

Beginning Asp Net 4 5 1 In C And Vb Wrox Programmer To Programmer

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.

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.

This book is for anyone who wants to learn how to build rich and interactive Microsoft

Read Online Beginning Asp Net 4 5 1 In C And Vb Wrox Programmer To Programmer

ASP.NET web sites. With the knowledge you gain from this book, you create a great foundation to build any type of web site, ranging from simple hobby-related web sites to sites you may be creating for commercial purposes. Using this book's step-by-step format you'll learn to: Obtain, install, and customize Visual Web Developer (VWD) 2008 create a new web site and how to add new pages to it. use the numerous tools in VWD to create HTML and ASP.NET pages use the VWD tools and CSS, the language that is used to format web pages What ASP.NET server controls are, what they are used for, and how to use them program web pages Visual Basic or C# create consistent-looking pages through the use of master pages, skins, and themes build the navigation structure of your site create and use User Controls and enhance them to repeat content like menus and banners accept, validate, and process user input and send e-mail from your ASP.NET web application create good looking, flicker free web page interaction with ASP.NET Ajax the basics of SQL, the language used access and alter data in a database use the database tools found in Visual Web Developer use the ASP.NET data controls to create an interface for your users to interact with your application's data use LINQ to SQL to access SQL Server databases without writing a lot of manual code change the visual appearance of your data through the use of control styles interact with the data-bound controls and speed up your application use the security ASP.NET features to create user accounts, distinguish between anonymous and logged on users, and manage the users in your system create personalized web pages with content targeted at individual users find and fix problems with VWD debugging tools deploy and run your final web site

In this book, you'll be introduced to the features and capabilities of ASP.NET 3.5, as well as the foundation that ASP.NET provides. Updated for the latest release of Visual Studio, this new edition adds five hundred pages of great new content compared to the original 2.0 version of the book. Including both printed and downloadable VB and C# code examples, this edition focuses even more on experienced programmers and advanced web development. New coverage includes new chapters on IIS 7 development, LINQ, ASP.NET, Silverlight, and many others.

The all-new approach for experienced ASP.NET professionals! ASP.NET is Microsoft's technology for building dynamically generated web pages from database content. Originally introduced in 2002, ASP.NET has undergone many changes in multiple versions and iterations as developers have gained a decade of experience with this popular technology. With that decade of experience, this edition of the book presents a fresh, new overhauled approach. A new focus on how to build ASP.NET sites and applications relying on field-tested reliable methods Integration of "One ASP.NET" philosophy treating ASP.NET Web Forms and ASP.NET MVC as equal tools each with their proper time and place Coverage of hot new ASP.NET 4.5 additions such as the Web API, Websockets and HTML5 & CSS3 use in layout but only to the extent that the tools themselves are practical and useful for working ASP.NET developers Professional ASP.NET 4.5 in C# and VB is an essential tool for programmers who need to be productive and build reliably performing sites with the latest ASP.NET Framework and Visual Studio.

What is this book about? This comprehensive compendium provides a broad and thorough investigation of all aspects of programming with ASP.NET. Entirely revised and updated for the 1.0 Release of .NET, this book will give you the information you

Read Online Beginning Asp Net 4 5 1 InC And Vb Wrox Programmer To Programmer

need to master ASP.NET and build dynamic, successful, enterprise Web applications. What does this book cover? Here are just a few of the topics covered in this book: What ASP.NET is, and how it makes building applications even easier How easy it is to work with ASP.NET pages and server-side controls Accessing data of all kinds in your ASP.NET pages An introduction to ADO.NET Getting started with ASP.NET and the .NET Framework Creating ASP.NET pages, working with server controls, and data management Developing, securing, and configuring web applications Exploring Base class libraries, components, and extensibility Working with Web Services and ASP.NET in the mobile arena Debugging, performance, migration, and interoperability Integrating this knowledge in real world development contexts Who is this book for? This book is aimed at experienced ASP developers working at the leading edge — rather than the casual ASP developer or beginner. We do not cover the basics of COM, ASP, or the .NET programming languages. This book is also ideal for Visual Basic developers who want to move into Web application design. What do you need to use this book? Here's what you need to know in order to use this book: A solid understanding of ASP Familiarity with VB or C-based syntax (C++, Java(TM), or C#) A desire to develop sophisticated ASP.NET applications using the .NET Framework A desire for a comprehensive and in-depth guide to this exciting new technology

