

# Beginning Asp Net 4 In C 2010

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**Beginning ASP.NET 3.5** - Imar Spaanjaars  
2009-02-10

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

### **Beginning ASP.NET E-Commerce in C# -**

Karli Watson 2009-04-30

Teaching readers how to best use the free development tools offered by Microsoft to build an online product catalog, this guide offers an intimate understanding of every piece of code they write, enabling them to build their own flexible Web sites with ASP.NET 3.5.

### **Mastering Visual Studio .NET -**

Ian Griffiths 2003

A detailed handbook for experienced developers explains how to get the most out of Microsoft's Visual Studio .NET, offering helpful guidelines on how to use its integrated development environment, start-up templates, and other features and tools to create a variety of

applications, including Web services. Original.  
(Advanced)

**Programming Microsoft ASP.NET 2.0 Core Reference** - Dino Esposito 2006

Build your expertise as you move beyond the basics--and delve into the core topics of programming with ASP.NET 2.0. Useful to both experienced developers and those developing new skills, this ultimate reference is packed with expert guidance, hands-on programming instruction, and practical examples to help you advance your mastery of developing applications for the Web. Discover how to: Author rich, visually consistent pages and manage layout with themes and Master pages Create personalized pages that persist user preferences Retrieve, modify, and manage data with Microsoft ADO.NET Configure the HTTP pipeline to serve ASP.NET 2.0 pages Control program flow by tracing and handling exceptions Design caching layers and learn state management techniques to optimize application performance

Manage users with membership control, registration, and authentication capabilities Build real-world data access layers using common design patterns Use custom collections with data source controls Learn the internals of grid controls PLUS--Get code samples on the Web

*Murach's ASP.NET 4 Web Programming with C# 2010* - Anne Boehm 2011

If you know the basics of C#, you are ready to learn to develop web applications using ASP.NET . . . and that's where this book comes in: The first 5 chapters present a quick-start course that works both for beginners and for experienced web developers who are new to ASP.NET; Chapters 6-11 give you the skills you need for any web application in business . . . like how to work with server controls, validate data, manage state, and create a user-friendly web experience; Chapters 12-17 present the skills you need for database-driven web sites . . . the kind of web applications that businesses rely on

every day; Chapters 18-23 cover skills that enhance your professionalism . . . like how to ensure security in web operations, how to use ASP.NET AJAX, how to deploy web applications, and how to develop WCF services that can be hosted by a web server and accessed by applications running on any platform. To make it easier for you to master ASP.NET, you get complete web applications . . . including the web forms, the aspx code, and the C# code . . . that show you how each feature works in context. (You can download these for free from the Murach web site.) You get chapter exercises that let you practice your new skills. And you get Murach's distinctive "paired-pages" format that developers like because it saves both training and reference time.

**ASP.NET 4 24-Hour Trainer** - Toi B. Wright  
2010-07-06

This unique book-and-video package introduces ASP.NET 4 to programmers Microsoft ASP.NET allows you to build dynamically generated Web

pages from database content. Written by a well-known authority on ASP.NET, this book-and-DVD package is an ideal place to start learning about the capabilities of ASP.NET 4. Each lesson covers both the ASP.NET Web Forms Framework and the ASP.NET MVC 2 Framework and is designed to teach you the fundamentals of the topic before progressing to a step-by-step tutorial. An instructional video for each of the 48 tutorials is provided on the DVD that accompanies the book. Lessons include:

- Anatomy of an HTML Page Using Common HTML Tags
- Adding Style to an HTML Page
- State Management in ASP .NET 4
- Configuring Your Web Application
- Web Site Projects vs. Web Application Projects
- ASP.NET Web Forms Web Application
- ASP.NET MVC Web Application
- The Page Life Cycle in Web Forms
- The Request Life Cycle in MVC
- Server Controls in Web Forms
- HTML Helpers in MVC
- Master Pages
- Skins and Themes in Web Forms
- Partial Views in MVC
- Validation Controls in Web Forms
- Validation

Helpers in MVC Dynamic Data in Web Forms  
Display Templates in MVC Dynamic Data  
Templates in Web Forms Using the AJAX  
Extensions in Web Forms Using jQuery for Ajax  
in Web Forms Authentication ASP.NET 4 24-  
Hour Trainer is an exceptional book-and-video  
package ideal for everyone from beginners to  
more advanced developers.

