

Generating Code

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1 INTRODUCTION

This topic will walk you through the main options/components on how to generate code using AspCoreGen 3.0 Razor Professional Plus. Please read the tutorials for AspCoreGen 3.0 Razor's tabs before moving on to get a clear view of how things operate.

1.1 READ THESE TUTORIALS IN ORDER

1. Database Settings Tab
2. Code Settings Tab
3. UI Settings Tab
4. App Settings Tab
5. Selected Tables Tab
6. Selected Views Tab

Then follow these step-by-step instructions.

2 OPTIONS TO GENERATE CODE

2.1 GENERATE SQL

In the *Generate SQL* under the *Database Settings* tab, you have 3 options. Choose one.

1. Use Linq-to-Entities (Entity Framework Core)
2. Use Stored Procedures
3. Use Ad Hoc/Dynamic SQL

The screenshot shows the 'Generated SQL' settings panel. It contains three main options, each with a help icon (question mark in a circle):

- Use Linq-to-Entities (Entity Framework Core)
- Use Stored Procedures
- Use Ad Hoc/Dynamic SQL

Under the 'Use Stored Procedures' option, there are two sub-sections:

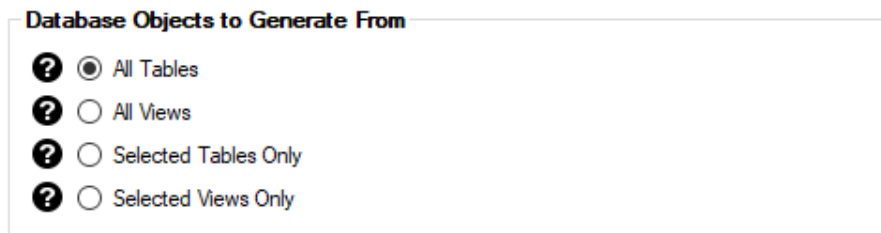
- Stored Procedure:** Contains three options:
 - No Prefix or Suffix
 - Prefix:
 - Suffix:
- Generated SQL Script:** Contains two options:
 - Automatic
 - MS SQL 2008_Below

2.2 DATABASE OBJECTS TO GENERATE FROM

Go to the *Code Settings* tab, under *Database Objects to Generate From*, you have 4 options, choose one.

Note: As discussed in the *Code Settings Tab* tutorial the *All Views* and *Selected Views Only* are not available if you choose *Use Linq-to-Entities (Entity Framework Core)* under *Generated SQL*.

1. All Tables
2. All Views
3. Selected Tables Only
4. Selected Views Only



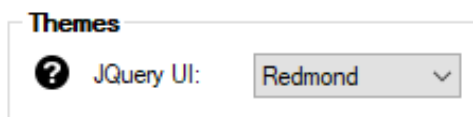
The screenshot shows a settings panel titled "Database Objects to Generate From". It contains four radio button options, each with a help icon (a question mark in a circle) to its left:

- All Tables
- All Views
- Selected Tables Only
- Selected Views Only

When you select *Selected Tables Only* or *Selected Views Only*, the respective *Selected Tables* tab or *Selected Views* tab will automatically open. Follow the steps in the *Selected Tables Tab Tutorial* or *Selected Views Tab Tutorial* respectively.

2.3 JQUERY UI THEME

Choose a *JQuery UI* theme under the *UI Settings* tab. Or just keep the default.



The screenshot shows a settings panel titled "Themes". It contains a help icon (a question mark in a circle) followed by the text "jQuery UI:" and a dropdown menu currently displaying "Redmond".

2.4 RAZOR PAGES TO GENERATE

Choose the *Razor Pages to Generate* you want to generate under the *UI Settings* tab. Or just keep the defaults.

? Razor Pages to Generate

- ? List with Add, Edit Redirect, & Delete**
- ? Add New Record**
- ? Update Record**
- ? Record Details (Read-Only)**
- ? List (Read-Only)**
- ? List with Add, Edit, & Delete (Same Page)**
- ? List with Grouping**
- ? List with Totals**
- ? List with Totals and Grouping**
- ? List with Search**
- ? List Scroll-Load Data**
- ? List with Inline Add & Edit**
- ? List with Manual Foreach**
- ? List with Master Detail (Grid)**
- ? List with Master Detail (Sub Grid)**
- ? List with Multiple Delete**
- ? List by Foreign Key**
- ? Unbound Razor Page**

2.5 RAZOR PAGE NAMES

Update or rename the respective *Razor Page Names* under the *UI Settings* tab. Or just keep the defaults.

Razor Page Names

ListCrudRedirect
Add
Update
Details
ListReadOnly
ListCrud
ListGroupedBy
ListTotals
ListTotalsGroupedBy
ListSearch
ListScrollLoad
ListInline
ListForeach
ListMasterDetailGridBy
ListMasterDetailSubGridBy
ListMultipleDelete
ListBy
Unbound

2.6 GENERATE CODE BUTTON

Depending on the selection you chose under the *Database Objects to Generate From*, click the respective button to start generating code.



2.7 CODE IS GENERATED

AspCoreGen 3.0 Razor will generate the code. Once the code generation is done, you can open the generated *Solution File (.sln)* in Visual Studio.

* The *Selected Tables* tab will only automatically open when the *Automatically Open Selected Tables or Selected Views Tab* checkbox is *Checked*, which is the default.

You can read end-to-end tutorials on more subjects on using AspCoreGen 3.0 Razor Professional Plus that came with your purchase. These tutorials are available to customers and are included in a link on your invoice when you purchase AspCoreGen 3.0 Razor Professional.

Note: Some features shown here are not available in the Express Edition.

End of tutorial.