

## Le Asp Net Mvc 5

Nato dall'esperienza diretta degli autori, tutti quali ficati professionisti che lavorano da anni nel settore, ASP.NET 4.5 e ASP. NET MVC 4 in C# e VB è una guida completa dedicata all'ultima versione della tecnologia di Microsoft per lo sviluppo di applicazioni web. Con uno stile pratico e ricco di esempi, il libro guida il lettore all'interno delle caratteristiche di ASP.NET 4.5, spiegando a fondo tutte le novità introdotte nell'ultima versione. Dalla costruzione dei layout, passando per databinding, custom control, fino alle novità dei controlli, di Entity Framework, JavaScript, mobile e ASP.NET MVC 4, questa guida tratta in modo esauriente e approfondito tutti gli argomenti fondamentali che servono a programmatori e progettisti per costruire e gestire una buona applicazione basata sull'ultima release di ASP.NET. PUNTI DI FORZA Tutte le novità introdotte da ASP.NET 4.5 Le basi e i concetti avanzati legati ad ASP.NET Web Forms Databinding e novità di ASP.NET Web Forms Introduzione e uso di ASP.NET MVC Sfruttare i meccanismi di caching Modi ficare il comportamento del runtime Sicurezza, aree protette e accesso via social network AJAX e tecniche di programmazione client-side Distribuzione delle applicazioni e Windows Azure

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.

Practical Software Architecture Solutions from the Legendary Robert C. Martin ("Uncle Bob") By applying universal rules of software architecture, you can dramatically improve developer productivity throughout the life of any software system. Now, building upon the success of his best-selling books Clean Code and The Clean Coder, legendary software craftsman Robert C. Martin ("Uncle Bob") reveals those rules and helps you apply them. Martin's Clean Architecture doesn't merely present options. Drawing on over a half-century of experience in software environments of every imaginable type, Martin tells you what choices to make and why they are critical to your success. As you've come to expect from Uncle Bob, this book is packed with direct, no-nonsense solutions for the real challenges you'll face—the ones that will make or break your projects. Learn what software architects need to achieve—and core disciplines and practices for achieving it Master essential software design principles for addressing function, component separation, and data management See how programming paradigms impose discipline by restricting what developers can do Understand what's critically important and what's merely a "detail" Implement optimal, high-level structures for web, database, thick-client, console, and embedded applications Define appropriate boundaries and layers, and organize components and services See why designs and architectures go wrong, and how to prevent (or fix) these failures Clean Architecture is essential reading for every current or aspiring software architect, systems analyst, system designer, and software manager—and for every programmer who must execute someone else's designs. Register your product for convenient access to downloads, updates, and/or corrections as they become available.

ASP.NET Web API is a key part of ASP.NET MVC 4 and the platform of choice for building RESTful services that can be accessed by a wide range of devices. Everything from JavaScript libraries to RIA plugins, RFID readers to smart phones can consume your services using platform-agnostic HTTP. With such wide accessibility, securing your code effectively needs to be a top priority. You will quickly find that the WCF security protocols you're familiar with from .NET are less suitable than they once were in this new environment, proving themselves cumbersome and limited in terms of the standards they can work with. Fortunately, ASP.NET Web API provides a simple, robust security solution of its own that fits neatly within the ASP.NET MVC programming model and secures your code without the need for SOAP, meaning that there is no limit to the range of devices that it can work with – if it can understand HTTP, then it can be secured by Web API. These SOAP-less security techniques are the focus of this book.

By covering the impressive capabilities of ASP.NET Core 5 and Angular 11, right from project setup through to the deployment phase, this fully revised and updated edition will help you develop your skills effectively.

You're a developer who knows nothing about ASP.NET Core MVC. Which is fine, except that you need to start coding your next application using ASP.NET Core 1.1 MVC and Visual Studio 2017. Don't worry: I have you covered. I've been training hundreds of developers like you during 15 years, and converted my experience into this book. I know from experience teaching what takes more time to learn in ASP.NET Core MVC, and will spend time only where appropriate. Plus this book is packed with exercises which build up into a full project: you develop a small e-commerce sample web site. You'll allow users to browse for products, and you'll also create a back-end where authenticated users will be able to list and edit products. Read this book, and you can code your ASP.NET Core MVC application using Visual Studio 2017 within a week.

Annotation Code first is an additional means of building a model to be used with the Entity Framework and is creating a lot of excitement in the .NET development community. The reader will begin with an overview of what code first is, why it was created, how it fits into the Entity Framework and when to use it over the alternatives.

