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Collana	Expert's Voice in Web Development
Disciplina	005.276
Soggetti	Microsoft software Microsoft .NET Framework Software engineering Microsoft and .NET Software Engineering/Programming and Operating Systems
Lingua di pubblicazione	Inglese
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Nota di contenuto	Contents at a Glance; Part 1: Getting Ready; Chapter 1: Putting the ASP.NET Platform in Context; What Is the ASP.NET Platform?; What Do You Need to Know?; What's the Structure of This Book?; Part 1: Getting Ready; Part 2: The ASP.NET Platform Foundation; Part 3: The ASP.NET Services; Are There Lots of Examples?; Where Can You Get the Example Code?; What Software Do You Need for This Book?; Preparing Visual Studio; Getting Google Chrome; Summary; Chapter 2: Pattern and Tools Primer; Understanding the MVC Pattern; Understanding the Benefits of the MVC Pattern; Creating the Example Project Creating the MVC ComponentsTesting the Application; Adding Packages to the Project; Using Bootstrap; Summary; Part 2: The ASP.NET Platform Foundation; Chapter 3: The ASP.NET Life Cycles; Preparing the Example Project; The ASP.NET Application Life Cycle; Understanding the Application Life Cycle; Receiving Notifications When the Application Starts and Ends; Testing the Start and Stop Notifications; Testing the Start Notification; Testing the Stop Notification; The ASP.NET Request Life Cycle; Understanding the Request Life Cycle; Understanding Modules and Handlers Handling Request Life-Cycle Events Using Special MethodsDisplaying

the Event Information; Handling Request Life-Cycle Events Without Special Methods; Using a Single Method to Handle Multiple Events; The ASP.NET Context Objects; Understanding the ASP.NET Context Objects; Working with HttpApplication Objects; Handling Property Exceptions; Working with HttpRequest Objects; Working with HttpResponse Objects; Summary; Chapter 4: Modules; Preparing the Example Project; ASP.NET Modules; Creating a Module; Setting Up the Event Handlers; Handling the BeginRequest Event; Handling the EndRequest Event Registering a ModuleTesting the Module; Creating Self-registering Modules; Creating the Project; Creating the Module; Creating the Registration Class; Testing the Module; Using Module Events; Defining the Module Event; Creating the Consuming Module; Generating HTML; Understanding the Built-in Modules; Summary; Chapter 5: Handlers; Preparing the Example Project; Adding the System.Net.Http Assembly; ASP.NET Handlers; Understanding Handlers in the Request Life Cycle; Understanding Handlers; Handlers and the Life-Cycle Events; Creating a Handler; Registering a Handler Using URL Routing Registering a Handler Using the Configuration FileTesting the Handler; Creating Asynchronous Handlers; Creating Modules That Provide Services to Handlers; Consuming the Items Data; Targeting a Specific Handler; Decoupling Components Using Declarative Interfaces; Custom Handler Factories; Controlling Handler Instantiation; Registering the Handler Factory; Selecting Handlers Dynamically; Reusing Handlers; Summary; Chapter 6: Disrupting the Request Life Cycle; Preparing the Example Project; Adding the Bootstrap Package; Creating the Controller; Creating the View; Testing the Example Application Using URL Redirection

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## Sommario/riassunto

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.

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