

# Pro Asp Net Core Mvc

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 Pro ASP.NET Core MVC, Sixth Edition  
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Pro Asp Net Core Mvc

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## KANE HULL

Pro ASP.NET MVC 4 Apress

Now in its 8th edition, Pro ASP.NET Core has been thoroughly updated for ASP.NET Core 3 and online for ASP.NET Core 5 and .NET 5.0. This comprehensive, full-color guide is the only book you need to learn ASP.NET Core development. Professional developers get ready to produce leaner applications for the ASP.NET Core platform. This edition puts ASP.NET Core 3 into context, and takes a deep dive into the tools and techniques required to build modern, extensible web applications. New features and capabilities such as MVC 3, Razor Pages, Blazor Server, and Blazor WebAssembly are covered, along with demonstrations of how they can be applied in practice. Following the same popular format and style found in previous editions, author Adam Freeman explains how to get the most out of ASP.NET Core 3. Starting with the nuts-and-bolts topics, he teaches readers about middleware components, built-in services, request model binding, and more. Moving along, he introduces increasingly more complex topics and advanced features, including endpoint routing and dependency injection. Written for professionals wanting to incorporate the latest functionality of ASP.NET Core 3 into their projects, this book also serves as a complete reference on ASP.NET Core. Beginners with some background in Microsoft web development will also greatly benefit from the in-depth coverage provided throughout. What You Will Learn: Build a solid foundation and skill set for working with the entire ASP.NET Core platformApply ASP.NET Core 3 and ASP.NET Core 5 features in your developer environment; plentiful reusable templatesSee how to create RESTful web services, web applications, and client-side applicationsLeverage existing knowledge to efficiently get up and running with new programming models Adam Freeman is an experienced IT professional who has held senior positions in a range of companies, most recently serving as chief technology officer and chief operating officer of a global bank. Now retired, he spends his time writing and long-distance running. "The Rolls-Royce of ASP.NET books, (or if you're American, the Cadillac). Very thorough!" Les Jackson, MCSD, DotNet Playbook "The author's instruction is direct, easy to understand and supplemented with clear code examples... Whether you are a beginner learning ASP.NET Core 3.1 app development, or an experienced professional ready to master advanced concepts, I consider this book a 'must have' for you!" Jeremy Likness, Senior Program Manager, Microsoft "...the best single resource for teaching MVC web apps using ASP.NET." Charles Carter, MSCS, MSWE, JD, Cloud Application Development Instructor, Microsoft Software and Systems Academy

**Pro ASP.NET Core MVC, Sixth Edition** John Wiley & Sons

**Publisher's Note:** Microsoft will stop supporting .NET 5 in early May 2022. A new edition of this book is available that uses .NET 6 (an LTS release with support until November 2024), C# 10, and Visual Studio 2022, as well as Visual Studio Code. Key Features

- Explore the newest additions to C# 9, the .NET 5 class library, Entity Framework Core and Blazor
- Strengthen your command of ASP.NET Core 5.0 and create professional websites and services
- Build cross-platform apps for Windows, macOS, Linux, iOS, and Android

**Book Description** In C# 9 and .NET 5 - Modern Cross-Platform Development, Fifth Edition, expert teacher Mark J. Price gives you everything you need to start programming C# applications. This latest edition uses the popular Visual Studio Code editor to work across all major operating systems. It is fully updated and expanded with a new chapter on the Microsoft Blazor framework. The book's first part teaches the fundamentals of C#, including object-oriented programming and new C# 9 features such as top-level programs, target-typed new object instantiation, and immutable types using the record keyword. Part 2 covers the .NET APIs, for performing tasks like managing and querying data, monitoring and improving performance, and working with the file system, async streams, serialization, and encryption. Part 3 provides examples of cross-platform apps you can build and deploy, such as websites and services using ASP.NET Core or mobile apps using Xamarin.Forms. The best type of application for learning the C# language

constructs and many of the .NET libraries is one that does not distract with unnecessary application code. For that reason, the C# and .NET topics covered in Chapters 1 to 13 feature console applications. In Chapters 14 to 20, having mastered the basics of the language and libraries, you will build practical applications using ASP.NET Core, Model-View-Controller (MVC), and Blazor. By the end of the book, you will have acquired the understanding and skills you need to use C# 9 and .NET 5 to create websites, services, and mobile apps. What you will learn