Este libro está dirigido a los desarrolladores, arquitectos y administradores que deseen adoptar un enfoque profesional en la realización de aplicaciones Web sacando el máximo provecho de ASP.NET 4.5.2. Acompaña al lector en un estudio completo de la tecnología ASP.NET y de Visual Studio 2015. Cada tema se aborda con ejemplos prácticos y útiles, que se proveen en C#. El lector comenzará con Visual Studio y sus herramientas (depuración, refactoring, pruebas unitarias, pruebas de interfaz gráfica,...) y la evolución del lenguaje C#. El segundo capítulo describe el funcionamiento de las aplicaciones IIS y explica cómo realizar módulos específicos para el servidor Web. El libro estudia con profundidad los Web Forms, AJAX, jQuery, y proporciona componentes personalizados para crear gráficos. Los sitios MVC y sus desarrollos SPA y Web API se presentan con ejemplos prácticos, así como su securización. Los siguientes capítulos elaboran soluciones que aportan rapidez al desarrollo y un mejor rendimiento en el acceso a las bases de datos ADO.NET, especialmente con los nuevos componentes basados en LINQ y Entity Framework y los estados Reporting Services. A continuación, se describe la securización unificada de los sitios Web OWIN (con Google) y la personalización de la

navegación (Web Parts y servicios Web WCF, REST). El último capítulo describe la puesta en producción con ASP.NET y la infraestructura de supervisión Health Monitoring así como el desarrollo de aplicaciones Web en la plataforma Cloud Microsoft Azure. Los ejemplos de código del libro pueden descargarse del sitio web [www.ediciones-eni.com](http://www.ediciones-eni.com). Los capítulos del libro: Prólogo – Visual Studio 2015 y .NET 4.5.2 – Los sitios web ASP.NET 4.5.2 – Los Web Forms – Los sitios web MVC – El acceso a datos con ADO.NET 4.5.2 – Gestión del estado – Personalización y securización – Los servicios web WCF y REST – Configuración, despliegue y administración

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.

Get the definitive guide on designing applications on the Microsoft application platform—straight from the Microsoft patterns & practices team. Learn how to choose the most appropriate architecture and the best implementation technologies that the Microsoft application platform offers applications developers. Get critical design recommendations and guidelines organized by application type—from Web, mobile, and rich Internet applications to Office Business Applications. You'll also get links to additional technical resources that can help with your application development.

The books included in this set are: 9780470502204 Professional ASP.NET 4: in C# and VB: Written by three highly recognized and regarded ASP.NET experts, this book provides comprehensive coverage on ASP.NET 4 with a unique approach featuring examples in both C# and VB, as is the incomparable coverage of core ASP.NET. After a fast-paced refresher on essentials such as server controls, the book delves into expert coverage of all the latest capabilities of ASP.NET 4. 9780470502259 Professional C# 4 and .NET 4: After a quick refresher on C# basics, the author dream team moves on to provide you with details of language and framework features including LINQ, LINQ to SQL, LINQ to XML, WCF, WPF, Workflow, and Generics. Coverage also spans ASP.NET programming with C#, working in Visual Studio 2010 with C#, and more. With this book, you'll quickly get up to date on all the newest capabilities of C# 4. 9780470548653 Professional Visual Studio 2010: This book gets you quickly up to speed on what you can expect from Visual Studio 2010. Packed with helpful examples, this comprehensive guide explains examines the features of Visual Studio 2010, which allows you to create and manage programming projects for the Windows platform. It walks you through every facet of the Integrated Development Environment (IDE), from common tasks and functions to its powerful tools 9780470499832 Visual Basic 2010 Programmer's Reference: This reference guide provides you with a broad, solid understanding of essential Visual Basic 2010 topics and clearly explains how to use this powerful programming language to perform a variety of tasks. As a tutorial, the book describes the Visual Basic language and covers essential Visual Basic topics. The material presents categorized information regarding specific operations and reveals useful tips, tricks, and tidbits to help you make the most of the new Visual Basic 2010. 9780470477229 WPF Programmer's Reference: Windows Presentation Foundation with C# 2010 and .NET 4: Written by a leading expert on Microsoft graphics programming, this richly illustrated book provides an introduction to WPF development and explains fundamental WPF concepts. It is packed with helpful examples and progresses through a range of topics that gradually increase in their complexity. 9780470257029 Professional SQL Server 2008 Programming: This expanded best-seller includes new coverage of SQL Server 2008's new datatypes, new indexing structures, manageability features, and advanced time-zone handling. As an added bonus, also includes Professional SQL Server 2005 Programmers for .NET 4 developers still working in a SQL Server 2005 setting.