*Murach's ASP. NET 4. 6 Web Programming with  
C# 2015 - Anne Boehm 2016-07*

If you know the basics of C#, you're ready to  
learn to develop server-side web applications  
with ASP.NET Web Forms—and that's where this  
book comes in: Section 1 is a quick-start  
course in creating your first ASP.NET Web  
Forms applications using Visual Studio, with  
coverage of what HTML5/CSS3 and Bootstrap  
are doing on the client side—a course that works  
both for beginners and for experienced web  
developers who are new to ASP.NET Section 2  
gives you the skills you need for every web  
application—like how to use the server controls,

validate user entries, manage state, use master  
pages, make ASP.NET work with Bootstrap for  
responsive layouts, and use friendly URLs  
Section 3 presents the skills you need for  
developing database-driven web applications at  
a professional level—including how to use SQL  
data sources, object data sources, and model  
binding and the Entity Framework with  
ASP.NET data controls like GridView,  
DetailsView, FormView, and ListView Section  
4 covers skills that enhance your  
professionalism—like how to develop secure web  
pages, authenticate users with ASP.NET  
Identity, send email, control the use of the Back  
button, and deploy finished applications  
Section 5 takes you to the next level by  
showing you how to use ASP.NET Ajax, how to  
develop WCF and Web API services, and how  
ASP.NET MVC programming differs from Web  
Forms programming To make it easier for you to  
master ASP.NET, you get complete web  
applications—including the web forms, the aspx

code, and the C# code that show you how each feature works in context. (You can download these for free from the Murach website.) You get chapter exercises that let you practice your new skills. And you get Murach's distinctive "paired-pages" format that developers like because it saves both training and reference time.

Build Your Own ASP.NET 4 Web Site Using C# and VB - Cristian Darie 2011

Provides explanations and code samples for C# and VB to build a website with ASP.NET 4.

*Murach's ASP.NET 2.0 Web Programming with C# 2005* - Joel Murach 2006

Learn to master all the skills using ASP.NET's powerful features and to handle databases like a pro. The first chapters get off to a fast start with instruction on building multi-page applications. This book is designed for C# developers who want to learn how to develop professional web applications with Microsoft's ASP.NET 2.0.

**Programming ASP.NET MVC 4** - Jess Chadwick 2012-09-26

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

**.NET 4 Wrox eBook Bundle** - Bill Evjen 2010-10-26

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. 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. 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. 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 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. 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.

*Beginning ASP.NET 4 in C# 2010* - Matthew

MacDonald 2010-09-19

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.

**Beginning ASP.NET Security** - Barry Dorrans  
2010-04-27

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.

*Beginning ASP.NET 2.0* - Chris Hart 2005-11-08  
This updated bestseller gets readers involved immediately with task-oriented examples that can help them build their own sites Each chapter is designed to complete a part of the sample Web site, introducing technology topics as required Makes extensive use of Microsoft's new visual ASP.NET development tool, showing readers how to save time and write less code to achieve more results faster The book provides examples in Visual Basic - the easiest language

for beginning ASP.NET developers to learn *Beginning ASP.NET 4 in VB 2010* - Matthew MacDonald 2010-12-31

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.