- Build your own types with object-oriented programming
- Query and manipulate data using LINQ
- Build websites and services using ASP.NET Core 5
- Create intelligent apps using machine learning
- Use Entity Framework Core and work with relational databases
- Discover Windows app development using the Universal Windows Platform and XAML
- Build rich web experiences using the Blazor framework
- Build mobile applications for iOS and Android using Xamarin.Forms

Who this book is for This book is best for C# and .NET beginners, or programmers who have worked with C# in the past but feel left behind by the changes in the past few years. This book doesn't expect you to have any C# or .NET experience; however, you should have a general understanding of programming. Students and professionals with a science, technology, engineering, or mathematics (STEM) background can certainly benefit from this book.

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- Hello, C#! Welcome, .NET Core!
- Speaking C#
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- Writing, Debugging, and Testing Functions
- Building Your Own Types with Object-Oriented Programming
- Implementing Interfaces and Inheriting Classes
- Understanding and Packaging .NET Types
- Working with Common .NET Types
- Working with Files, Streams, and Serialization (N.B. Please use the Look Inside option to see further chapters)

Review "Mark Price's extraordinary book covers every aspect of C# 9 and .NET 5. It is filled with step-by-step demonstrations and will be of tremendous value both to those who want to learn C# and to more experienced C# programmers making the transition to C# 9. Highly recommended!" -- Jesse Liberty - author of Programming C# and Learning C# (O'Reilly Media)

**Beginning ASP.NET 2.0 with C#** Apress

Pro ASP.NET Core MVC Apress

**ASP.NET Core 5 for Beginners** Apress

The ASP.NET MVC 5 Framework is the latest evolution of Microsoft's ASP.NET web platform. It provides a high-productivity programming model that promotes cleaner code architecture, test-driven development, and powerful extensibility, combined with all the benefits of ASP.NET. ASP.NET MVC 5 contains a number of advances over previous versions, including the ability to define routes using C# attributes and the ability to override filters. The user experience of building MVC applications has also been substantially improved. The new, more tightly integrated, Visual Studio 2013 IDE has been created specifically with MVC application development in mind and provides a full suite of tools to improve development times and assist in reporting, debugging and deploying your code. The popular Bootstrap JavaScript library has also now been included natively within MVC 5 providing you, the developer, with a wider range of multi-platform CSS and HTML5 options than ever before without the penalty of having to load-in third party libraries.

**Professional ASP.NET MVC 1.0** Apress

Visual Studio 2017 updates for this book are now available. Follow the Download Source Code link for this book on the Apress website. Now in its 6th edition, the best selling book on MVC is now updated for ASP.NET Core MVC. It contains detailed explanations of the new Core MVC functionality which enables developers to produce leaner, cloud optimized and mobile-ready applications for the .NET platform. This book puts ASP.NET Core MVC into context and dives deep into the tools and techniques required to build modern, cloud optimized extensible web applications. All the new MVC features are described in detail and the author explains how best to apply them to both new and existing projects. The ASP.NET Core MVC Framework is the latest evolution of Microsoft's ASP.NET web platform, built on a completely new foundation. It represents a fundamental change to how Microsoft constructs and deploys web frameworks and is free of the legacy of earlier technologies