ASP.NET Core in Action, Second Edition is a comprehensive guide to creating web applications with ASP.NET Core 5.0. Go from basic HTTP concepts to advanced framework customization. Summary Fully updated to ASP.NET 5.0, ASP.NET Core in Action, Second Edition is a hands-on primer to building cross-platform web applications with your C# and .NET skills. Even if you've never worked with ASP.NET you'll start creating productive cross-platform web apps fast. And don't worry about late-breaking changes to ASP.NET Core. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the technology Build full-stack web applications that run anywhere. Developers love ASP.NET Core for its libraries and pre-built components that maximize productivity. Version 5.0 offers new features for server-side apps, as well as background services for cross-platform development. About the book ASP.NET Core in Action, Second Edition is a comprehensive guide to creating web applications with ASP.NET Core 5.0. Go from basic HTTP concepts to advanced framework customization. Illustrations and annotated code make learning visual and easy. Master logins, dependency injection, security, and more. This updated edition covers the latest features, including Razor Pages and the new hosting paradigm. What's inside

Developing apps for Windows and non-Windows servers  
Configuring applications  
Building custom components  
Logging, testing, and security  
About the reader  
For intermediate C# developers.  
About the author  
Andrew Lock is a Microsoft MVP who has worked with ASP.NET Core since before its first release.  
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Develop a simple, yet fully-functional modern web application using ASP.NET Core MVC, Entity Framework and Angular 5.  
About This Book  
Based on the best-selling book ASP.NET Core and Angular 2  
Easily build a complete single page application with two of the most impressive frameworks in modern development, ASP.NET Core and Angular  
Bring together the capabilities and features of both Angular 5 and ASP.NET Core 2 for full stack development  
Discover a comprehensive approach to building your next web project-From managing data, to application design, through to SEO optimization and security  
Who This Book Is For  
This book is for seasoned ASP.NET developers who already know about ASP.NET Core and Angular in general, but want to know more about them and/or understand how to blend them together to craft a production-ready SPA.  
What You Will Learn  
Use ASP.NET Core to its full extent to create a versatile backend layer based on RESTful APIs  
Consume backend APIs with the brand new Angular 5 HttpClient and use RxJS Observers to feed the frontend UI asynchronously  
Implement an authentication and authorization layer using ASP.NET Identity to support user login with integrated and third-party OAuth 2 providers  
Configure a web application in order to accept user-defined data and persist it into the database using server-side APIs  
Secure your application against threats and vulnerabilities in a time efficient way  
Connect different aspects of the ASP. NET Core framework ecosystem and make them interact with each other for a Full-Stack web development experience  
In Detail  
Become fluent in both frontend and backend web development by combining the impressive capabilities of ASP.NET Core 2 and Angular 5 from project setup right through the deployment phase.  
Full-stack web development means being able to work on both the frontend and backend portions of an application. The frontend is the part that users will see or interact with, while the backend is the underlying engine, that handles the logical flow: server configuration, data storage and retrieval, database interactions, user authentication, and more. Use the ASP.NET Core MVC framework to implement the backend with API calls and server-side routing. Learn how to put the frontend together using top-notch Angular 5 features such as two-way binding, Observables, and Dependency Injection, build the Data Model with Entity Framework Core, style the frontend with CSS/LESS for a responsive and mobile-friendly UI, handle user input with Forms and Validators, explore different authentication techniques, including the support for third-party OAuth2 providers such as Facebook, and deploy the application using Windows Server, SQL Server, and the IIS/Kestrel reverse proxy.  
Style and approach  
More than just a technical manual, this guide takes you through the most important technical facets of developing with these two hugely popular frameworks and then demonstrates how to put those skills into practice. It's a book that recognizes that what's really important is the end product.

Find out how to use Docker in your ASP.NET Core MVC applications, and how containers make it easier to develop, deploy and manage those applications in production environments. Packed with examples and practical demonstrations, this book will help you deploy even large-scale, cross-platform web applications from development into production. Best-selling author Adam Freeman takes you on a whirlwind tour of Docker, from creating a consistent development environment for your team to deploying a project and scaling it up in production. By the end of the book, you will have a solid understanding of what Docker does, how it does it and why it is useful when developing and deploying ASP.NET Core MVC applications.  
What You Will Learn  
Gain a solid understanding of Docker: what it is, and why you should be using it for your ASP.NET Core MVC applications  
Use Docker to create a development platform for ASP.NET Core MVC so that applications behave consistently across development and production  
Use Docker to test, deploy and manage ASP.NET Core MVC containers  
Use Docker Swarms to scale up applications to cope with large workloads  
Who This Book Is For  
ASP.NET Core MVC developers who want to use Docker to containerize and manage their applications

Provides information on using ASP.NET MVC 4 to build server-side Web applications.