The definitive programming guide to ASP.NET, by popular author and Microsoft MVP Imar Spaanjaars Updated for ASP.NET 4, this introductory book retains its helpful examples and step-by-step format from the previous version and keeps the style of offering code examples written in both C# and Visual Basic. Beloved author and Microsoft ASP.NET MVP walks you through ASP.NET, Microsoft's technology for building dynamically generated Web pages from database content. You'll discover many improvements that ASP.NET 4 offers over the previous version, such as the ASP.NET MVC framework, Ajax improvements, jQuery support, and more. You'll gradually build a Web site example that takes you through the processes of building basic ASP.NET Web pages, adding features with pre-built server controls, designing consistent pages, displaying data, and more. Popular author and Microsoft ASP.NET MVP Imar Spaanjaars updates you on the latest updates to ASP.NET 4, Microsoft's technology for building dynamic Web pages from database content Shows you how the 4 version differs from ASP.NET 3.5 and reviews its new features, including the ASP.NET MVC framework, various Ajax improvements, jQuery support, and more Spaanjaars's distinct writing style puts you at ease with learning ASP.NET 4. 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 complimentary 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 is this book about? ASP.NET 1.0 is the final release of Microsoft's Active Server Pages (ASP). It is a powerful server-based technology designed to create dynamic, interactive, HTML pages for web sites and corporate intranets.

ASP.NET is a core element of Microsoft's exciting .NET vision, building on the strengths of the .NET Framework to provide many new features not seen in previous versions of ASP. This book, entirely revised and updated for the final release, will provide you with a step-by-step introduction to ASP.NET using VB.NET, with plenty of worked examples to help you to gain a deep understanding of what ASP.NET is all about, and how you can harness it to build powerful web applications. What does this book cover? In this book, you will learn how to Create basic ASP.NET pages with VB .NET Understand the concepts of Object Oriented Programming Work with data and XML Debug and handling errors in your code Use ASP.NET Server Controls Create user controls and components Explore the world of Web services Optimize performance Secure your application Who is this book for? This book is aimed at relatively inexperienced web builders who are looking to enrich their sites with dynamically-generated content, and want to learn how to start building web applications using ASP.NET. Developers who have a little experience with previous versions of ASP (and are looking to move over to ASP.NET), may also find this book helpful in getting a simple grasp on what ASP.NET is, what it does, and how it can be used. Experience of basic HTML is required, but previous experience of ASP or VBScript is not essential. We'll be teaching the basics of VB .NET in this book, so prior experience of the language is not required.

What is this book about? For a web site to offer its users an experience that improves on that of newspapers or textbooks, it needs a way to change the information it contains dynamically - and that means it needs access to a data source. Through the combination of ASP.NET and ADO.NET, Microsoft provides everything necessary to access, read from, and write to a database, and then allow web users to view and manipulate that data from a web browser. In this book, we'll show you how it's done. What does this book cover? Packed with clear explanations and hands-on examples, Beginning ASP.NET Databases contains everything you'll need on your journey to becoming a confident, successful programmer of data-driven web sites. In particular, we'll look at: Connecting to common data sources, including SQL Server and MS Access Reading data with data reader and dataset objects Creating and deleting records, and editing data Displaying data with ASP.NET's web server controls Writing and using stored procedures from VB.NET code Placing your data access code in reusable class libraries The book closes with a real-world case study that consolidates the tutorials throughout the book into a practical result. Who is this book for? To use this book, you need a computer running either Windows 2000

or Windows XP Professional Edition. The examples it contains will not run on Windows XP Home Edition. This book is for people who have some experience of programming ASP.NET with Visual Basic .NET, are familiar with the operation of the .NET Framework, and want to learn how to use ASP.NET to make data-centric web applications. No prior knowledge of database programming is necessary.

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.

