

## Asp Net Programming With C Sql Server Web Technologies

*A programmer's complete guide to Visual Basic .NET. Starting with a sample application and a high-level map, the book jumps right into showing how the parts of .NET fit with Visual Basic .NET. Topics include the common language runtime, Windows Forms, ASP.NET, Web Forms, Web Services, and ADO.NET.*

*Programming Languages for MIS: Concepts and Practice supplies a synopsis of the major computer programming languages, including C++, HTML, JavaScript, CSS, VB.NET, C#.NET, ASP.NET, PHP (with MySQL), XML (with XSLT, DTD, and XML Schema), and SQL. Ideal for undergraduate students in IS and IT programs, this textbook and its previous versions have been used in the authors' classes for the past 15 years. Focused on web application development, the book considers client-side computing, server-side computing, and database applications. It emphasizes programming techniques, including structured programming, object-oriented programming, client-side programming, server-side programming, and graphical user interface. Introduces the basics of computer languages along with the key characteristics of all procedural computer languages Covers C++ and the fundamental concepts of the two programming paradigms: function-oriented and object-oriented Considers HTML, JavaScript, and CSS for web page development Presents VB.NET for graphical user interface development Introduces PHP, a popular open source programming language, and explains the use of the MySQL database in PHP Discusses XML and its companion languages, including XSTL, DTD, and XML Schema With this book, students learn the concepts shared by all computer languages as well as the unique features of each language. This self-contained text includes exercise questions, project requirements, report formats, and operational manuals of programming environments. A test bank and answers to exercise questions are also available upon qualified course adoption. This book supplies professors with the opportunity to structure a course consisting of two distinct modules: the teaching module and the project module. The teaching module supplies an overview of representative computer languages. The project module provides students with the opportunity to gain hands-on experience with the various computer languages through projects.*

*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 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*

*From bestselling author Liberty comes an entry-level book that presents this young programming language and the basics of object-oriented .NET programming.*

*ASP.NET Cookbook*

*Training and Reference*

*Hands-On Network Programming with C# and .NET Core*

*Object-oriented Programming with Visual Basic .NET*

*Programming ASP.NET Core, Programming ASP.NET Core*

*In C# and VB*

**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.**

**Completely revised, this edition is an essential guide for VB programmers looking to make the change to the .NET programming environment.**

**Introduce your students to a new generation of Shelly Cashman Series books! For the past three decades, the Shelly Cashman Series has effectively introduced computer skills to millions of students. With *HTML: Comprehensive Concepts and Techniques, Fifth Edition*, we're continuing our history of innovation by enhancing our proven pedagogy to reflect the learning styles of today's students. Within this text you will find features that are specifically designed to engage students, improve retention, and prepare them for future success. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.**

**\*The most up-to-date ASP.NET book on the market, written against mature code. Fully based on ASP.NET 1.1, uses the latest version of ADO.NET, and "looks forward" to the ASP.NET 2.0 release. \*Absolutely comprehensive, covering everything from basic ASP.NET syntax to performance tuning and security techniques. Includes everything to start creating professional ASP.NET websites. \*Written with reader's aspirations in mind. Emphasizes industry-standard-object-orientation for good coding habits. Readers will 'graduate' to Apress 'Pro' series books.**

*Learn Professional Programming in .Net Using C#, Visual Basic, and Asp.Net*

*Beginning ASP.NET Databases Using VB.NET*

*Murach's ASP. NET 4. 6 Web Programming with C# 2015*

*ASP .NET Programming with C# & SQL Server*

*Tutorial, Reference, and Immediate Solutions*

*NET Programming*

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.

ASP.Net Web Developer's Guide provides information to make use of Microsoft's newest Web development platform. ASP.NET is a revolutionary programming framework that enables the rapid development of powerful web applications and services. Part of the emerging Microsoft .NET Platform, it provides the easiest and most scalable way to build, deploy and run distributed web applications that can target any browser or device. ASP.NET (formerly referred to as ASP+) is more than the next version of Active Server Pages (ASP); it is a unified Web development platform that provides the services necessary for developers to build enterprise-class Web applications. ASP .net Web Developer's Guide assists Web developers to quickly and easily build solutions for the Microsoft .NET platform. Programmers who are expert in asp and other languages will find this book invaluable. This book will appeal to all web developers - regardless of what language they are using or what platform they will be using. Comprehensive Coverage of the Entire .net Framework for B2B commerce.