By now you'll have heard of ASP.NET MVC. This exciting new approach to developing ASP.NET web applications has taken the development world by storm over the last few years. Now a mature technology suitable for mainstream use, its adoption has exploded in recent times. Until recently, ASP.NET MVC was regarded as an advanced technology only suitable for experienced developers with a strong knowledge of classic ASP.NET and C# coding behind them. This book overturns that prejudice and shows that the beautiful simplicity of ASP.NET MVC is just as suitable for novice developers venturing into real-world application design for the first time. With the aid of a fully worked demo application this book explains and demonstrates for you the three pillars of MVC in action. You'll see how the Model, View and Controller patterns work together in a complementary manner to provide MVC's powerful results. There's never been a better time to learn how to use ASP.NET MVC 4. The technology will speed your development times, reduce the verbosity of your code and simplify your application designs all at once. Take the first step towards ASP.NET MVC mastery with Beginning ASP.NET MVC 4.

What you'll learn How to get started with ASP.NET MVC. What tools and components you'll need and how to download and set up the demo application on your system. Understand the details of the MVC pattern with deep-dives into each of the Model, View and Controller elements supported by working code showing them in action. How to apply and extend the MVC patterns to real world solutions: adding AJAX and jQuery, validation and securing user data, testing and deploying the finished application. All of these are discussed and demonstrated. Who this book is for This book is written for readers with basic ASP.NET expertise, such as you might gain from reading Beginning ASP.NET 4.5 in C#. You should be familiar with the underlying structure of ASP.NET applications and comfortable following examples that are underpinned with straight-forward C# code. If you've just found your feet with ASP.NET and are looking to take the next step on the road to mastery then this is the book for you. Table of Contents Introducing ASP.NET MVC 4 Installing ASP.NET MVC 4 The "Have You Seen Me?" ASP.NET MVC 4 Web Application Controllers Views Models Data Validation Ajax and jQuery Security Routing Testing the Application Deploying the Application

In this book, world-renowned ASP.NET expert and member of the Microsoft ASP.NET team Stephen Walther shows experienced developers how to use Microsoft's new ASP.NET MVC Framework to build web applications that are more powerful, flexible, testable, manageable, scalable, and extensible. Writing for professional programmers, Walther explains the crucial concepts that make the Model-View-Controller (MVC) development paradigm work so well and shows exactly how to apply them with the ASP.NET MVC Framework. From controllers and actions to views and models, Walther demonstrates how to apply each ASP.NET MVC Framework feature in real-world projects. In Part II, you'll walk step-by-step through building a full-fledged ASP.NET MVC blog application that implements capabilities ranging from data access to validation. Through this case study, you'll learn how to build ASP.NET MVC applications using test-driven development processes that enable rapid feedback, greater productivity, and better quality. Throughout, Walther presents extensive code examples, reflecting his unsurpassed experience as an ASP.NET instructor, a leading commercial developer, and now as a member of Microsoft's ASP.NET development team. Understand how to: Build enterprise-scale web applications far more rapidly and effectively Develop web applications that are easier to maintain and extend over time Gain unprecedented control over the appearance of your website or application Expose intuitive URLs that are friendlier to search engines and users alike Create ASP.NET MVC models that contain all your application's business, validation, and data access logic Make the most of HTML helpers, model binders, action filters, routing, and authentication Efficiently deploy your ASP.NET MVC applications Use the lightweight JQuery JavaScript library to easily find and manipulate HTML elements Create ASP.NET MVC applications using unit test and mock object framework

Bring dynamic server-side web content and responsive web design together to build websites that work and display well on any resolution, desktop or mobile. With this practical book, you'll learn how by combining the ASP.NET MVC server-side language, the Bootstrap front-end framework, and Knockout.js—the JavaScript implementation of the Model-View-ViewModel pattern. Author Jamie Munro introduces these and other related technologies by having you work with sophisticated web forms. At the end of the book, experienced and aspiring web developers alike will learn how to build a complete shopping cart that demonstrates how these technologies interact with each other in a sleek, dynamic, and responsive web application. Build well-organized, easy-to-maintain web applications by letting ASP.NET MVC 5, Bootstrap, and Knockout.js do the heavy lifting Use ASP.NET MVC 5 to build server-side web applications, interact with a database, and dynamically render HTML Create responsive views with Bootstrap that render on a variety of modern devices; you may never code with CSS again Add Knockout.js to enhance responsive web design with snappy client-side interactions driven by your server-side web application

Aggiornata a .NET Framework 4.8, .NET Core 3 e Visual Studio 2019, questa guida completa a Visual Basic 2019 è l'espressione corale di un gruppo di sviluppatori che, sin dalla sua prima versione, utilizza questo linguaggio per costruire applicazioni di ogni tipo, da quelle dedicate al web fino a complessi sistemi enterprise. Il libro, che include le novità introdotte dalle ultime versioni di .NET, tratta le basi del linguaggio fino ai concetti più avanzati, spiega l'uso dell'OOP in Visual Basic, per poi passare alle tecnologie più attuali come LINQ, Entity Framework, WPF, Windows 10, ASP.NET e servizi distribuiti. È il testo ideale sia per chi inizia a programmare con Visual Basic sia per chi usa da tempo questo linguaggio e vuole scoprire tutte le novità di Visual Basic 2019.

