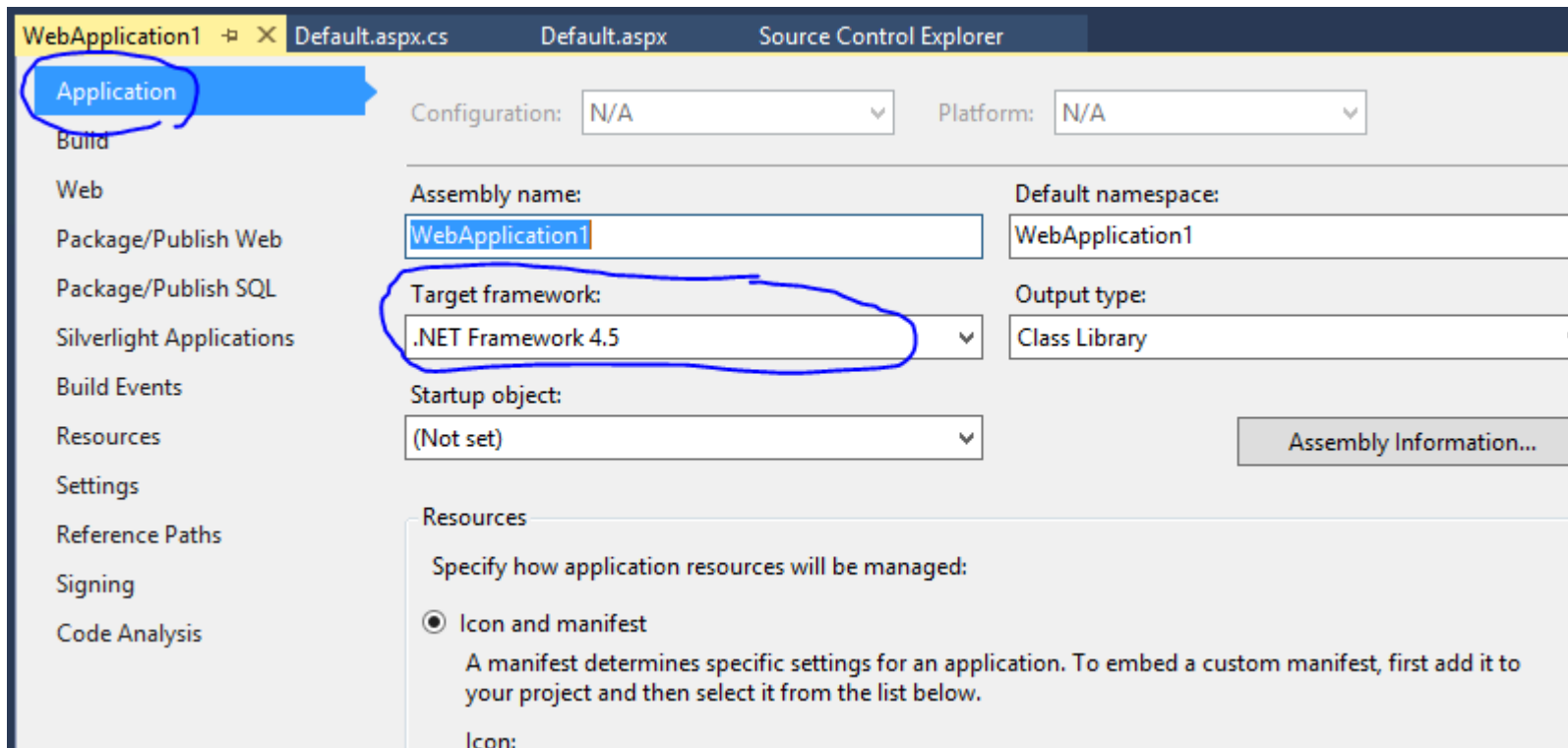


Database First koppling

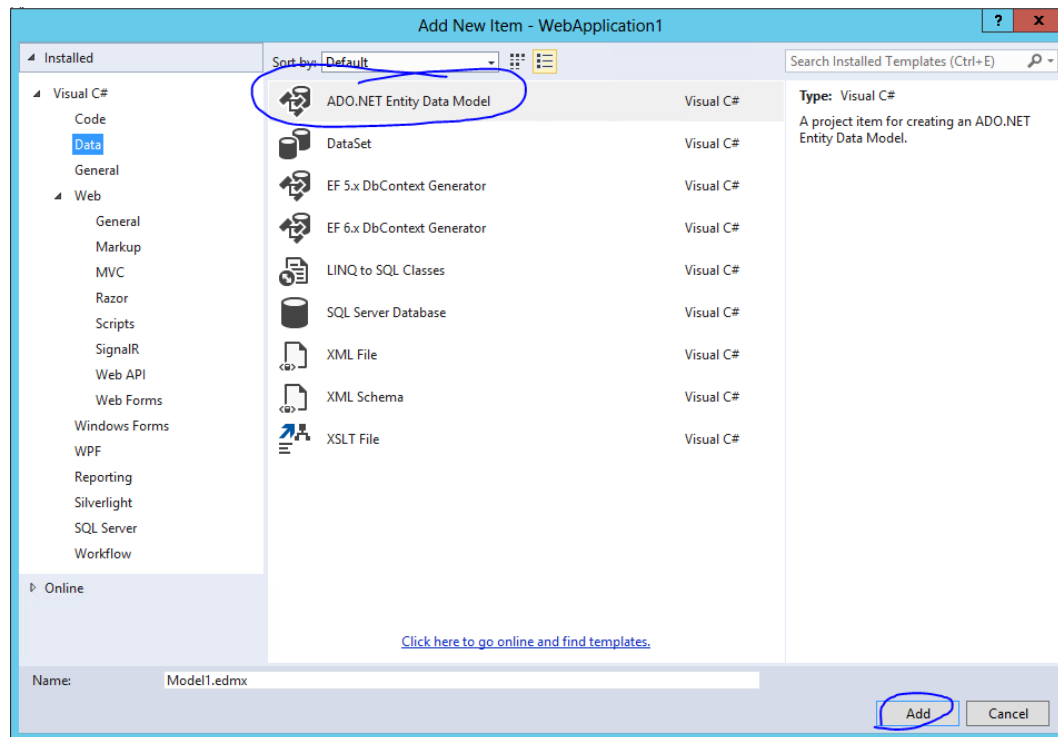
Först måste du säkerställa att du använder .Net Framework 4.5.

