

What's new in *Murach's ASP.NET Core MVC (2nd Edition)*

New Features

Program.cs file

- ASP.NET Core apps no longer use a Startup.cs file for configuration. Instead, all configuration code is in the Program.cs file.
- Covered in chapter 2.

Bootstrap 5.0

- Bootstrap 5.0 includes some new features and drops some old features. For example, it doesn't include the jumbotron component that was used in the 1st edition.
- Covered in chapter 3.

Hot reload

- We added coverage of this time-saving feature that allows you to make changes to an app and apply them while the app is running.
- Covered in chapter 5.

NFL Teams app

- We simplified this book app to make it easier to follow.
- Covered in chapters 8, 9, and 10.

JsonSerializer class

- We replaced coverage of the Newtonsoft.JSON NuGet package with coverage of the JsonSerializer class of the native System.Text.Json namespace.
- Covered in chapter 9.

Model binding nested complex classes

- We improved our coverage of model binding nested complex classes.
- Covered in chapter 10.

Many-to-many relationships in EF Core 5.0

- We added coverage of coding a many-to-many relationship by convention in EF Core 5.0 because it's much simpler than coding a many-to-many relationships prior to EF Core 5.0.
- Covered in chapter 12.

Bookstore app

- We simplified this book app to make it easier to follow.
- Covered in chapter 13.

Publish profiles

- We added a new chapter describing how to use Visual Studio to deploy a web app to a folder or to Microsoft Azure.
- Covered in chapter 17.

Other changes

- We removed coverage of the unit of work pattern from chapter 12 to streamline the chapter.
- We updated the apps presented in this book to accommodate nullable reference types being on by default for new projects in C# 8 and above. This involved adding default values to variables, or specifically initializing them to null with the null-forgiving operator (!), to remove null reference warnings.