Featuring full coverage of new version 2 features, this book helps readers use developer-oriented upgrades like "Areas" to break a large project into smaller pieces and explore the new data handling tools.

Develop mobile enterprise applications in a language you already know! With employees, rather than the IT department, now driving the decision of which devices to use on the job, many companies are scrambling to integrate enterprise applications. Fortunately, enterprise developers can now create apps for all major mobile devices using C#/.NET and Mono, languages most already know. A team of authors draws on their vast experiences to teach you how to create cross-platform mobile applications, while delivering the same functionality to PC's, laptops and the web from a single technology platform and code-base. Rather than reinventing the wheel with each app, this book provides you with the tools you need for cross-platform development--no new languages needed! Presents an overview of the sea change occurring with the use of enterprise mobile applications and what it means for developers Shares the criteria for evaluating and selecting the best option for application architecture Reviews tools and techniques for setting up a cross-platform development environment Offers an introduction to the MonoCross open-source project and pattern for cross-platform development Packed with specific software design patterns, development best practices, code examples and sample applications, this must-have book gets you started developing cross-platform mobile apps today.

Programmers: protect and defend your Web apps against attack! You may know ASP.NET, but if you don't understand how to secure your applications, you need this book. This vital guide explores the often-overlooked topic of teaching programmers how to design ASP.NET Web applications so as to prevent online thefts and security breaches. You'll start with a thorough look at ASP.NET 3.5 basics and see happens when you don't implement security, including some amazing examples. The book then delves into the development of a Web application, walking you through the vulnerable points at every phase. Learn to factor security in from the ground up, discover a wealth of tips and industry best practices, and explore code libraries and more resources provided by Microsoft and others. Shows you step by step how to implement the very latest security techniques Reveals the secrets of secret-keeping—encryption, hashing, and not leaking information to begin with Delves into authentication, authorizing, and securing sessions Explains how to secure Web servers and Web services, including WCF and ASMX Walks you through threat modeling, so you can anticipate problems Offers best practices, techniques, and industry trends you can put to use right away Defend and secure your ASP.NET 3.5 framework Web sites with this must-have guide.

This bestselling comprehensive guide to ASP.NET Core is the only book you need for ASP.NET Core development. Period. Professional developers will produce leaner applications for the ASP.NET Core platform using the guidance in this full-color book, now in its 8th edition and updated for ASP.NET Core 3. It contains detailed explanations of the ASP.NET Core platform and the application frameworks it supports. This edition puts ASP.NET Core 3 into context and dives deep 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 are applied. ASP.NET Core 3 is the latest evolution of Microsoft's ASP.NET web platform and 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 3. He starts with the nuts-and-bolts topics, teaching you about middleware components, built-in services, request model binding, and more. As you gain knowledge and confidence, he introduces increasingly more complex topics and advanced features, including endpoint routing and dependency injection. He goes 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 3 release and broadens the focus to include the entire ASP.NET Core platform. You will appreciate the fully worked case study of a functioning ASP.NET Core application that you can use as a template for your own projects. What You Will Learn Build a solid foundation and skill set for working with the entire ASP.NET Core platform Apply the new ASP.NET Core 3 features in your developer environment See how to create RESTful web services, web applications, and client-side applications Build on your existing knowledge to get up and running with new programming models quickly and effectively Who This Book Is For This book is for Microsoft developers and assumes a basic knowledge of web development and C#. While written for professionals who want to incorporate the latest improvements and functionality of ASP.NET Core 3 into their own projects, it also serves as an in-depth and complete reference on the topic. Beginners with some background in Microsoft web development will also benefit from the comprehensive coverage of the topic.