- I ditt projekt, högerklicka på ditt projekt -> välj properties
se bilden nedan:



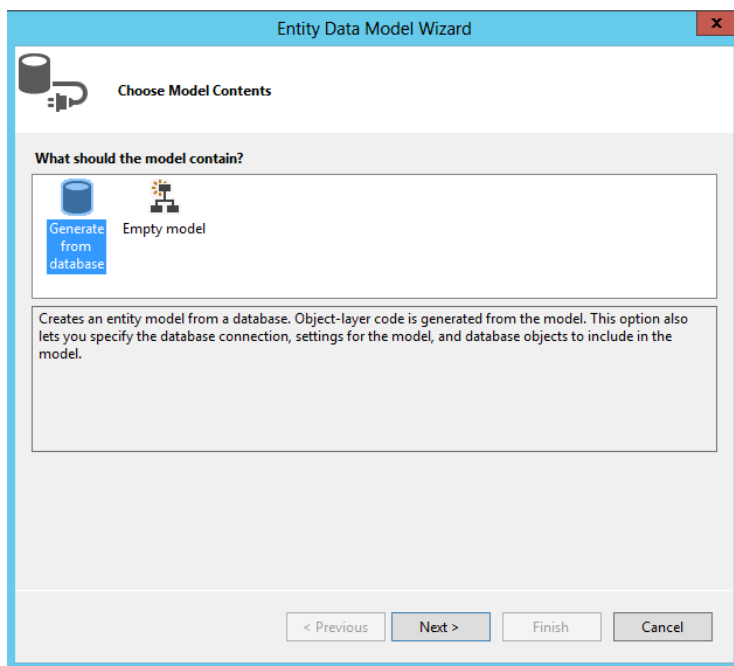
Database First koppling (forts).

