

Generating Code

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Generating Code

1 INTRODUCTION

This topic will walk you through the main options/components on how to generate code using AspCoreGen 3.0 MVC Professional Plus. Please read the tutorials for AspCoreGen 3.0 MVC'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**:
 - No Prefix or Suffix
 - Prefix:
 - Suffix:
- Generated SQL Script**:
 - 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

Database Objects to Generate From

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.

Themes

JQuery UI: Redmond v

2.4 VIEWS TO GENERATE

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

Views 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 View

2.5 VIEW NAMES

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

View 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 respective button to start generating code.

Generate Code for All Tables
Generate Code for All Views
Generate Code for Selected Tables Only
Generate Code for Selected Views Only

2.7 CODE IS GENERATED

AspCoreGen 3.0 MVC will generate the code. Once the code generation 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* check box is *Checked*, which is the default.

You can read end-to-end tutorials on more subjects on using AspCoreGen 3.0 MVC 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 MVC Professional.

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

End of tutorial.