Summary Fast ASP.NET Websites delivers just what it promises—practical, hands-on guidance to create faster, more efficient ASP.NET sites and applications. This book offers step-by-step .NET-specific examples showing you how to apply classic page optimization tips, ASP.NET-specific techniques, and ways to leverage new HTML5 features. About the Technology There's a real cost to inefficient HTTP requests, overloaded data streams and bulky scripts. Server throughput is a precious commodity and seconds—even tiny fractions of a second—can seem like an eternity while a visitor waits for your site to load. As an ASP.NET developer, there are dozens of techniques you can apply immediately to make your sites and applications faster. You'll find them here. About this Book Fast ASP.NET Websites delivers just what it promises—practical, hands-on guidance to create faster, more efficient ASP.NET sites and applications. This book offers step-by-step .NET-specific examples showing you how to apply classic page optimization tips, ASP.NET-specific techniques, and ways to leverage new HTML5 features. Readers should be familiar with basic HTML, CSS, and ASP.NET concepts. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. What's Inside Drastically improved response times Tips for Webforms and ASP.NET MVC sites Optimizing existing pages .NET-specific examples About the Author Dean Hume is a software developer and blogger based in the U.K. A passionate techie, he created the ASP.NET HTML5 toolkit and blogs regularly about web performance at [www.deanhume.com](http://www.deanhume.com). Table of Contents PART 1 DEFINING PERFORMANCE High-speed websites First steps toward a faster website PART 2 GENERAL PERFORMANCE BEST PRACTICES Compression Caching: The sell-by date Minifying and bundling static files HTML optimization tips Image optimization ETags Content Delivery Networks PART 3 ASP.NET-SPECIFIC TECHNIQUES Tweaking ASP.NET MVC performance Tweaking ASP.NET Web Forms performance Data caching

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.

Want to learn how to build ASP.NET Core 1.1 MVC Web Applications? Prerequisites: \* C# (Intermediate level) \* HTML5/CSS3 (Basic knowledge) This book is primarily aimed at developers who want to learn how to build ASP.NET Core 1.1 MVC Applications. You should be an intermediate level C# developer with some experience in HTML5 and CSS3. The book presupposes that you have a solid C# foundation since the language won't be explained in any detail. You will learn ASP.NET Core 1.1 by building two MVC applications. The first application will be built using an empty template. The goal is to get you familiar with ASP.NET Core 1.1 by adding middleware and services one piece at a time, building a basic application. Then you will build a second MVC application using a template that already contains support for MVC, Entity Framework Core, and user authentication. This application is a video course website, where users can register to gain access to video courses. If you are already familiar with MVC 5, the content in this book can get you started with ASP.NET Core 1.1 in a fast, no-fluff way. It's important to mention that this book is practical and tactical, where you will learn as you progress through the modules and build real web applications in the process. To spare you countless pages of fluff (filler material), only valuable information, pertinent to the task at hand, is discussed. The benefit is a shorter and more condensed book, which will save you time and give you a more enjoyable experience. The goal is to learn ASP.NET Core 1.1 by building two web applications, one from scratch and one from an existing template. This experience is something you can put in your CV when applying for a job or a consultant position, or when negotiating a higher salary. Technologies, frameworks and languages you will use: \* ASP.NET Core 1.1 MVC (The framework that you will use) \* Services (To provide you own functionality as a reusable service) \* Middleware (To provide you own functionality to HTTP Request pipeline) \* Entity Framework (To crate and communicate with a database) \* View Component (To render data in the \_Layout view with model data) \* Razor syntax (To include server-side code in views) \* Bootstrap (Used for styling and to create a responsive design) \* LINQ (To query the database) \* Dependency Injection (To inject objects into constructors) \* Tag Helper (to clean up the HTML and enable re-use) \* HTML Helper methods (to clean up your HTML and enable re-use) \* Bower/NuGet (To install necessary front-end/back-end libraries) What you will implement: \* Implement a web application from an empty template. \* Implement a web application from an existing template. \* Create a "real world" code-first database using Entity Framework Core. \* Add and modify models, views and controllers to perform CRUD operations against the database. \* Use client-side and server-side validation. \* Secure the controllers, actions and view content with authorization and roles. \* Styling HTML with CSS and Bootstrap. \* Create a responsive website. \* Register users with the site. \* Manage users and their video courses. I hope you love the book! Sincerely, Jonas Fagerberg Now click the Buy button and start reading the book.

Aggiornata a .NET Framework 4.6 e Visual Studio 2015, questa guida completa a C# 6 è l'espressione corale del più noto gruppo di sviluppatori italiano. Include le ultime novità introdotte dal linguaggio e dal framework. Dalle basi del linguaggio fino ai concetti più avanzati, viene spiegato l'uso dell'OOP in C#, di LINQ, Entity Framework, XAML, Windows 10, ASP.NET e servizi per il web. È l'ideale sia per chi inizia a programmare sia per chi necessita di apprendere tutte le novità di C# 6.

Aggiornata a .NET Framework 4.5 e Visual Studio 2012, questa guida completa a C# 5 è l'espressione corale di un gruppo di sviluppatori che utilizza questo linguaggio sin dalla sua prima versione, per costruire applicazioni di ogni tipo, da quelle dedicate al web a complessi sistemi enterprise. Il libro, che include le ultime novità introdotte dal framework nella versione 4.5, tratta le basi del linguaggio no ai concetti più avanzati, spiega l'uso dell'OOP in C#, per poi passare alle tecnologie più attuali come LINQ, Entity Framework, WPF, Windows 8, ASP.NET e WCF. È il testo ideale sia per chi inizia a programmare sia per chi usa da tempo questo linguaggio e vuole scoprire tutte le novità di C# 5.