**Programming Microsoft ASP.NET 4** - Dino Esposito 2011-02-15

Completely reengineered for ASP.NET 4—this definitive guide deftly illuminates the core architecture and programming features of ASP.NET 4 in a single, pragmatic volume. Web development expert Dino Esposito provides essential, architectural-level guidance, along with the in-depth technical insights designed to take you—and your solutions—to the next level. The book covers Dynamic Data, AJAX, Microsoft Silverlight, ASP.NET MVC, Web forms, LINQ, and security strategies—and features extensive code samples in Microsoft Visual C#(R) 2010. *Programming Entity Framework* - Julia Lerman

2011-11-25

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.

**Professional Visual Basic 2010 and .NET 4** - Bill Sheldon 2010-07-15

Intermediate and advanced coverage of Visual Basic 2010 and .NET 4 for professional developers If you've already covered the basics and want to dive deep into VB and .NET topics that professional programmers use most, this is your book. You'll find a quick review of introductory topics-always helpful-before the author team of experts moves you quickly into such topics as data access with ADO.NET, Language Integrated Query (LINQ), security, ASP.NET web programming with Visual Basic,

Windows workflow, threading, and more. You'll explore all the new features of Visual Basic 2010 as well as all the essential functions that you need, including .NET features such as LINQ to SQL, LINQ to XML, WCF, and more. Plus, you'll examine exception handling and debugging, Visual Studio features, and ASP.NET web programming. Expert author team helps you master the tools and techniques you need most for professional programming Reviews why Visual Basic 2010 will be synonymous with writing code in Visual Studio 2010 Focuses on .NET features such as LINQ, LINQ to SQL, LINQ to XML, WPF, workflow, and more Discusses exception handling and debugging, data access with ADO.NET, Visual Studio features for Visual Basic developers, Windows programming with Windows Forms, ASP.NET web programming with VB, communication interfaces, Windows workflow, and threading This Wrox guide presents you with updated coverage on topics you need to know now.

## **ASP.NET Core Application Development -**

James Chambers 2016-11-29

This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. Through four complete sprints, this book takes you through every step needed to build brand new cross-platform web apps with ASP.NET Core, and make them available on the Internet. You won't just master Microsoft's revolutionary open source ASP.NET Core technology: you'll learn how to integrate the immense power of MVC, Docker, Azure Web Apps, Visual Studio and Visual Studio Code, C#, JavaScript, TypeScript, and Entity Framework. Working through the authors' carefully designed sprints, you'll start with a blank canvas, move through software architecture and design, adjusting to user feedback, recovering from mistakes, builds, testing, deployment, maintenance, refactoring, and more. Along the way, you'll learn techniques for delivering state-

of-the-art software to users more rapidly and repeatably than ever before.

*Pro ASP.NET 4 CMS* - Alan Harris 2010

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.

**Pro ASP.NET 4 in VB 2010** - Matthew MacDonald 2011-01-22

ASP.NET 4 is the principal standard for creating dynamic web pages on the Windows platform.

Pro ASP.NET 4 in VB 2010 raises the bar for high-quality, practical advice on learning and deploying Microsoft's dynamic web solution.

This edition is updated with everything you need to come to grips with version 4 of ASP.NET, including coverage of ASP.NET MVC, ASP.NET AJAX 4, ASP.NET Dynamic Data, and Silverlight 3. Seasoned .NET professionals Matthew MacDonald and Mario Szpuszta explain how you can get the most from these groundbreaking new technologies. They cover ASP.NET 4 as a whole, illustrating both the brand-new features and the functionality carried over from previous versions of ASP. This book will give you the

knowledge you need to code real ASP.NET 4 applications in the best possible style.

Professional ASP.NET 4 in C# and VB - Bill Evjen 2010-03-08

This book was written to introduce you to the features and capabilities that ASP.NET 4 offers, as well as to give you an explanation of the foundation that ASP.NET provides. We assume you have a general understanding of Web technologies, such as previous versions of ASP.NET, Active Server Pages 2.0/3.0, or JavaServer Pages. If you understand the basics of Web programming, you should not have much trouble following along with this book's content. If you are brand new to ASP.NET, be sure to check out *Beginning ASP.NET 4: In C# and VB* by Imar Spaanjaars (Wiley Publishing, Inc., 2010) to help you understand the basics. In addition to working with Web technologies, we also assume that you understand basic programming constructs, such as variables, For Each loops, and object-oriented programming.