such as Web Forms. ASP.NET Core MVC provides a "host agnostic" framework and a high-productivity programming model that promotes cleaner code architecture, test-driven development, and powerful extensibility. Best-selling author Adam Freeman has thoroughly revised this market-leading book and explains how to get the most from ASP.NET Core MVC. He starts with the nuts-and-bolts and shows you everything through to advanced features, going in-depth to give you the knowledge you need. This book follows the same format and style as the popular previous editions but brings everything up to date for the new ASP.NET Core MVC release. It presents a fully worked case study of a functioning ASP.NET MVC application that readers can use as a template for their own projects. What You Will Learn: Gain a solid architectural understanding of ASP.NET Core MVC Explore the entire ASP.NET MVC Framework as a cohesive whole See how MVC and test-driven development work in action Learn what's new in ASP.NET Core MVC and how best to apply these new features to your own work See how to create RESTful web services and Single Page Applications Build on your existing knowledge of previous MVC releases to get up and running with the new programming model quickly and effectively Who This Book Is For: This book is for web developers with a basic knowledge of ASP.NET and C# who want to incorporate the latest improvements and functionality in the new ASP.NET Core MVC Framework.

#### [Programming ASP.NET Core, Programming ASP.NET Core Apress](#)

In ASP.NET Core, seasoned authors Simone Chiaretta and Ugo Lattanzi update you on all the advances provided by Microsoft's landmark framework. By learning the foundations of the library and understanding the new versions of ASP.NET MVC and Web API, you'll be equipped with everything you need to build .NET web applications on Windows, Mac, and Linux. This updated and expanded second edition of Book provides a user-friendly introduction to the subject, Taking a clear structural framework, it guides the reader through the subject's core elements. A flowing writing style combines with the use of illustrations and diagrams throughout the text to ensure the reader understands even the most complex of concepts. This succinct and enlightening overview is a required reading for all those interested in the subject. We hope you find this book useful in shaping your future career & Business.

#### [Pro ASP.NET MVC 4 Createspace Independent Publishing Platform](#)

This book begins with you working along as Scott Guthrie builds a complete ASP.NET MVC reference application. He begins NerdDinner by using the File->New Project menu command within Visual Studio to create a new ASP.NET MVC Application. You'll then incrementally add functionality and features. Along the way you'll cover how to create a database, build a model layer with business rule validations, implement listing/details data browsing, provide CRUD (Create, Update, Delete) data form entry support, implement efficient data paging, reuse UI using master pages and partials, secure the application using authentication and authorization, use AJAX to deliver dynamic updates and interactive map support, and implement automated unit testing. From there, the bulk of the rest of the book begins with the basic concepts around the model view controller pattern, including the little history and the state of the MVC on the web today. We'll then go into the ways that MVC is different from ASP.NET Web Forms. We'll explore the structure of a standard MVC application and see what you get out of the box. Next we dig deep into routing and see the role URLs play in your application. We'll deep dive into controllers and views and see what role the Ajax plays in your applications. The last third of the book focuses entirely on advanced techniques and extending the framework. In some places, we assume that you're somewhat familiar with ASP.NET WebForms, at least peripherally. There are a lot of ASP.NET WebForms developers out there who are interested in ASP.NET MVC so there are a number of places in this book where we contrast the two technologies. Even if you're not already an ASP.NET developer, you might still find these sections interesting for context, as well as for your own edification as ASP.NET MVC may not be the web technology that you're looking for.

#### [Pro Asp.net Core Mvc Apress](#)

Steven Sanderson has seen the ASP.NET MVC framework mature from the start, so his experience, combined with comprehensive coverage of all its features, including those in the official MVC development toolkit, offers the clearest understanding of how this exciting framework could improve your coding efficiency—and you'll gain invaluable awareness of security, deployment, and interoperability challenges. The ASP.NET MVC Framework is the evolution of Microsoft's ASP.NET web platform. It introduced a radical high-productivity programming model that promotes cleaner code architecture, test-driven development, and powerful extensibility, combined with all the benefits of ASP.NET 3.5. An integral benefit of this book is that the core Model-View-Controller architectural concepts are not simply explained or discussed in isolation, but demonstrated in action. You'll work through an extended tutorial to create a working e-commerce web application that combines ASP.NET MVC with the latest C# 3.0 language features and unit-testing best practices. By gaining this invaluable, practical experience, you can discover MVCs strengths and weaknesses for yourself—and put your best learned theory into practice.