ASP.NET MVC (Model View Framework) allows you to use ready-to-use MVC code so you can develop Web applications faster. This book's cut-to-the-chase approach gets you up to speed on the new ASP.NET MVC without getting bogging you down in learning or re-learning ASP.NET itself. You'll receive straightforward instruction on concepts, backed by real-world case studies and examples that offer practical solutions. Topics include test-driven development and unit testing, the principles of the MVC pattern, how to implement it, how to move from traditional ASP.NET Webforms to ASP.NET MVC, and much more.

ASP.NET MVC est le framework de développement web tendance poussé par Microsoft. Découvrez avec votre formateur expert Christophe Cadilhac la cinquième version d'ASP.NET MVC qui est le fruit de plus de six ans de travail des équipes du célèbre éditeur. Dans cette formation, vous découvrirez les bases de fonctionnement de ce framework avec des exercices pratiques et simples. L'objectif est ainsi de vous permettre de développer votre application grâce à MVC, sans rien laisser au hasard !

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.

Il linguaggio di programmazione C# è il punto di riferimento della programmazione su piattaforma .NET da oltre 10 anni, infatti è stato introdotto appositamente a tale scopo e ogni novità che riguarda la piattaforma è introdotta per prima in questo linguaggio, seguendo anche le indicazioni e i bisogni della comunità di sviluppatori. I sistemi operativi Microsoft Windows 8, per PC e tablet, e Windows Phone 8, per smartphone, sono basati su .NET, e C# è il linguaggio che consente di iniziare a sviluppare su queste e altre piattaforme nel modo più rapido e produttivo. Lo scopo di questo libro è illustrare le basi fondamentali del linguaggio vero e proprio, quindi la sintassi e i suoi costrutti, applicate naturalmente al paradigma di programmazione orientato agli oggetti, arrivando ai concetti avanzati che permettono di sfruttare C# in tutte le sue sfaccettature: generics, eccezioni, delegate, espressioni lambda, LINQ, programmazione asincrona, multithreading. Grazie alle basi poste nella prima parte si passerà poi a problemi e concetti di sviluppo tipici del mondo reale: file, database, sviluppo di applicazioni con interfaccia grafica, sviluppo di applicazioni web, sviluppo di app per Windows 8 e Windows Phone 8. Il libro, grazie alla sua completezza, è adatto sia a chi non ha mai affrontato alcun linguaggio di programmazione e vuole imparare da zero, sia a chi invece proviene da altre piattaforme o linguaggi e vuole imparare a sviluppare in C# e .NET.

ASP.NET MVC 6 Recipes is a practical guide for developers creating modern web applications, cutting through the complexities of ASP.NET, jQuery, Knockout.js and HTML 5 to provide straightforward solutions to common web development problems using proven methods based on best practices. The problem-solution approach gets you in, out, and back to work quickly while deepening your understanding of the underlying platform and how to develop with it. Author John Ciliberti guides you through the MVC framework and development tools, presenting typical challenges, along with code solutions and clear, concise explanations, to accelerate application development. Inside you will find recipes that demonstrate how to take advantage of MVC's streamlined syntax, full control over HTML, a simple API for creating RESTful web services, support for test driven development, and more. Solve problems immediately by pasting in code from the recipes, or put multiple recipe solutions together to overcome challenging development obstacles.

Get up and running quickly with Microsoft ASP.NET MVC and Entity Framework as you build and deploy complex websites. By using a fully working example retail website you will learn solutions to real-world issues that developers frequently encounter. Whether you are a novice developer or an experienced .NET developer wishing to learn more about MVC and Entity Framework, author Lee Naylor will teach you how to develop a detailed database-driven example website using Microsoft ASP.NET and Entity Framework Code First with fully explained code examples. What You Will Learn: • Get up and running quickly with ASP.NET MVC and Entity Framework to build a complex website to display and manage several related entities• Integrate identity code into a project• Understand advanced topics, including asynchronous database access and managing data conflicts• Work with Microsoft Azure, including remote debugging and database access• Develop your CSS skills, including animations and media queries for use with tablet or mobile/cell phone devices Who This Book Is For: Novice developers new to the subject through to more experienced ASP.NET web forms developers looking to migrate from web forms to MVC and Entity Framework. The book assumes some programming knowledge such as object-oriented programming concepts and a basic knowledge of C#.

