

# Generating Code

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# Generating Code

## 1 INTRODUCTION

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This topic will walk you through the main options/components on how to generate code using AspCoreGen 9.0 MVC Professional Plus. Please read the tutorials for AspCoreGen 9.0 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

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### 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

Generated SQL

☒ Use Linq-to-Entities (Entity Framework Core)

☐ Use Stored Procedures

☐ Use Ad Hoc/Dynamic SQL

Stored Procedure

☒ No Prefix or Suffix

☐ Prefix:

☐ Suffix:

Generated SQL Script

☒ Automatic

☐ MS SQL 2008\_Below

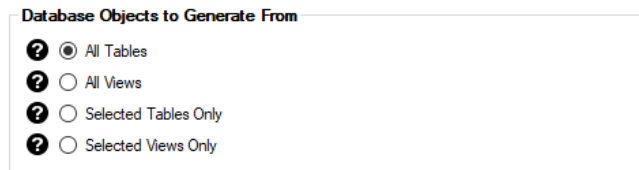
☐ Generate Stored Procedure Code

## 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



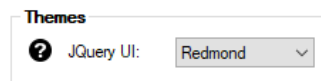
**Database Objects to Generate From**

- ? ☒ 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.

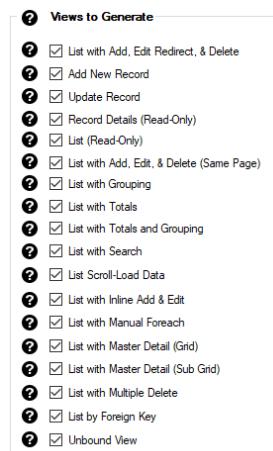


**Themes**

? jQuery UI: Redmond ▼

## 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 9.0 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 9.0 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 9.0 MVC Professional.

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

End of tutorial.