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

Explores Visual Basic programming fundamentals within the .NET framework--Microsoft's visionary development environment for the Web. 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

The most comprehensive book on Microsoft's ASP.NET 4.5 platform, ASP.NET 4.5 Unleashed covers all facets of ASP.NET development and has been fully updated for Visual Studio 2013. It offers both an outstanding tutorial on core features and a "deep dive" for long-term reference. Former Microsoft ASP.NET program manager Stephen Walther and leading enterprise developer Nate Dudek begin by introducing ASP.NET Framework's essential controls, and show how to create common site-wide layouts and styles. Next, they cover all aspects of accessing, presenting, organizing, and editing data. You'll find thorough and practical sections on providing effective site navigation, securing sites and applications, and much more. This edition's extensive new coverage includes: Building ASP.NET Web API applications Building ASP.NET applications for mobile devices Making the most of new asynchronous programming techniques Building real-time multi-user applications with SignalR Protecting sites from hacks and attacks Using strongly-typed data controls and model binding Leveraging JavaScript frameworks and modern techniques to build world-class AJAX solutions Following the same approach that has made previous editions of this book a best-seller, Walther and Dudek present hundreds of realistic, up-to-date, downloadable code examples that reflect their unsurpassed experience with the entire ASP.NET platform.

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. Table of Contents PART 1 - GETTING STARTED WITH ASP.NET CORE 1 Getting started with ASP.NET Core 2 Your first application 3 Handling requests with the middleware pipeline 4 Creating a website with Razor Pages 5 Mapping URLs to Razor Pages using routing 6 The binding model: Retrieving and validating user input 7 Rendering HTML using Razor views 8 Building forms with Tag Helpers 9 Creating a Web API for mobile and client applications using MVC PART 2 - BUILDING COMPLETE APPLICATIONS 10 Service configuration with dependency injection 11 Configuring an ASP.NET Core application 12 Saving data with Entity Framework Core 13 The MVC and Razor Pages filter pipeline 14 Authentication: Adding users to your application with Identity 15 Authorization: Securing your application 16 Publishing and deploying your application PART 3 - EXTENDING YOUR APPLICATIONS 17 Monitoring and troubleshooting errors with logging 18 Improving your application's security 19 Building custom components 20 Building custom MVC and Razor Pages components 21 Calling remote APIs with IHttpConnectionFactory 22 Building background tasks and services 23 Testing your application

This book is the most comprehensive and up to date introduction to ASP.NET ever written. Focussing solely on C#, with no code samples duplicated in other languages, award winning author Matthew MacDonald introduces you to the very latest thinking and best practices for the ASP.NET 4.5 technology. Assuming no prior coding experience, you'll be taught everything you need to know from the ground up. Starting from first principals, you'll learn the skills you need to be an effective ASP.NET developer who is ready to progress to more sophisticated projects and professional work. You'll be taught how to use object orientation and code-behind techniques to lay out your code clearly in a way other developers can easily understand. You'll learn how to query databases from within you web pages, spice up your layouts using ASP.NET AJAX and deploy your finished websites to production servers. You'll also learn how to debug your code when things go wrong and the performance and scalability issues that can affect your web projects as they grow. With you book you can take your first step towards becoming a successful ASP.NET developer with confidence.

What is this book about? This hands-on guide teaches you how to build custom ASP.NET Web sites from the ground up. An expert team of authors uses their extensive ASP.NET programming experience to give you hands-on instruction in the

Read Online Beginning Asp Net 4 5 1 InC And Vb Wrox Programmer To Programmer

best way to create Web sites with ASP.NET and C#. This completely updated edition features new examples, and all code is written and tested for ASP.NET version 1.1. What does this book cover? Here are some details on what you'll discover in this book: Fast ASP.NET site construction using Microsoft's new, free Web Matrix tool How to install and configure ASP.NET Basic programming principles for C#, such as variables, control structures, and procedural programming Techniques for applying these principles as you develop ASP.NET pages The minimum amount of object-oriented programming necessary to work successfully and efficiently with ASP.NET Key differences between ASP.NET 1.0 and 1.1, how to use the examples in this book with either version, and how to move from 1.0 to 1.1 Techniques for extending your ASP.NET sites to incorporate related tools and technologies, such as using ADO.NET for data source access, Web Services for inter-site communication, and Server Controls to facilitate code maintenance and reuse How you can make your ASP.NET site production-ready through proper debugging, optimization, and security Who is this book for? This book is for beginners who have no previous experience with ASP, C#, XML, object-oriented programming, or the .NET framework. A little knowledge of HTML is useful, but not essential. All the concepts you need to create dynamic ASP.NET Web sites are presented and explained in full.

ASP.NET Core 5 for Beginners is a practical guide for developers for building dynamic and powerful web applications with the ASP.NET Core framework and C#. From basic ASP terminologies to creating a single-page application, and from testing and maintaining the app to deploying it on the cloud, this book covers everything you need to get started.