Learn how to create the basic, dynamic, and advanced ASP.NET pages in C# Packed with tips, tricks, and workarounds, this book covers every aspect of developing a Web application for the enterprise using ASP.NET and C#. Written by Microsoft insiders, it shows readers how to create the basic, dynamic, and advanced ASP.NET pages in Microsoft's new C# programming language, and explains how to interact with the database using ADO.NET. The authors review how to transport and display data on the Internet or an Intranet using XML, objects, and Web services. They also explain how to implement security with authentication, integrate important e-commerce issues, and optimize the ASP.NET Web application for optimal performance. Companion Web site features complete source code samples for the applications developed and explained in the book. Microsoft Technologies .NET Platform: The next big overhaul to Microsoft's technologies that will bring enterprise distributed computing to the next level by fully integrating the Internet into the development platform. This will allow interaction between any machine, on any platform, and on any device. Visual Basic.NET: The update to this popular visual programming language will offer greater Web functionality, more sophisticated object-oriented language features, links to Microsoft's new common runtime, and a new interface. ASP.NET: A programming framework (formerly known as Active Server Pages) for building powerful Web-based enterprise applications; can be programmed using VB.NET or C#. C#: Microsoft's new truly object-oriented programming language that builds on the strengths of C++ and the ease of Visual Basic; promises to give Sun's Java a run for its money. 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 1.1 in C#**

**Beginning Visual Web Programming in C#**

**Pro ASP.NET 1.1 in C#**

**ASP.NET Programming in 21/2 DAYS**

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

**Murach's ASP.NET 4 Web Programming with C# 2010**

*Tapadiya takes a straightforward, hands-on approach to explain everything readers need to know from development to deployment and maintenance for this platform--all from a developer's perspective. Using C# as the primary language, and with plenty of code examples throughout, this book is an excellent way to learn.*

*This book covers the basic programming fundamentals, professional programming logics and deep concepts of programming in .NET such as the flow control statements in C# and Visual Basic, the basic programming techniques, procedures and procedural programming concepts, arrays, structures, delegates, Lambda Expression, Errors and Exceptions handling in .NET, Windows applications development, Console applications development, Object Oriented programming, the study of different Namespaces, Files and Streams handling in C# and Visual Basic programming languages, Introduction to Database and Database Management System, Database Programming, LINQ in .NET, Collections in .NET, Web Technologies in .NET, ASP.NET, the basic requirements of ASP.NET, Websites and Web applications development, MVC Web application development, Web Services, Web APIs. This book covered the above-mentioned topics in details in a very simple way. It also contains various advanced logical programs. Each topic in this book is explained with suitable programming examples. The programs in this book are error free and fully tested*

and executed using Microsoft Visual Studio.NET 2015 Enterprise Edition. This book provides deep programming techniques and knowledge from beginning level to the higher level and it is efficient for all those students, teachers, and researchers who want to get professional programming logics and become professional programmers.

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.

Professional C# 2005 prepares you to program in C#, and it provides the necessary background information on how the .NET architecture works. It provides examples of applications that use a variety of related technologies, including database access, dynamic web pages, advanced graphics, and directory access. The only requirement is that you are familiar with at least one other high-level language used on Windows—either C++, VB, or J++. It starts with a tutorial on C# and the .NET framework. This introduction assumes no prior knowledge of .NET, but it does move rapidly, on the assumption that the reader is an experienced programmer. Once this background knowledge is established, the book starts to sweep through the vast .NET class library, showing how you can use C# to solve various tasks. This comprehensive coverage is one of the key selling points of previous versions of the book, and is maintained and enhanced with this new edition by adding new chapters on Generics, ObjectSpaces, Yukon, and Indigo. Some reference material is included either as appendices or is available to download from the Wrox website. After the introduction and initial chapter, the book is divided into a number of sections that cover both the C# language and its application in a variety of areas. Coverage includes: Writing Windows applications and Windows services Writing web pages and web services with ASP.NET Manipulating XML using C# 2005 Understanding .NET Assemblies Using ADO.NET to access databases Integration with COM, COM+, and Active Directory Distributed applications with .NET Remoting Generating graphics using C# 2005 Accessing files and the Registry, and controlling .NET security