Nu lägg till Entity Data Model genom att högerklicka på projektet i projekt lösningen (solution explorer) -> "Add" -> Klicka på "New Item" och välj "ADO.NET Entity Data Model" från popunen, Ge det nya objektet lämpligt namn och klicka på "Add" knappen.



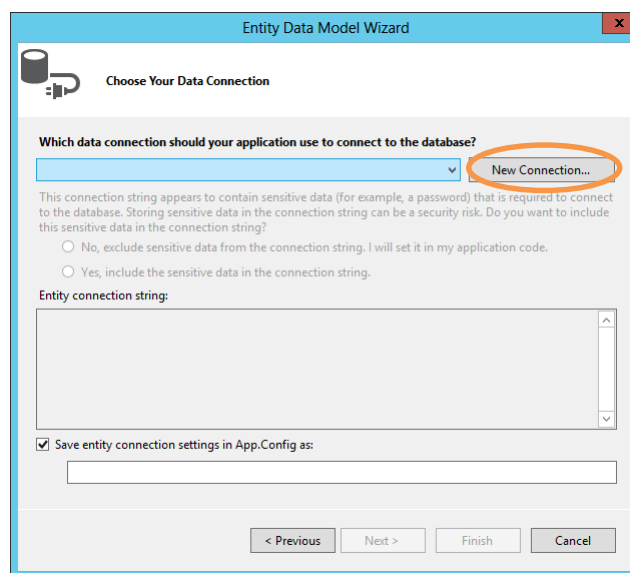
Database First koppling (forts).

Eftersom vi vill ha en database first modell så skall vi välja "Generate from database" eller om du har en lite äldre version av VS så kan det stå "EF Designer from database"



Database First koppling (forts).

Vi skall skapa upp en ny koppling, efter vi klickat **new** kommer sedan frågan om vilken version av Entity Framework som du vill använda, då jag upplevt en del problem med 6.0 (som det finns en del buggar i) så använder jag 5.0 istället.



Database First koppling (forts).

1. Välj datakälla (i mitt fall MS SQL Server)
2. Skriv in server namn (kan behövas att klicka på refresh)
3. Välj databas
4. Testa kopplingen
5. Klicka OK

Connection Properties

Enter information to connect to the selected data source or click "Change" to choose a different data source and/or provider.

Data source:
Microsoft SQL Server (SqlClient) Change...

Server name:
devel Refresh

Log on to the server
☒ Use Windows Authentication
☐ Use SQL Server Authentication
User name:
Password:
☐ Save my password