You may also be wondering whether this book is for the Visual Basic developer or the C# developer. We are happy to say that it is for both! When the code differs substantially, this book provides examples in both VB and C#. This book explores the 4 release of ASP.NET. It covers each major new feature included in ASP.NET 4 in detail. The following list tells you something about the content of each chapter. Chapter 1, "Application and Page Frameworks." The first chapter covers the frameworks of ASP.NET applications as well as the structure and frameworks provided for single ASP.NET pages. This chapter shows you how to build ASP.NET applications using IIS or the built-in Web server that comes with Visual Studio 2010. This chapter also shows you the folders and files that are part of ASP.NET. It discusses ways to compile code and shows you how to perform cross-page posting. This chapter ends by showing you easy ways to deal with your classes from within Visual Studio 2010. Chapters 2, 3,

and 4. These three chapters are grouped together because they all deal with server controls. This batch of chapters starts by examining the idea of the server control and its pivotal role in ASP.NET development. In addition to looking at the server control framework, these chapters delve into the plethora of server controls that are at your disposal for ASP.NET development projects. Chapter 2, "ASP.NET Server Controls and Client-Side Scripts," looks at the basics of working with server controls. Chapter 3, "ASP.NET Web Server Controls," covers the controls that have been part of the ASP.NET technology since its initial release and the controls that have been added in each of the ASP.NET releases. Chapter 4, "Validation Server Controls," describes a special group of server controls: those for validation. Chapter 5, "Working with Master Pages." Master pages provide a means of creating templated pages that enable you to work with the entire application, as opposed to single pages. This

chapter examines the creation of these templates and how to apply them to your content pages throughout an ASP.NET application. Chapter 6, "Themes and Skins." The Cascading Style Sheet files you are allowed to use in ASP.NET 1.0/1.1 are simply not adequate in many regards, especially in the area of server controls. This chapter looks at how to deal with the styles that your applications require and shows you how to create a centrally managed look-and-feel for all the pages of your application by using themes and the skin files that are part of a theme. Chapter 7, "Data Binding." One of the more important tasks of ASP.NET is presenting data, and this chapter looks at the underlying capabilities that enable you to work with the data programmatically before issuing the data to a control. Chapter 8, "Data Management with ADO.NET." This chapter presents the ADO.NET data model provided by ASP.NET, which allows you to handle the retrieval, updating, and deleting of data quickly

and logically. Chapter 9, "Querying with LINQ." The .NET Framework 4 includes a nice access model language called LINQ. LINQ is a set of extensions to the .NET Framework that encompass language-integrated query, set, and transform operations. This chapter introduces you to LINQ and how to effectively use this feature in your Web applications today. Chapter 10, "Working with XML and LINQ to XML." The .NET Framework and ASP.NET 4 have many capabilities built into their frameworks that enable you to easily extract, create, manipulate, and store XML. This chapter takes a close look at the XML technologies built into ASP.NET and the underlying .NET Framework. Chapter 11, "Introduction to the Provider Model." The provider model is built into ASP.NET to make the lives of developers so much easier and more productive than ever before. This chapter gives an overview of this provider model and how it is used throughout ASP.NET 4. Chapter 12, "Extending the Provider Model." After an