Programming the Web with Visual Basic .NET

Programming Languages for MIS

Developing native macOS GUI software with C#

Professional ASP.NET 1.0

From Professional to Expert

Building Web Applications and Services with ASP.NET 2.0

**Packed with C++ code examples and screen shots, .NET Programming with Visual C++ explains the .NET framework and managed extensions to C++, and provides a complete reference to the basic and advanced types contained in .NET Framework System namesp**

**After reading Programming the Web with Visual Basic .NET, developers will understand how to build and deploy top quality, professionally designed, highly usable Web applications using Visual Basic .NET.**

**ASP.NET Programming with C# and SQL Server, International Edition covers the basics of ASP.NET, C#, and SQL Server along with advanced topics including object-oriented programming and how to build Web sites that incorporate authentication and security. After completing this text, you will be able to use ASP.NET to build professional quality, database-driven Web sites.**

**With in-depth coverage of Microsoft's powerful new Visual C++.NET and the broader .NET environment, this book has practical introductions to .NET Framework and CLR, ADO.NET database access, security, interoperability, ATL Server and Web Services, and more.**

**macOS desktop apps programming with .NET Core 3.1 and Visual Studio for Mac**

**A Practical Guide Using C#**

**Professional ASP.NET 3.5**

**Fundamentals of Computer Programming with C#**

**Programming ASP.NET**

**Microsoft ASP.NET Programming with Microsoft Visual C# .NET Version 2003 Step by Step**

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.

This book is a step-by-step, practical tutorial with a simple approach to help you build RESTful web applications and services on the .NET framework quickly and efficiently. This book is for ASP.NET web developers who want to explore REST-based services with C# 5. This book contains many real-world code examples with explanations whenever necessary. Some experience with C# and ASP.NET 4 is expected.

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.

"Updated for ASP.NET 2.0, C# 2.0, and Visual Studio 2005"--Cover.

Concepts and Practice

ASP.NET Web API

Developing Real-World Web Applications with ASP.NET MVC

From Novice to Professional

Programming ASP. NET Core

Beginning ASP.NET 4.5 in C#

ASP .NET PROGRAMMING WITH C# AND SQL SERVER covers the basics of ASP.NET, C#, and SQL Server along with advanced topics including object-oriented programming and how to build Web sites that incorporate authentication and security. After completing this text, you will be able to use ASP .NET to build professional quality, database-driven Web sites. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

\*Takes advantage of lateness to market by including experienced real-world knowledge of ASP.NET development as well as core information

\* Single volume covering both C# and VB.NET.

Dino Esposito's Programming ASP.NET Core is the definitive guide to practical software development with Microsoft's exciting new ASP.NET Core technologies. Unlike competitive books that focus primarily on ASP.NET Core's cross-platform capabilities or only what's changed from earlier versions, Esposito offers a complete learning path for every developer who wants to build production solutions. Esposito's expert coverage includes: Applying all key ASP.NET Core components, including MVC for HTML generation, .NET Core, EF Core, ASP.NET Identity, dependency injection, and more Integrating ASP.NET Core with leading client-side frameworks, including Bootstrap ASP.NET Core code for implementing business logic and data transformations Handling configuration, routing, controllers, views, and common tasks (including posting forms and presenting data) Performing complementary tasks: error handling, logging, application design, authentication, localization, and more Front-end development: ensuring responsiveness, creating mobile views, and providing advanced interactivity Middleware, data access, runtime architecture, and deployment Taking full advantage of the brand-new ASP.NET Core runtime Provides information on using ASP.NET MVC 4 to build server-side Web applications.