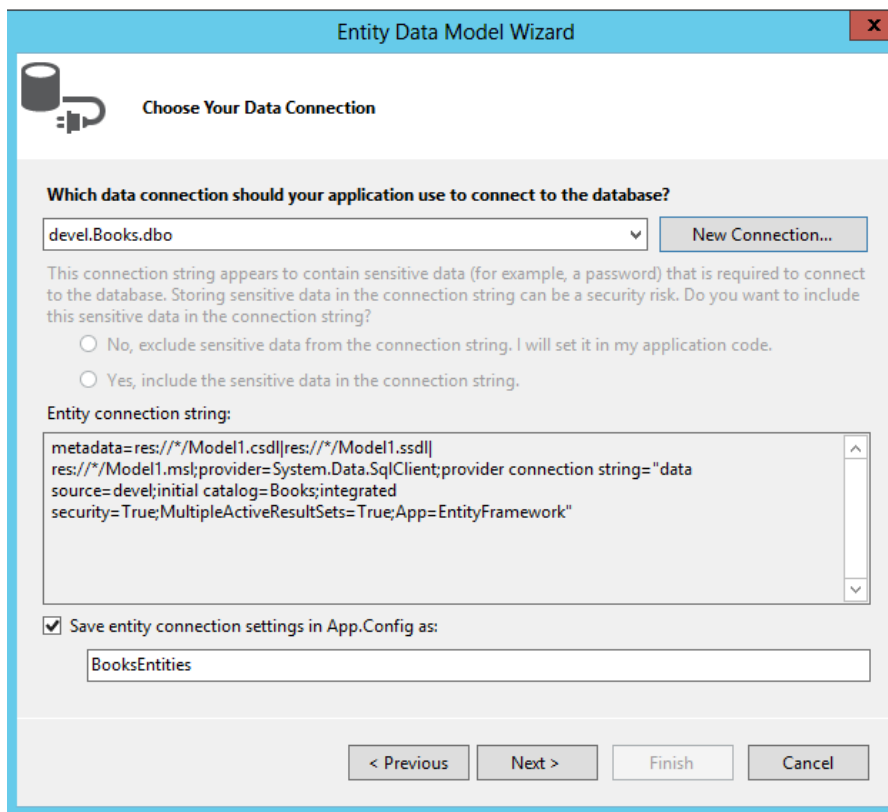
Connect to a database
☒ Select a database name
Books
☐ Attach a database file:
Browse...
Logical name:

Advanced...

Test Connection OK Cancel

Database First koppling (forts).

- Låt default värdena vara och klicka next



The screenshot shows the 'Entity Data Model Wizard' window, specifically the 'Choose Your Data Connection' step. The window has a blue title bar and a red close button. The main area is white with a blue icon of a database cylinder and a plug. The title 'Choose Your Data Connection' is in bold. Below it, the question 'Which data connection should your application use to connect to the database?' is followed by a dropdown menu showing 'devel.Books.dbo' and a 'New Connection...' button. A warning message states: 'This connection string appears to contain sensitive data (for example, a password) that is required to connect to the database. Storing sensitive data in the connection string can be a security risk. Do you want to include this sensitive data in the connection string?'. There are two radio buttons: 'No, exclude sensitive data from the connection string. I will set it in my application code.' and 'Yes, include the sensitive data in the connection string.'. Below this, the 'Entity connection string:' is displayed in a text box with the following content: 'metadata=res://*/Model1.csdl|res://*/Model1.ssdl|res://*/Model1.msl;provider=System.Data.SqlClient;provider connection string="data source=devel;initial catalog=Books;integrated security=True;MultipleActiveResultSets=True;App=EntityFramework"'. At the bottom, there is a checkbox 'Save entity connection settings in App.Config as:' which is checked, followed by a text box containing 'BooksEntities'. The bottom of the window has four buttons: '< Previous', 'Next >', 'Finish', and 'Cancel'.

Entity Data Model Wizard

Choose Your Data Connection

Which data connection should your application use to connect to the database?

devel.Books.dbo New Connection...

This connection string appears to contain sensitive data (for example, a password) that is required to connect to the database. Storing sensitive data in the connection string can be a security risk. Do you want to include this sensitive data in the connection string?

☐ No, exclude sensitive data from the connection string. I will set it in my application code.

☐ Yes, include the sensitive data in the connection string.

Entity connection string:

metadata=res://*/Model1.csdl|res://*/Model1.ssdl|
res://*/Model1.msl;provider=System.Data.SqlClient;provider connection string="data
source=devel;initial catalog=Books;integrated
security=True;MultipleActiveResultSets=True;App=EntityFramework"

☒ Save entity connection settings in App.Config as:

BooksEntities

< Previous Next > Finish Cancel

Database First koppling (forts).

- Se till att klicka i rutorna som pilarna visar
- Skulle din databas även ha vyer eller stored procedures kan du även välja dessa rutor