introduction of the provider model, this chapter looks at some of the ways to extend the provider model found in ASP.NET 4. This chapter also reviews a couple of sample extensions to the provider model. Chapter 13, “Site Navigation.” Most developers do not simply develop single pages—they build applications. One of the application capabilities provided by ASP.NET 4 is the site navigation system covered in this chapter. Chapter 14, “Personalization.” Developers are always looking for ways to store information pertinent to the end user. After it is stored, this personalization data has to be persisted for future visits or for grabbing other pages within the same application. The ASP.NET team developed a way to store this information—the ASP.NET personalization system. The great thing about this system is that you configure the entire behavior of the system from the web.config file. Chapter 15, “Membership and Role Management.” This chapter covers the membership and role

management system developed to simplify adding authentication and authorization to your ASP.NET applications. This chapter focuses on using the web.config file for controlling how these systems are applied, as well as on the server controls that work with the underlying systems. Chapter 16, “Portal Frameworks and Web Parts.” This chapter explains Web Parts—a way of encapsulating pages into smaller and more manageable objects. Chapter 17, “HTML and CSS Design with ASP.NET.” Visual Studio 2010 places a lot of focus on building a CSS-based Web. This chapter takes a close look at how you can effectively work with HTML and CSS design for your ASP.NET applications. Chapter 18, “ASP.NET AJAX.” AJAX is an acronym for Asynchronous JavaScript and XML. In Web application development, it signifies the capability to build applications that make use of the XMLHttpRequest object. Visual Studio 2010 contains the ability to build AJAX-enabled ASP.NET applications from the default install of

the IDE. This chapter takes a look at this way to build your applications. Chapter 19, "ASP.NET AJAX Control Toolkit." Along with the capabilities to build ASP.NET applications that make use of the AJAX technology, a series of controls is available to make the task rather simple. This chapter takes a good look at the ASP.NET AJAX Control Toolkit and how to use this toolkit with your applications today. Chapter 20, "Security." This chapter discusses security beyond the membership and role management features provided by ASP.NET 4. This chapter provides an in-depth look at the authentication and authorization mechanics inherent in the ASP.NET technology, as well as HTTP access types and impersonations. Chapter 21, "State Management." Because ASP.NET is a request-response-based technology, state management and the performance of requests and responses take on significant importance. This chapter introduces these two separate but important areas of ASP.NET development. Chapter 22,

"Caching." Because of the request-response nature of ASP.NET, caching (storing previous generated results, images, and pages) on the server becomes rather important to the performance of your ASP.NET applications. This chapter looks at some of the advanced caching capabilities provided by ASP.NET, including the SQL cache invalidation feature which is part of ASP.NET 4. This chapter also takes a look at object caching and object caching extensibility. Chapter 23, "Debugging and Error Handling." This chapter tells you how to properly structure error handling within your applications. It also shows you how to use various debugging techniques to find errors that your applications might contain. Chapter 24, "File I/O and Streams." This chapter takes a close look at working with various file types and streams that might come into your ASP.NET applications. Chapter 25, "User and Server Controls." Not only can you use the plethora of server controls that come with ASP.NET, but you can also use the

same framework these controls use and build your own. This chapter describes building your own server controls and how to use them within your applications. Chapter 26, "Modules and Handlers." This chapter looks at two methods of manipulating the way ASP.NET processes HTTP requests: `HttpModule` and `HttpHandler`. Each method provides a unique level of access to the underlying processing of ASP.NET, and each can be a powerful tool for creating Web applications. Chapter 27, "ASP.NET MVC." ASP.NET MVC is the latest major addition to ASP.NET and has generated a lot of excitement from the development community. ASP.NET MVC supplies you with the means to create ASP.NET using the Model-View-Controller models that many developers expect. ASP.NET MVC provides developers with the testability, flexibility, and maintainability in the applications they build. It is important to remember that ASP.NET MVC is not meant to be a replacement to the ASP.NET everyone knows and loves, but

