [ADO.NET Entity Framework: Update Wizard will not add tables](#) – rcdmk Mar 11 '13 at 20:40

Delete all existing connection string from web config file

and build the application. Now you can use the existing property names. – AG Kumar Feb 10 '17 at 14:50

## 7 Answers

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The error is caused by leftover connection strings in settings in "App.Config" file (see solution explorer) and it's in this section: "connectionStrings" (surrounded by angle brackets)

Just delete it from there.

answered Mar 25 '12 at 0:26

techvslife
**752**   5   16

1   I deleted my connection string but was still getting the error message. Had to restart VS – user65439 Jul 2 '13 at 17:43

I'm getting this issue in VS15 however there is no connectionstring in my web.config and i have no app.config. – xiimoss Mar 21 '17 at 15:25

Thanks, it is working as you mentioned. – Gobind Gupta Jun 14 '18 at 12:41

1. Restart IIS if you develop web

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app.

2. Restart Visual
   Studio After
   Deleting The
   `EntityDataModel`
   Connection String
   Line from
   web.config or
   app.config

3. Add New Entity
   `Data Model` and
   rename it like old
   name,

edited Oct 20 '12 at 9:15

Pete Carter
**2,447**   2   18   33

answered Jun 8 '12 at 2:20

Hady Shaltout
**117**   1   2   12

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Double check your
connection strings,
and keep scrolling to
the right. Most often,
when this happens to
me, Visual Studio has
appended a
connection string
behind another. I've
done this a couple
times, and wondered
where my app config
was (no, there is no
app config, just web
config in mvc), so the
dialog is a little
confusing. Sure
enough, most likely
that connection string
is lurking directly
behind another!

answered Mar 31 '17 at 1:51

Sean Haddy
**1,168**   1   12   15

so true, same thing happened to me. can't even find through Search solution – Danish May 6 '18 at 9:41

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I don't know the specific answer to your problem, but I think I can recommend an approach that will clear up this conflict.

I generally break my EF work into a separate library. If I'm working on Cyberdyne.Terminator, I make an EF class library called Cyberdyne.Terminator. Data. That way, if you want to blow away the model and start over, everything is separate from your dependent files, and in particular, your web.config.

None of this is likely to fix the missing tables, probably. The one thing I've seen where this happens is if I add a table, and then delete it. It will not appear again in the "Add Tables" dialog (and you have to rename it to get it to show). But I thought that was fixed in EF 4.0. Dunno. If the problem persists you might try renaming the table, re-adding it, and then renaming it back if it shows up.

EF is a pain in the ass to be sure. The only thing I can tell you is that I've generally had to work through these headaches, learn the issue, and never be bothered by them again. If you can't stand EF, you might also look at NHibernate - I have a very strong impression of that as well.

answered Jan 6 '11 at 17:59

Chris B. Behrens
**5,154**    5    36    61

1    Thanks for the response Chris. That's a good suggestion on the separate library. I did find a resolution to my issue here: stackoverflow.com/questions/543971/… I should have searched a little more before posting. – David  Jan 6 '11 at 19:01 ✎
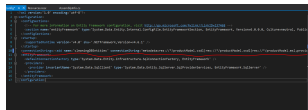
Wow...that is crazy. That really ought to be a popup message rather than buried in the XML. – Chris B. Behrens Jan 10 '11 at 16:46
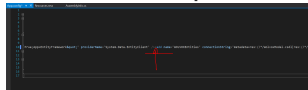
0    Actually this is frustrating, since you trying to see in app.config that if there's a another string and you see only 1 string, Actually What VS does is sometimes append second string in the

same line. see this
picture below



Does it look like there
are 2
ConnectionStrings?
(ACTUALLY YES)

Now, see this pic:



Also you can press
Ctrl+ED to format the
config file and see if
there's another
second string hiding
somewhere. Hope this
will help someone.

answered May 6 '18 at 9:47


**Danish**
**784**    7    20

Just press

0            Ctrl+F

keys and in dropdown
list select
'EntireSolution/Current
Project', then press
enter. where ever this
name generated it will
show you. I get into
**web.config** file. so
delete that generated
complete connection
line from there. and re
add it again. Then
hope you may not get
this message
again.Thank you..

answered Jul 2 '17 at 14:27

**dawood abbas**
**21**    1    8

> didn't help. i tried
> searching though the
> whole solution. –
> Danish May 6 '18 at
> 9:51

im so sorry for my
english but the
solution is simply. you
have to delete the
ado.net then, go to
app.conf and delete
the connection
string<>, DEBUG your
project and finally add
the new database
through ado.net

**-2**

```
TO ADD ADO.NET
RIGHT CLICK ON YOUR PRO

I hope help you, have
angelsantacruzm
```

answered May 17 '16 at 5:59

**angel santa cruz**
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