#### [Pro Entity Framework Core 2 for ASP.NET Core MVC Apress](#)

This essential classic title provides a comprehensive foundation in the C# programming language and the frameworks it lives in. Now in its 8th edition, you'll find all the very latest C# 7.1 and .NET 4.7 features here, along with four brand new chapters on Microsoft's lightweight, cross-platform framework, .NET Core, up to and including .NET Core 2.0. Coverage of ASP.NET Core, Entity Framework (EF) Core, and more, sits alongside the latest updates to .NET, including Windows Presentation Foundation (WPF), Windows Communication Foundation (WCF), and ASP.NET MVC. Dive in and discover why Pro C# has been a favorite of C# developers worldwide for over 15 years. Gain a solid foundation in object-oriented development techniques, attributes and reflection, generics and collections as well as numerous advanced topics not found in other texts (such as CIL opcodes and emitting dynamic assemblies). With the help of this book you'll have the confidence to put C# into practice and explore the .NET universe on your own terms. What You Will Learn Discover the latest C# 7.1 features, from tuples to pattern matching Hit the ground running with Microsoft's lightweight, open source .NET Core platform, including ASP.NET Core MVC, ASP.NET Core web services, and Entity Framework Core Find complete coverage of XAML, .NET 4.7, and Visual Studio 2017 Understand the philosophy behind .NET and the new, cross-platform alternative, .NET Core [Learn ASP.NET Core MVC](#) Microsoft Press

ASP.NET 2.0 is an amazing technology that allows you to develop web sites and applications with very little hassle, and its power and depth enable it to host even the most complex applications available. Using code examples in C#, this invaluable beginner's guide shows you how to program web applications in ASP.NET 2.0 and see dynamic results with minimal effort. Through detailed explanations and working C# code examples, this popular author team eases you into the world of ASP.NET development and gradually introduces you to all sorts of interesting ASP.NET tricks and tools. You'll quickly see how ASP.NET 2.0 is designed to ensure a significant reduction in the amount of code you have to write—and, in turn, to make your life easier. What you will learn from this book Why Visual Web Developer is an ideal environment for building feature-rich ASP.NET 2.0 applications with C# How to secure web sites, providing login functionality and role-based access to content Useful techniques for safely updating data, using ASP.NET 2.0's built-in data handling capabilities How centralized site design can be easily achieved How to add e-commerce functionality to a site Methods for enhancing an application's performance Who this book is for This book is for anyone

new to web programming who wants to program dynamic, feature-rich web applications in ASP.NET 2.0. It will also be ideal for programmers seeking to upgrade their ASP 3 knowledge to ASP.NET, or programmers from non-Microsoft web disciplines who need to learn ASP.NET 2.0. Wrox Beginning guides are crafted to make learning programming languages and technologies easier than you think, providing a structured, tutorial format that will guide you through all the techniques involved.

#### [Pro ASP.NET MVC Framework Apress](#)

ASP.NET 4 is the principal standard for creating dynamic web pages on the Windows platform. Pro ASP.NET 4 in C# 2010 raises the bar for high-quality, practical advice on learning and deploying Microsoft's dynamic web solution. This edition is updated with everything you need to master up to version 4 of ASP.NET, including coverage of ASP.NET MVC, ASP.NET AJAX 4, ASP.NET Dynamic Data, and Silverlight 3. Seasoned .NET professionals Matthew MacDonald and Mario Szpuszta explain how you can get the most from these groundbreaking technologies. They cover ASP.NET 4 as a whole, illustrating both the newer features and the functionality carried over from previous versions of ASP. This book will give you the knowledge you need to code real ASP.NET 4 applications in the best possible style.