instead is simply a different way to construct your applications. Chapter 28, "Using Business Objects." Invariably, you are going to have components created with previous technologies that you do not want to rebuild but that you do want to integrate into new ASP.NET applications. If this is the case, the .NET Framework makes incorporating your previous COM components into your applications fairly simple and straightforward. This chapter also shows you how to build .NET components instead of turning to the previous COM component architecture. Chapter 29, "ADO.NET Entity Framework." The inclusion of the ADO.NET Entity Framework in ASP.NET makes mapping objects from the database to the objects within your code significantly simpler. Using Visual Studio 2010, you are able to visually design your entity data models and then very easily access these models from code allowing the ADO.NET Entity Framework to handle the connections and transactions to the

underlying database. Chapter 30, "ASP.NET Dynamic Data." This feature in ASP.NET 4 allows you to quickly and easily put together a reporting and data entry application from your database. You are also able to take these same capabilities and incorporate them into a pre-existing application. Chapter 31, "Working with Services." This chapter reveals the ease not only of building XML Web services, but consuming them in an ASP.NET application. This chapter then ventures further by describing how to build XML Web services that utilize SOAP headers and how to consume this particular type of service. Another feature in ASP.NET, ADO.NET Data Services, allows you to create a RESTful service layer using an Entity Data Model. Using this capability, you can quickly set up a service layer that allows you to expose your content as AtomPub or JSON, which will allow the consumer to completely interact with the underlying database. Chapter 32, "Building Global Applications." ASP.NET provides an

outstanding way to address the internationalization of Web applications. Changes to the API, the addition of capabilities to the server controls, and even Visual Studio itself equip you to do the extra work required to more easily bring your application to an international audience. This chapter looks at some of the important items to consider when building your Web applications for the world. Chapter 33, "Configuration." This chapter teaches you to modify the capabilities and behaviors of ASP.NET using the various configuration files at your disposal. Chapter 34, "Instrumentation." ASP.NET gives you greater capability to apply instrumentation techniques to your applications. The ASP.NET Framework includes performance counters, the capability to work with the Windows Event Tracing system, possibilities for application tracing (covered in Chapter 23 of this book), and the most exciting part of this discussion—a health monitoring system that allows you to log a number of

different events over an application's lifetime. This chapter takes an in-depth look at this health monitoring system. Chapter 35, "Administration and Management." This chapter provides an overview of the GUI tools that come with ASP.NET today that enable you to manage your Web applications easily and effectively. Chapter 36, "Packaging and Deploying ASP.NET Applications." So you have built an ASP.NET application—now what? This chapter takes the building process one step further and shows you how to package your ASP.NET applications for easy deployment. Many options are available for working with the installers and compilation model to change what you are actually giving your customers. Appendix A, "Migrating Older ASP.NET Projects." This appendix focuses on migrating ASP.NET 1.x, 2.0, or 3.5 applications to the 4 Framework. Appendix B, "ASP.NET Ultimate Tools." Based on Scott Hanselman's annual Tools pick blog posting, many of the tools here will expedite your development process

and, in many cases, make you a better developer. Appendix C, "Silverlight 3 and ASP.NET." Silverlight is a means to build fluid applications using XAML. This technology enables developers with really rich vector-based applications. Appendix D, "Dynamic Types and Languages." As of the release of ASP.NET 4, you can now build your Web applications using IronRuby and IronPython. This appendix takes a quick look at using dynamic languages in building your Web applications. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file. *Pro ASP.NET 4 in C# 2010* - Matthew MacDonald 2010-11-08 ASP.NET 4 is the principal standard for creating dynamic web pages on the Windows platform. *Pro ASP.NET 4 in C# 2010* raises the bar for high-quality, practical advice on learning and deploying Microsoft's dynamic web solution. This edition is updated with everything you need to master up to version 4 of ASP.NET, including

coverage of ASP.NET MVC, ASP.NET AJAX 4, ASP.NET Dynamic Data, and Silverlight 3. Seasoned .NET professionals Matthew MacDonald and Mario Szpuszta explain how you can get the most from these groundbreaking technologies. They cover ASP.NET 4 as a whole, illustrating both the newer features and the functionality carried over from previous versions of ASP. This book will give you the knowledge you need to code real ASP.NET 4 applications in the best possible style.