This Wrox Blox is a value-packed resource to help experienced .NET developers learn the new .NET release. It is excerpted from the Wrox books: Professional C# 4 and .NET 4, Professional ASP.NET 4, and WPF Programmer's Reference by Christian Nagel, Bill Evjen, Scott Hanselman, and Rod Stephens, and includes more than 100 print book pages drawn from these three key titles. It is an excellent resource to help .NET developers get up to speed fast on .NET 4, C# 4.0, ASP.NET 4, and WPF, providing all the information needed to program with the important new features, including: C# Dynamic Types and Parallel Tasks; ASP.NET Ajax, Chart Controls, MVC, and Object Caching; and key WPF principles as developers move from WinForms to WPF. In addition, it provides examples built with the native Visual Studio 2010 tools that developers are comfortable with. Table of Contents Part I: Professional C# 4 and .NET 4 Covariance and Contra-variance Tuples The Dynamic Type Code Contracts Tasks Parallel Class Cancellation Framework Taskbar and Jump List Part II: Professional ASP.NET 4 in C# and VB Chart Server Control ASP.NET AJAX Control Toolkit Extending .NET 4's New Object Caching Option Historical Debugging with IntelliTrace Debugging Multiple Threads ASP.NET MVC Using WCF Data Services Creating Your First Service Building an ASP.NET Web Package Part III: WPF Programmer's Reference Code-behind Files Example Code Event Name Attribute Resource Styles and Property Trigger Event Triggers and Animation Templates Skins Printing Visual Objects Printing Code-Generated Output Data Binding Transformations Effects Documents Three-Dimensional Drawing

Learn to build dynamic web sites with Microsoft WebMatrix Microsoft WebMatrix is designed to make developing dynamic ASP.NET web sites much easier. This complete

Read Online Beginning Asp Net 4 5 1 InC And Vb Wrox Programmer To Programmer

Wrox guide shows you what it is, how it works, and how to get the best from it right away. It covers all the basic foundations and also introduces HTML, CSS, and Ajax using jQuery, giving beginning programmers a firm foundation for building dynamic web sites. Examines how WebMatrix is expected to become the new recommended entry-level tool for developing web sites using ASP.NET Arms beginning programmers, students, and educators with all the information they need to start developing dynamic web sites, including design tips and layout advice Explains the Packages Administration tool, including how to use the Facebook Social and Web Helper packages Covers working with files, images, and databases; debugging and error handling; maintaining security; and site optimization In the tried-and-true tradition of Wrox Beginning guides, Beginning ASP.NET Web Pages with WebMatrix gives novice programmers the knowledge and confidence they need to get going.

The most up-to-date and comprehensive introductory ASP.NET book you'll find on any shelf, Beginning ASP.NET 4 in C# 2010 guides you through Microsoft's latest technology for building dynamic web sites. Learn how to build sophisticated web pages quickly and easily using the most powerful tools available. Starting with the basics, this book provides exhaustive coverage of ASP.NET, guiding you from your first steps right through to advanced techniques - such as making database queries from within a web page, tuning your website for optimal performance and deploying your website to production servers. Within these pages, you'll find tips for best practices and comprehensive discussions of key database and XML principles you need to know in order to be effective with ASP.NET. The book also fully explains the crucial coding techniques of object-orientation and code-behind on which your future as a successful ASP.NET developer relies.

This book teaches you all the essential knowledge required to learn and apply time-proven SOLID principles of object-oriented design and important design patterns in ASP.NET Core 1.0 (formerly ASP.NET 5) applications. You will learn to write server-side as well as client-side code that makes use of proven practices and patterns. SOLID is an acronym popularized by Robert Martin used to describe five basic principles of good object-oriented design--Single Responsibility, Open/Closed, Liskov Substitution, Interface Segregation and Dependency Inversion. This book covers all five principles and illustrates how they can be used in ASP.NET Core 1.0 applications. Design Patterns are time proven solutions to commonly occurring software design problems. The most well-known catalog of design patterns comes from Erich Gamma, Richard Helm, Ralph Johnson and John Vlissides, the so-called as GoF patterns (Gang of Four patterns). This book contains detailed descriptions of how to apply Creational, Structural and Behavioral GoF design patterns along with some Patterns of Enterprise Application Architecture. Popular JavaScript patterns are covered, along with working examples of all these patterns in ASP.NET Core 1.0 and C# are included. What You Will Learn: How to apply SOLID principles to ASP.NET applications How to use Gang of Four (GoF) design patterns in ASP.NET applications Techniques for applying Patterns of Enterprise Application Architecture cataloged by Martin Fowler in ASP.NET applications How to organize code and apply design patterns in JavaScript Who This Book Is For: This book is for ASP.NET developers familiar with ASP.NET Core 1.0, C# and Visual Studio.