#### [Programming ASP.NET MVC 4 Mike Murach and Associates, Incorporated](#)

The ASP.NET MVC 4 Framework is the latest evolution of Microsoft's ASP.NET web platform. It provides a high-productivity programming model that promotes cleaner code architecture, test-driven development, and powerful extensibility, combined with all the benefits of ASP.NET. ASP.NET MVC 4 contains a number of significant advances over previous versions. New mobile and desktop templates (employing adaptive rendering) are included together with support for jQuery Mobile for the first time. New display modes allow your application to select views based on the browser that's making the request while Code Generation Recipes for Visual Studio help you auto-generate project-specific code for a wide variety of situations including NuGet support. In this fourth edition, the core model-view-controller (MVC) architectural concepts are not simply explained or discussed in isolation, but are demonstrated in action. You'll work through an extended tutorial to create a working e-commerce web application that combines ASP.NET MVC with the latest C# language features and unit-testing best practices. By gaining this invaluable, practical experience, you'll discover MVC's strengths and weaknesses for yourself—and put your best-learned theory into practice. The book's authors, Steve Sanderson and Adam Freeman, have both watched the growth of ASP.NET MVC since its first release. Steve is a well-known blogger on the MVC Framework and a member of the Microsoft Web Platform and Tools team. Adam started designing and building web applications 15 years ago and has been responsible for some of the world's largest and most ambitious projects. You can be sure you are in safe hands.

#### [Pro ASP.NET Core MVC Apress](#)

Visual Studio 2017 updates for this book are now available. Follow the Download Source Code link for this book on the Apress website. Now in its 6th edition, the best selling book on MVC is now updated for ASP.NET Core MVC. It contains detailed explanations of the new Core MVC functionality which enables developers to produce leaner, cloud optimized and mobile-ready applications for the .NET platform. This book puts ASP.NET Core MVC into context and dives deep into the tools and techniques required to build modern, cloud optimized extensible web applications. All the new MVC features are described in detail and the author explains how best to apply them to both new and existing projects. The ASP.NET Core MVC Framework is the latest evolution of Microsoft's ASP.NET web platform, built on a completely new foundation. It represents a fundamental change to how Microsoft constructs and deploys web frameworks and is free of the legacy of earlier technologies such as Web Forms. ASP.NET Core MVC provides a "host agnostic" framework and a high-productivity programming model that promotes cleaner code architecture, test-driven development, and powerful extensibility. Best-selling author Adam Freeman has thoroughly revised this market-leading book and explains how to get the most from ASP.NET Core MVC. He starts with the nuts-and-bolts and shows you everything through to advanced features, going in-depth to give you the knowledge you need. This book follows the same format and style as the popular previous editions but brings everything up to date for the new ASP.NET Core MVC release. It presents a fully worked case study of a functioning ASP.NET MVC application that readers can use as a template for their own projects. What You Will Learn: Gain a solid architectural understanding of ASP.NET Core MVC Explore the entire ASP.NET MVC Framework as a cohesive whole See how MVC and test-driven development work in action Learn what's new in ASP.NET Core MVC and how best to apply these new features to your own work See how to create RESTful web services and Single Page Applications Build on your existing knowledge of previous MVC releases to get up and running with the new programming model quickly and effectively Who This Book Is For: This book is for web developers with a basic knowledge of ASP.NET and C# who want to incorporate the latest improvements and functionality in the new ASP.NET Core MVC Framework.