ASP.NET 4.0 Programming - Joydip Kanjilal  
2008-12-15

The new features in ASP.NET 3.5 make it easier than ever to build standards-based, next-generation websites Foreword by Scott Barnes, Microsoft Corporation Author frequently speaks at industry conferences

**Visual Studio 2010 and .NET 4 Six-in-One** - István Novák 2010-10-01

Complete coverage of all key .NET 4 and Visual Studio 2010 languages and technologies .NET 4

is Microsoft's latest version of their core programming platform, and Visual Studio 2010 is the toolset that helps write .NET 4 applications. This comprehensive resource offers one-stop shopping for all you need to know to get productive with .NET 4. Experienced author and .NET guru Mitchel Sellers reviews all the important new features of .NET 4, including .NET charting and ASP.NET charting, ASP.NET dynamic data and jQuery, and the addition of F# as a supported package language. The expansive coverage is divided into six distinctive parts for easy navigation, and addresses: Visual Studio 2010, .NET 4, ASP.NET, the C# language, the VB.NET language, and the new F# language. A practical approach and complete examples round out this much-needed reference. Focuses on the new and important features of the latest version Microsoft's core programming platform-.NET 4-as well as Visual Studio 2010, which allows you to write .NET 4 applications Provides comprehensive coverage divided into six parts:

Visual Studio 2010, .NET 4, ASP.NET, the C# language, the VB.NET language, and the new F# language Discusses Visual Studio snippets and templates, .NET charting components, the .NET framework and WPF, LINQ, and the Entity framework Explores various aspects of Visual Basic 2010, such as multi-line lambdas, auto-implemented properties, nullable optional parameters, and more This investigative look at .NET 4 and Visual Studio 2010 will help you identify and isolate key elements that can benefit you immediately.

**Professional ASP.NET 3.5** - Bill Evjen  
2011-01-11

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.

*Microsoft ASP.NET 4 Step by Step* - George Shepherd 2010-05-15

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.

[Beginning ASP.NET 4.5 in C#](#) - Matthew MacDonald 2012-10-24

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.

*Beginning ASP.NET for Visual Studio 2015* - William Penberthy 2016-01-19

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.

**Professional ASP.NET MVC 1.0** - Rob Conery  
2009-07-01

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. [Beginning ASP.NET Web Pages with WebMatrix](#) - Mike Brind 2011-10-25

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 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.

### **C# 9 and .NET 5 - Modern Cross-Platform Development** - Mark J. Price 2020-11-10

Publisher's Note: Microsoft will stop supporting .NET 5 in early May 2022. A new edition of this book is available that uses .NET 6 (an LTS release with support up until November 2024), C# 10, and Visual Studio 2022, as well as Visual Studio Code. Key Features • Explore the newest additions to C# 9, the .NET 5 class library, Entity Framework Core and Blazor • Strengthen your command of ASP.NET Core 5.0 and create professional websites and services • Build cross-platform apps for Windows, macOS, Linux, iOS, and Android Book Description In C# 9 and .NET 5 - Modern Cross-Platform Development, Fifth

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

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

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

Who this book

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

Table of Contents

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

Review "Mark Price's extraordinary book covers every aspect of C# 9 and .NET 5. It

is filled with step-by-step demonstrations and will be of tremendous value both to those who want to learn C# and to more experienced C# programmers making the transition to C# 9. Highly recommended!" -- Jesse Liberty - author of Programming C# and Learning C# (O'Reilly Media)

*C# 4, ASP.NET 4, and WPF, with Visual Studio 2010 Jump Start* - Christian Nagel 2010-04-06

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

**Beginning ASP.NET 4** - Imar Spaanjaars  
2010-07-23

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.