To be a successful ASP.NET 4 developer, you need to know how to apply the vast

array of new functionality available in the latest release of the .NET 4 Framework and Visual Studio 2010. This book will immerse you in a variety of advanced topics, including architecting different application data tiers, memory caching paradigms, data mining, and search engine optimization. Working through step-by-step exercises using P/LINQ, DLR, MEF, MVC, IronPython, Axum, and Ajax, you will learn a variety of approaches to building each of the key application tiers common to all web solutions. Using a proven technique of illustrating advanced concepts with functional solutions, all topics in the book are modeled on a fully operational content management system (CMS), built from the ground up. This ensures that you'll be introduced to real-world examples that demonstrate the full functionality of the .NET 4 Framework for ASP.NET, and that you'll be able to apply your new skills to any web development situation. The complete guide to the productivity and performance enhancements in ASP.NET Beginning ASP.NET for Visual Studio 2015 is your ultimate guide to the latest upgrade of this historically popular framework. Fully updated to align with the vNext release, this new edition walks you through the new tools and features that make your workflow smoother and your applications stronger. You'll get up to speed on the productivity and performance improvements, and learn how Microsoft has committed itself to more continuous innovation by increasing its release cadence for all products and services going forward. Coverage includes Async-aware debugging, ADO.NET idle connection resiliency, managed return value inspection, ASP.NET app suspension, on-demand large object heap compaction, multi-core JIT and more. The news of an off-cycle update to ASP.NET came as a surprise, but its announcement garnered cheers at the 2014 Microsoft BUILD conference. This guide shows you what all the fuss is about, and how Microsoft overhauled the latest ASP.NET release. Get acquainted with the new developer productivity features Master the new tools that build better applications Discover what's new in Windows Store app development Learn how Microsoft fixed the issues that kept you from v5 Over 38 million websites are currently using ASP.NET, and the new upgrade is already leading to increased adoption. Programmers need to master v6 to remain relevant as web development moves forward. Beginning ASP.NET for Visual Studio 2015 walks you through the details, and shows you what you need to know so you can get up and running quickly.

Looks at the features of the ASP.NET MVC framework, covering such topics as the controllers, models, forms, Ajax, routing, NuGet, and unit testing.

This book will follow the proven pattern of its previous .NET 2.0 and .NET 1.1 editions, teaching novice users how to use ASP.NET by gradually building their knowledge of the technology up in a pyramidal fashion chapter by chapter. Comprehensively revised for both ASP.NET 3.5 and the new C# 3.0 language this book presents the easiest path to ASP.NET 3.5 mastery. This is one of the first books introducing novices to this important new technology area, and is written specifically in their coding language of preference. The book is written by a proven and award winning .NET author that has been following the technology release cycle since its inception.

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.

The most comprehensive book on Microsoft's new ASP.NET 4, ASP.NET 4 Unleashed covers all facets of ASP.NET development. Led by Microsoft ASP.NET program manager Stephen Walther, an expert author team thoroughly covers the entire platform. The authors first introduce the ASP.NET Framework's basic controls and show how to create common site-wide layouts and styles. Next, they cover all aspects of accessing, presenting, organizing, and editing data. You'll find thorough and practical sections on building custom components and controls, providing effective site navigation, securing sites and applications, and much more. This book presents hundreds of realistic code examples, reflecting the authors' unsurpassed experience with ASP.NET both inside and outside Microsoft. Build interactive Web Forms, validate form data, and upload files Provide interactive calendars, wizards, site maps, and other valuable features Design efficient, maintainable sites with Master Pages and Themes Build data-driven applications with database controls, ADO.NET data access components, QueryExtender, LINQ to SQL, and WCF Data Services Generate charts on the fly with the new Chart Control Extend ASP.NET with custom controls and reusable components Create site registration and authentication systems that store membership data in SQL Server or Active Directory Use URL Routing to build dynamism, flexibility, readability, and SEO-friendliness into your URLs Improve performance and scalability with caching and preloading Maintain state with cookies, cookieless session state, and profiles Localize, configure, package, and deploy ASP.NET applications Use the ASP.NET MVC Framework to improve agility, testability, speed to market, and extensibility Retrofit existing ASP.NET applications with Ajax and build pure client-side Ajax web applications Construct a complete ASP.NET 4 website from start to finish