#### [ASP.NET Core in Action Apress](#)

The complete, pragmatic guide to building high-value solutions with ASP.NET Core Programming ASP.NET Core is the definitive guide to practical web-based application development with Microsoft's new ASP.NET Core framework. Microsoft MVP Dino Esposito introduces proven techniques and well-crafted example code for solving real problems with ASP.NET Core. Step by step, he guides you through using all key ASP.NET Core technologies, including MVC for HTML generation, .NET Core, EF Core, ASP.NET Identity, dependency injection, and much more. Esposito thoroughly covers ASP.NET Core's cross-platform capabilities and what's changed from older ASP.NET versions, but he doesn't stop there: he offers a complete learning path for every developer who wants to build production solutions, including mobile-specific solutions. Microsoft MVP Dino Esposito shows how to: • Create new projects and understand their structure • Set up and use the familiar MVC application model in ASP.NET Core • Write controller class code to govern all stages of request processing • Serve HTML from controllers, or directly via Razor Pages • Master the Razor language for quickly defining the layout of HTML views • Manage cross-cutting concerns such as global configuration data, error and exception handling, controller class design, and dependency injection • Secure applications with user authentication and ASP.NET Core's policy-based user authorization API • Design for efficient data access, and choose the right option for reading and writing data • Build ASP.NET Core Web APIs that return JSON, XML, or other data • Use data binding to programmatically update visual components with fresh information • Build device-friendly web views for iOS and Android • Explore the radically new ASP.NET Core runtime environment and Dependency Injection (DI) infrastructure [Learning ASP.NET Core 3.0 -Second Edition Apress](#)

The power of ASP.NET MVC 5 stems from the underlying ASP.NET platform. To make your ASP.NET MVC applications the best they can be, you need to fully understand the platform features and know how they can be used to build effective and elegant MVC framework applications. The ASP.NET platform provides ASP.NET MVC applications with a rich suite of services including vital every-day features like extensible request handling, state management, and user authentication.

Understanding how these features work is the difference between creating an average web application and the best-in-class. MVC applications that are architected with a thorough knowledge of the underlying platforms are faster to write, faster to run, and more readily adaptable to change. In Pro ASP.NET MVC 5 Platform, best-selling author Adam Freeman explains how to get the most from the entire ASP.NET platform, beginning with a nuts-and-bolts description of the patterns and

tools you need through to the most advanced features. He goes in-depth at every stage to give you the practical knowledge that you need to apply these concepts to your own code.

**Expert ASP.NET Web API 2 for MVC Developers** Apress

Combine the strengths of Angular, the leading framework for developing complex client-side applications, and ASP.NET Core MVC 3, the latest evolution of Microsoft's framework for server-side applications. This new edition offers updated Angular, ASP.NET Core 3, Entity Framework Core 3 examples, an all-new chapter on interoperability with Blazor, and more! Best-selling author Adam Freeman brings together these two key technologies and explains how to use ASP.NET Core MVC 3 to provide back-end services for Angular applications. This fast-paced and practical guide starts from the nuts and bolts and gives you the knowledge you need to combine Angular and ASP.NET Core MVC 3 in your projects. Each topic is covered clearly and concisely and is packed with the essential details you need to learn to be truly effective. **What You Will Learn** Gain a solid understanding of how ASP.NET Core MVC 3 and Angular can work together Utilize both Visual Studio and Visual Studio Code to develop Angular/ASP.NET Core MVC projects Create ASP.NET Core RESTful web services to support Angular applications Expose data from Entity Framework Core to Angular applications Use ASP.NET Core Identity to provide security services to Angular applications Understand how Angular and Blazor applications can work together **Who This Book Is For** This book is for developers with knowledge of ASP.NET Core MVC who are introducing Angular into their projects.

**Pro C# 9 with .NET 5** Apress

The ASP.NET MVC 3 Framework is the latest evolution of Microsoft's ASP.NET web platform. It provides a high-productivity programming model that promotes cleaner code architecture, test-driven development, and powerful extensibility, combined with all the benefits of ASP.NET 4. In this third edition, the core model-view-controller (MVC) architectural concepts are not simply explained or discussed in isolation, but are demonstrated in action. You'll work through an extended tutorial to create a working e-commerce web application that combines ASP.NET MVC with the latest C# language features and unit-testing best practices. By gaining this invaluable, practical experience, you'll discover MVC's strengths and weaknesses for yourself—and put your best-learned theory into practice. The book's authors Steve Sanderson and Adam Freeman have both watched the growth of ASP.NET MVC since its first release. Steve is a well-known blogger on the MVC Framework and a member of the Microsoft Web Platform and Tools team. Adam started designing and building web applications 15 years ago and has been responsible for some of the world's largest and most ambitious projects. You can be sure you are in safe hands.