**Programming ASP.NET** - Jesse Liberty 2002  
Discusses how to use ASP in the .NET framework, events, controls, control details, Web forms, tracing and debugging, validation, data binding, ADO, Web services, and security.  
*Beginning ASP.NET 4.5.1: in C# and VB* - Imar Spaanjaars 2014-03-06

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. *ASP.NET 4 Unleashed, Portable Documents* - Stephen Walther 2010-10-12. 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

**Pro ASP.NET MVC 4** - Adam Freeman  
2013-01-29

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.

*Fundamentals of Computer Programming with C#* - Svetlin Nakov 2013-09-01

The free book "Fundamentals of Computer Programming with C#" is a comprehensive computer programming tutorial that teaches programming, logical thinking, data structures and algorithms, problem solving and high quality code with lots of examples in C#. It starts with the first steps in programming and software development like variables, data types, conditional statements, loops and arrays and continues with other basic topics like methods, numeral systems, strings and string processing, exceptions, classes and objects. After the basics this fundamental programming book enters into

more advanced programming topics like recursion, data structures (lists, trees, hash-tables and graphs), high-quality code, unit testing and refactoring, object-oriented principles (inheritance, abstraction, encapsulation and polymorphism) and their implementation the C# language. It also covers fundamental topics that each good developer should know like algorithm design, complexity of algorithms and problem solving. The book uses C# language and Visual Studio to illustrate the programming concepts and explains some C# / .NET specific technologies like lambda expressions, extension methods and LINQ. The book is written by a team of developers lead by Svetlin Nakov who has 20+ years practical software development experience. It teaches the major programming concepts and way of thinking needed to become a good software engineer and the C# language in the meantime. It is a great start for anyone who wants to become a skillful software engineer. The books

does not teach technologies like databases, mobile and web development, but shows the true way to master the basics of programming regardless of the languages, technologies and tools. It is good for beginners and intermediate developers who want to put a solid base for a successful career in the software engineering industry. The book is accompanied by free video lessons, presentation slides and mind maps, as well as hundreds of exercises and live examples. Download the free C# programming book, videos, presentations and other resources from <http://introprogramming.info>. Title: Fundamentals of Computer Programming with C# (The Bulgarian C# Programming Book) ISBN: 9789544007737 ISBN-13: 978-954-400-773-7 (9789544007737) ISBN-10: 954-400-773-3 (9544007733) Author: Svetlin Nakov & Co. Pages: 1132 Language: English Published: Sofia, 2013 Publisher: Faber Publishing, Bulgaria Web site: <http://www.introprogramming.info> License: CC-

Attribution-Share-Alike Tags: free, programming, book, computer programming, programming fundamentals, ebook, book programming, C#, CSharp, C# book, tutorial, C# tutorial; programming concepts, programming fundamentals, compiler, Visual Studio, .NET, .NET Framework, data types, variables, expressions, statements, console, conditional statements, control-flow logic, loops, arrays, numeral systems, methods, strings, text processing, StringBuilder, exceptions, exception handling, stack trace, streams, files, text files, linear data structures, list, linked list, stack, queue, tree, balanced tree, graph, depth-first search, DFS, breadth-first search, BFS, dictionaries, hash tables, associative arrays, sets, algorithms, sorting algorithm, searching algorithms, recursion, combinatorial algorithms, algorithm complexity, OOP, object-oriented programming, classes, objects, constructors, fields, properties, static members, abstraction, interfaces, encapsulation, inheritance, virtual

methods, polymorphism, cohesion, coupling, enumerations, generics, namespaces, UML, design patterns, extension methods, anonymous types, lambda expressions, LINQ, code quality, high-quality code, high-quality classes, high-quality methods, code formatting, self-documenting code, code refactoring, problem solving, problem solving methodology, 9789544007737, 9544007733

### **Beginning ASP.NET 3.5 in C# 2008 -**

Matthew MacDonald 2008-02-26

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.