The Bulgarian C# Book

Professional C# 2005

Developing Web Applications with ASP.NET and C#

ASP. NET Programming with C# and SQL Server

Building Modern Multiple-Page Web Applications using ASP.NET Core Razor Pages, Angular Elements, WebPack, RxJS, and Mini-SPAs

HTML: Comprehensive Concepts and Techniques

This book provides all the tools you need to develop ultra-modern multiple-page applications (MPAs) using ASP.NET Core Razor Pages, Angular elements, WebPack, RxJS, and mini-SPAs (Single-Page Applications). It will be useful for web programmers, business developers, and students of all skill levels who are interested in web-application developments. This book teaches you how to build a modern web site/application using a hybrid approach — the simplest being host one or more mini-SPAs within a larger multiple-page web application. It shows how to split a web application into functional parts, and convert each functional part into its own SPA. These mini-SPAs together form a complete multiple-page application. For each mini SPA, we use a simple JavaScript routing system to organize the states of the application and switch between different views by watching changes on the URL. The technical stack for backend consists of operating system, web server, database, and programming logic. This book chooses ASP.NET Core Razor Pages and SQL Server as the backend framework. A Razor page consists of a Razor view and a code behind file. Each Razor page is self-contained with its own view and code organized together, resulting in a simpler app, which makes coding page-focused scenarios easier and more productive. The front-end components enable the user's interaction with the web application. In this book, we choose TypeScript, npm, WebPack, RxJS, and Angular as our front-end technical stack. TypeScript is a modern JavaScript development language that provides optional static type checking, classes, and interfaces. It also offers advanced Intellisense, auto-completion, navigation, and refactoring, which makes code easier to read and understand. WebPack is a bundler and it comes in handy when you need to pack multiple assets together into a dependency graph. There is a rising tendency to use WebPack because it can fulfil nearly all tasks that you would perform through a task runner. RxJS is a library for reactive programming using observables, which make it easier to compose asynchronous or callback-based code. This book will explain how to use all of these technologies together to create a modern web application. Angular is a popular front-end JavaScript framework. Even though it is used for SPA development, we can still take advantage of this framework in building modern multiple-page web applications, i.e., we can use Angular in a non-SPA way via Angular elements. Angular elements are Angular components packaged as custom elements, a web standard for defining new HTML elements in a framework-agnostic way. This book shows how to embed Angular elements into our modern MPA project without having to migrate an entire application to Angular. This book also includes the other selected topics, including how to use Microsoft ML.NET to solve machine learning problems, such as classification, regression, and clustering; how to create various charts and graphics using ECharts; how to use SignalR to add real-time features to your web apps; how to use dependency injection, and how to create custom tag helpers and Razor Class Libraries in Razor Pages.

\* Takes the best of a series of C# Web Programming books from Wrox into one great book \* Offers a natural follow-on to the Apress title —Beginning C#— so that readers can continue building their .NET programming expertise with Apress Written by an expert teacher and programmer who is recognized in his field, and who is prepared to teach with real-world examples for his audience

Provides information on Web site development using ASP.NET 2.0.

The complete, pragmatic guide to building high-value solutions with ASP.NET Core Programming ASP.NET Core is the definitive guide to practical web-based application development with Microsoft's new ASP.NET Core framework.

Microsoft MVP Dino Esposito introduces proven techniques and well-crafted example code for solving real problems with

ASP.NET Core. Step by step, he guides you through using all key ASP.NET Core technologies, including MVC for HTML generation, .NET Core, EF Core, ASP.NET Identity, dependency injection, and much more. Esposito thoroughly covers ASP.NET Core's cross-platform capabilities and what's changed from older ASP.NET versions, but he doesn't stop there: he offers a complete learning path for every developer who wants to build production solutions, including mobile-specific solutions. Microsoft MVP Dino Esposito shows how to:

- Create new projects and understand their structure
- Set up and use the familiar MVC application model in ASP.NET Core
- Write controller class code to govern all stages of request processing
- Serve HTML from controllers, or directly via Razor Pages
- Master the Razor language for quickly defining the layout of HTML views
- Manage cross-cutting concerns such as global configuration data, error and exception handling, controller class design, and dependency injection
- Secure applications with user authentication and ASP.NET Core's policy-based user authorization API
- Design for efficient data access, and choose the right option for reading and writing data
- Build ASP.NET Core Web APIs that return JSON, XML, or other data
- Use data binding to programmatically update visual components with fresh information
- Build device-friendly web views for iOS and Android
- Explore the radically new ASP.NET Core runtime environment and Dependency Injection (DI) infrastructure

Practical Multiple-Page Apps with ASP.NET Core and Angular Elements

NET Architecture and Programming Using Visual C++

.NET Programming with Visual C++

Build robust network applications with C# and .NET Core

ASP.Net Web Developer's Guide

Programming ASP.NET MVC 4

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.

A comprehensive guide to understanding network architecture, communication protocols, and network analysis to build secure applications compatible with the latest versions of C# 8 and .NET Core 3.0 Key FeaturesExplore various network architectures that make distributed programming possibleLearn how to make reliable software by writing secure interactions between clients and serversUse .NET Core for network device automation, DevOps, and software-defined networkingBook Description The C# language and the .NET Core application framework provide the tools and patterns required to make the discipline of network programming as intuitive and enjoyable as any other aspect of C# programming. With the help of this book, you will discover how the C# language and the .NET Core framework make this possible. The book begins by introducing the core concepts of network programming, and what distinguishes this field of programming from other disciplines. After this, you will gain insights into concepts such as transport protocols, sockets and ports, and remote data streams, which will provide you with a holistic understanding of how network software fits into larger distributed systems. The book will also explore the intricacies of how network software is implemented in a more explicit context, by covering sockets, connection strategies such as Transmission Control Protocol (TCP) and User Datagram Protocol (UDP), asynchronous processing, and threads. You will then be able to work through code examples for TCP servers, web APIs served over HTTP, and a Secure Shell (SSH) client. By the end of this book, you will have a good understanding of the Open Systems Interconnection (OSI) network stack, the various communication protocols for that stack, and the skills that are essential to implement those protocols using the C# programming language and the .NET Core framework. What you will learnUnderstand the breadth of C#'s network programming utility classesUtilize network-layer architecture and organizational strategiesImplement various communication and transport protocols within C#Discover hands-on examples of distributed application developmentGain hands-on experience with asynchronous socket programming and streamsLearn how C# and the .NET Core runtime interact with a hosting networkUnderstand a full suite of network programming tools and featuresWho this book is for If you're a .NET developer or a system administrator with .NET experience and are looking to get started with network programming, then this book is for you. Basic knowledge of C# and .NET is assumed, in addition to a basic understanding of common web protocols and some high-level distributed system designs.

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.

This book exposes innovative technics for developing native macOS desktop applications by using C# and the .NET Core 3.1. You will discover that the implementation of a macOS native application can be done with other tools than the classical tools proposed by Apple: SwiftUI, Objective-C ... Before reserved to C++ programmers, the macOS application arena is now open to the C# developer's community. What you will learn in this book? - Essentials macOS commands (for rookie macOS user). - Essentials C# coding technics (for rookie C# developer). - Setup an efficient and professional development environment for .NET Core 3.1 on your Mac. - Review a panel of technical solutions for the GUI implementation. - Choose the adapted UI for your application specific needs. - Code your desktop application

(boilerplates furnished). - Produce macOS executable from your C# project. - Package and distribute your application for the macOS ecosystem. Who is it for? - macOS C++, Java or Swift developers. - ASP.NET C# developers. - Windows C# developers. Accelerate your project start. This book includes project templates (boilerplates) useful for starting quickly and easily the coding of your macOS desktop application. This book avoids you a long and tedious phase of research for finding the most relevant technical solution for your app. Thus, you can focus on the functional features of the application rather than the technical constraints of the Mac OS X system.

Build RESTful web applications and services on the .NET framework

Learning C#

Programming Visual Basic .NET