**C# 10 and .NET 6 – Modern Cross-Platform Development** "O'Reilly Media, Inc."

If you know the basics of C# and HTML/CSS, you're ready to learn how to build ASP.NET Core MVC web apps the way the professionals do. This book covers all the essentials: the MVC pattern, Bootstrap for responsive design, routing, Razor views, model binding, data validation, EF (Entity Framework) Core for database handling, dependency injection, xUnit and Moq for unit testing, Identity for authentication, and more. It gets you going right away with a subset of basic skills, then builds on those skills so you'll soon be developing real-world web apps. Along the way, you get dozens of practical coding examples that help you apply what you've just learned and show how all the parts work together. And when you're done, this book does double duty as the best on-the-job reference that money can buy.

**Pro ASP.NET Web API** Simon and Schuster

Learn how to build web applications efficiently using ASP.NET Core 5 with the C# programming language and related frameworks **Key Features** Build web apps and services and cross-platform applications using .NET and C# Understand different web programming concepts with the help of real-world examples Explore the new features and APIs in ASP.NET Core 5, EF Core, Visual Studio, and Blazor **Book Description** ASP.NET Core 5 for Beginners is a comprehensive introduction for those who are new to the framework. This condensed guide takes a practical and engaging approach to cover everything that you need to know to start using ASP.NET Core for building cloud-ready, modern web applications. The book starts with a brief introduction to the ASP.NET Core framework and highlights the new features in its latest release, ASP.NET Core 5. It then covers the improvements in cross-platform support, the view engines that will help you to understand web development, and the new frontend technologies available with Blazor for building interactive web UIs. As you advance, you'll learn the fundamentals of the different frameworks and capabilities that ship with ASP.NET Core. You'll also get to grips with securing web apps with identity implementation, unit testing, and the latest in containers and cloud-native to deploy them to AWS and Microsoft Azure. Throughout the book, you'll find clear and concise code samples that illustrate each concept along with the strategies and techniques that will help to develop scalable and robust web apps. By the end of this book, you'll have learned how to leverage ASP.NET Core 5 to build and deploy dynamic websites and services in a variety of real-world scenarios. **What you will learn** Explore the new features and APIs introduced in ASP.NET Core 5 and Blazor Put basic ASP.NET Core 5 concepts into practice with the help of clear and simple samples Work with Entity Framework Core and its different workflows to implement your application's data access Discover the different web frameworks that ASP.NET Core 5 offers for building web apps Get to grips with the basics of building RESTful web APIs to work with real data Deploy your web apps in AWS, Azure, and Docker containers Work with SignalR to add real-time notifications to your app **Who this book is for** This book is for developers who want to learn how to develop web-based applications using the ASP.NET Core framework. Familiarity with the C# language and a basic understanding of HTML and CSS is required to get the most out of this book.

**Pro C# 7** Pro ASP.NET Core MVC

Angular 5 and .NET Core 2 updates for this book are now available. Follow the Download Source Code link for this book on the Apress website. Discover Angular, the leading client-side web framework, from the point of view of an ASP.NET Core MVC developer. Best-selling author Adam Freeman brings these two key technologies together and explains how to use ASP.NET Core MVC to provide back-end services for Angular applications. This fast-paced, practical guide starts from the nuts and bolt and gives you the knowledge you need to combine Angular (from version 2.0 up) and ASP.NET Core MVC in your projects. **What You'll Learn** Gain a solid understanding of how ASP.NET Core MVC and Angular can work together Use Visual Studio 2017 to develop Angular/ASP.NET Core MVC projects Create ASP.NET Core RESTful web services to support Angular applications Expose data from Entity Framework Core to Angular applications Use ASP.NET Core Identity to provide security services to Angular applications Each topic is covered clearly and concisely and is packed with the essential details you need to learn to be truly effective. **Who This Book Is For** This book is for developers with a knowledge of ASP.NET Core MVC who are introducing Angular into their projects.

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