Teach yourself the fundamentals of Web development with ASP.NET 4-one step at a time. With STEP BY STEP, you get the guidance and learn-by-doing examples you need to start building Web applications and Web services in the Microsoft Visual Studio(R) 2010 environment. The author-a highly regarded programming expert, writer, and instructor-illuminates ASP.NET features through practical examples that help developers quickly grasp concepts and apply techniques to the real world. The book also includes a companion CD with code samples, data sets, and a fully searchable eBook. For customers who purchase an ebook version of this title, instructions for downloading the CD files can be found in the ebook.

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.

Provides information and exercises on building rich Web sites with ASP.NET 4, covering such topics as adding features with built-in server controls, implementing jQuery and AJAX techniques, securing and personalizing a site, and working with development tools.

* Provides developers with the skills to build professional database-driven web sites using the latest ASP.NET 2.0 technologies. * ASP.NET developers looking to build DB-driven websites will find practical solutions, multiple ways to achieve success, and a handy case study to wrap up core content. * NET is used by millions of web developers and are looking for a comprehensive resource on 2.0 beta improvements.

Beginning ASP.NET 4.5 in C#Apress

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.

The most up-to-date and comprehensive introductory ASP.NET book you'll find on any shelf, *Beginning ASP.NET 4 in VB 2010* guides you through Microsoft's latest technology for building dynamic web sites. This book will enable you to build dynamic web pages on the fly, and assumes only the most basic knowledge of Visual Basic. The book provides exhaustive coverage of ASP.NET, guiding you from your first steps right up to the most advanced techniques, such as querying databases from within a web page and tuning your site for optimal performance. Within these pages, you'll find tips for best practices and comprehensive discussions of key database and XML principles you need to know in order to be effective with ASP.NET. The book also emphasizes the invaluable coding techniques of object orientation and code-behind, which will start you off on the track to building real-world web sites right from the beginning—rather than just faking it with simplified coding practices. By the time you've finished the book, you will have mastered the core techniques and have all the knowledge you need to begin work as a professional ASP.NET developer.

Beginning ASP.NET 4.5 Databases introduces you to the world of building data-driven Web sites using ASP.NET, ADO.NET and the Entity Framework using C#. Since ASP.NET developers need to access databases quickly and efficiently, this book teaches the best practices and methods to help developers achieve professional ASP.NET and database solutions. *Beginning ASP.NET 4.5 Databases* is a comprehensive introduction on how you can connect a Web site to many different data sources — not just databases — and use the data to create dynamic page content. It also shows you how to build a relational database, use SQL to communicate with it, and understand how they differ from each other. With in-depth, on-target coverage of the new data access features of .NET Framework 4.5, this book is your guide to using ASP.NET to build responsive, easy-to-update data-driven Web sites.

Read Online Beginning Asp Net 4 5 1 In C And Vb Wrox Programmer To Programmer

Build your ASP.NET 4.5.1 skills with real-world instruction In this comprehensive guide to getting started with ASP.NET 4.5.1, best-selling author Imar Spaanjaars provides a firm foundation for coders new to ASP.NET and key insights for those not yet familiar with the important updates in the 4.5.1 release. Readers learn how to build full-featured ASP.NET websites using Visual Studio Express 2013 for Web, Microsoft's free development tool for ASP.NET web applications. Beginning ASP.NET 4.5.1 guides you through the process of creating a fully functional, database-driven website, from creation of the most basic site structure all the way down to the successful deployment of the website to a production environment. Beginning ASP.NET 4.5.1: in C# and VB: Explains how to get started with ASP.NET 4.5.1, including an introduction to Microsoft's Visual Studio Express 2013 for Web Features helpful examples for designing websites with CSS and HTML and how to overcome common formatting problems Shares techniques for managing server controls in ASP.NET, including standard controls, HTML controls, and data controls Provides real-world tips for creating consistent page layouts throughout your websites Covers practical functionality issues like validating user input, sending e-mail from your website, and processing data at the server Details what the ASP.NET state engine is and why it is important Shows how to access and modify data in a SQL Server database Includes coverage of jQuery, LINQ, and the Entity Framework Explores measures to take for optimal security

[Copyright: a4ce13b78ed7ad122cb72b1c7d28c548](#)