Learn how web applications can be built efficiently using ASP.NET Core 2.0 and related frameworks About This Book Get to grips with the new features and APIs introduced in ASP.NET Core 2.0 Leverage the MVC framework and Entity Framework Core 2 to build efficient applications Learn to deploy your web applications in new environments such as the cloud and Docker Who This Book Is For This book is for developers who would like to build modern web applications with ASP.NET Core 2.0. No prior knowledge of ASP.NET or .NET Core is required. However, basic programming knowledge is assumed. Additionally, previous Visual Studio experience will be helpful but is not required, since detailed instructions will guide through the samples of the book. This book can also help people, who work in infrastructure engineering and operations, to monitor and diagnose problems during the runtime of ASP.NET Core 2.0 web applications. What You Will Learn Set up your development environment using Visual Studio 2017 and Visual Studio Code Create a fully automated continuous delivery pipeline using Visual Studio Team Services Get to know the basic and advanced concepts of ASP.NET Core 2.0 with detailed examples Build an MVC web application and use Entity Framework Core 2 to access data Add Web APIs to your web applications using RPC, REST, and HATEOAS Authenticate and authorize users with built-in ASP.NET Core 2.0 features Use Azure, Amazon Web Services, and Docker to deploy and monitor your applications In Detail The ability to develop web applications that are highly efficient but also easy to maintain has become imperative to many businesses. ASP.NET Core 2.0 is an open source framework from Microsoft, which makes it easy to build cross-platform web applications that are modern and dynamic. This book will take you through all of the essential concepts in ASP.NET Core 2.0, so you can learn how to build powerful web applications. The book starts with a brief introduction to the ASP.NET Core framework and the improvements made in the latest release, ASP.NET Core 2.0. You will then build, test, and debug your first web application very quickly. Once you understand the basic structure of ASP.NET Core 2.0 web applications, you'll dive deeper into more complex concepts and scenarios. Moving on, we'll explain how to take advantage of widely used frameworks such as Model View Controller and Entity Framework Core 2 and you'll learn how to secure your applications. Finally, we'll show you how to deploy and monitor your applications using Azure, AWS, and Docker. After reading the book, you'll be able to develop efficient and robust web applications in ASP.NET Core 2.0 that have high levels of customer satisfaction and adoption. Style and approach Start an exciting journey to building high performance web applications using ASP.NET Core 2.0 and MVC

Mobile ASP.NET MVC 5 will take you step-by-step through the process of developing fluid content that adapts its layout to the client device using HTML, JavaScript and CSS, and responsive web design. This book introduces server-side techniques that allow you to show different content to different devices and make the most of their strengths and capabilities. Mobile ASP.NET MVC 5 includes a wide range of techniques, tips, and guidelines for dealing with some of the challenges of mobile web development, such as browser incompatibilities, varying device performance, and targeting older devices. You'll learn to: Use responsive principles to build apps that display and perform well on a range of mobile devices. Leverage your server-side code to customize what you serve to the client, depending on its capabilities. Build an ASP.NET MVC custom view engine, use display modes effectively, and create reusable mobile components with custom HTML helpers. Make the most of new capabilities offered on some devices by interacting with native APIs. By the end of Mobile ASP.NET MVC 5, you should feel confident building web apps that successfully target anything from an iOS or Android device to a feature phone or an

older mobile browser. Along the way, you'll learn about the modern mobile web landscape and how to choose the approaches that are right for you, depending on your target audience. This book is for the ASP.NET developer who knows how ASP.NET MVC works and is eager to learn how to use it for building mobile websites. What you'll learn Use responsive principles to build apps that display and perform well on a range of mobile devices. Leverage your server-side code to customize what you serve to the client, depending on its capabilities. Build an ASP.NET MVC custom view engine, use display modes effectively, and create reusable mobile components with custom HTML helpers. Make the most of new capabilities offered on some devices by interacting with native APIs. Learn tips and tricks for dealing with browser incompatibilities and targeting older devices. Benefit from the author's experience as he guides you through a full range of modern mobile web strategy. Who this book is for This book is for the ASP.NET developer who knows how ASP.NET MVC works and is eager to learn how to use it for building mobile websites. Thorough knowledge of ASP.NET MVC is not at all required but some is assumed. This book also assumes a little knowledge of HTML, CSS and JavaScript. You do not need any prior experience in mobile development. Table of ContentsChapter 1: The Basics of Responsive Web Design Chapter 2: CSS Layout Bootcamp Chapter 3: Flexible Layouts Chapter 4: Flexible Navigation Chapter 5: Flexible Content Chapter 6: Display Modes, View Engines and Html Helpers Chapter 7: Device and Feature Detection Chapter 8: Mobile Performance Chapter 9: Native APIs, HTML5 and CSS3 on Mobile Today Chapter 10: Programming for Touch Chapter 11: Advanced Touch Programming Chapter 12: Useful Libraries for Mobile

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