

Professional DevExpress ASP NET Controls

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Pro Business Applications with Silverlight 5

- Chris Anderson 2012-06-08

Silverlight 5 has the potential to revolutionize the way we build business applications. With its flexibility, web deployment, cross-platform capabilities, rich .NET language support on the client, rich user interface control set, small runtime, and more, it comes close to the perfect platform on which to build business applications. It's a very powerful technology, and despite its youth, it's moving forward at a rapid pace and is gaining widespread popularity. This book guides you through the process of designing and developing enterprise-strength business applications in Silverlight 5 and C#. You'll learn how to take advantage of the power of Silverlight to develop rich and robust business applications—from getting started to deployment, and everything in between. In particular, this book will serve developers who want to learn how to design business applications. It will introduce the patterns you'll use, the issues you'll face, and how to resolve them. Author Chris Anderson, who has been building line-of-business applications for years, demonstrates his expertise through a candid presentation of how to tackle real-life issues, rather than just avoiding them. Developers will benefit from his hard-won expertise through business application design patterns that he shares throughout the book. With this book in hand, you will: Create a fully-functional business application in Silverlight Discover how to satisfy the general requirements that most business applications need Develop a business application framework

Agile Principles, Patterns, and Practices in C# - Robert C. Martin 2006-07-20

With the award-winning book Agile Software Development: Principles, Patterns, and Practices, Robert C. Martin helped bring Agile principles to tens of thousands of Java and C++ programmers. Now .NET programmers have a definitive guide to agile methods with this completely updated volume from Robert C. Martin and Micah Martin, *Agile Principles, Patterns, and Practices in C#*. This book presents a series of case studies illustrating the fundamentals of Agile development and Agile design, and moves quickly from UML models to real C# code. The introductory chapters lay out the basics of the agile movement, while the later chapters show proven techniques in action. The book includes many source code examples that are also available for download from the authors' Web site. Readers will come away from this book understanding Agile principles, and the fourteen practices of Extreme Programming Spiking, splitting, velocity, and planning iterations and releases Test-driven development, test-first design, and acceptance testing Refactoring with unit testing Pair programming Agile design and design smells The five types of UML diagrams and how to use them effectively Object-oriented package design and design patterns How to put all of it together for a real-world project Whether you are a C# programmer or a Visual Basic or Java programmer learning C#, a software development manager, or a business analyst, *Agile Principles, Patterns, and Practices in C#* is the first book you should read to understand agile software and how it applies to

programming in the .NET Framework.

Professional ASP.NET 3.5 SP1 Edition - Bill Evjen 2011-01-07

Professional ASP.NET 3.5 SP1 In C# and VB ASP.NET 3.5 brings the power of Visual Studio 2008 along with the multitude of language improvements in C# 2008 and Visual Basic 2008 as well as powerful new technology called LINQ, together with the ASP.NET 2.0 Framework you already know and love. Packed with valuable coverage of ASP.NET 3.5 SP1, this essential resource offers both C# and VB examples throughout the book, and shares new and updated content on the ADO.NET Entity Framework, ADO.NET Dynamic Data, and ADO.NET Data Services. While ASP.NET 3.5 boasts server controls like the ListView and the incredibly flexible GridView, it also includes advancements in AJAX technology combined with JavaScript debugging features in Visual Studio 2008. With this book, a stellar author team covers the new controls in the AJAX toolbox, the back button history, and script combining, and they also examine the new capabilities of WCF including changes to DataContractSerializer. In addition, the accompanying CD-ROM features the entire book in PDF format. What you will learn from this book The concepts underlying the server control and its pivotal role in ASP.NET development How to create templated ASP.NET pages using the master page feature How to work with data from enterprise databases including SQL Server Ways to debug, package, and deploy ASP.NET applications, monitor their health and performance, and handle errors How to retrieve, update, and delete data quickly and logically using LINQ with side-by-side examples comparing LINQ to existing techniques Ways to localize your web site in multiple languages for a world-wide audience Methods for adding AJAX capabilities to your ASP.NET applications The many benefits of the new data access additions Ways to use and extend the Provider Model for accessing data stores, processes, and more What freeware tools you need in Scott Hanselman's ASP.NET Ultimate Developer Tools appendix Who this book is for This book is for programmers and developers who are looking to make the transition to ASP.NET 3.5 SP1 with Visual Studio 2008 and either C# 3.0 (2008) or

Visual Basic 9 (2008). CD-ROM includes the full book in PDF format and a selection of 7 Wrox Blox mini e-books including: Internet Explorer 8 and Its Impact on Your ASP.NET Web Sites Jumping from ASP.NET to Silverlight 2 Leverage LINQ in ASP.NET 3.5 Projects Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

Getting Started with Visual Studio 2019 - Dirk Strauss 2019-11-27

Know how to use the features of Visual Studio 2019 and utilize the IDE correctly to become your one-stop solution for creating quality code. Learn what's new in VS 2019 and explore the existing features of Visual Studio so you can use them more efficiently. Getting Started with Visual Studio 2019 begins with an overview of Visual Studio and explores new features such as Visual Studio Live Share, Visual Studio Search, Solution Filters, and Intellicode. Author Dirk Strauss teaches you how to create project templates, write code snippets, and manage NuGet packages. You will learn how to: debug your code using breakpoints and step into specific methods, use data tips, and utilize the DebuggerDisplay attribute. You will then move on to learn unit testing and explore the tools provided by Visual Studio to create and run unit tests. The book also covers source control integration in Visual Studio and how to use GitHub to implement a source control strategy in your code. What You Will Learn Create and use code snippets in Visual Studio 2019 Utilize diagnostic tools and the Immediate window for code debugging Generate unit tests with IntelliTest Use NuGet in applications Create and handle pull requests Who This Book Is For Beginners and software developers working on the .NET stack

Binary Code Fingerprinting for

Cybersecurity - Saed Alrabaei 2020-02-29

This book addresses automated software fingerprinting in binary code, especially for cybersecurity applications. The reader will gain a thorough understanding of binary code analysis and several software fingerprinting techniques for cybersecurity applications, such as malware detection, vulnerability analysis, and digital forensics. More specifically, it starts with an overview of binary code analysis and its challenges, and then discusses the existing

state-of-the-art approaches and their cybersecurity applications. Furthermore, it discusses and details a set of practical techniques for compiler provenance extraction, library function identification, function fingerprinting, code reuse detection, free open-source software identification, vulnerability search, and authorship attribution. It also illustrates several case studies to demonstrate the efficiency, scalability and accuracy of the above-mentioned proposed techniques and tools. This book also introduces several innovative quantitative and qualitative techniques that synergistically leverage machine learning, program analysis, and software engineering methods to solve binary code fingerprinting problems, which are highly relevant to cybersecurity and digital forensics applications. The above-mentioned techniques are cautiously designed to gain satisfactory levels of efficiency and accuracy. Researchers working in academia, industry and governmental agencies focusing on Cybersecurity will want to purchase this book. Software engineers and advanced-level students studying computer science, computer engineering and software engineering will also want to purchase this book.

The Art of Unit Testing - Roy Osherove
2013-11-24

Summary The Art of Unit Testing, Second Edition guides you step by step from writing your first simple tests to developing robust test sets that are maintainable, readable, and trustworthy. You'll master the foundational ideas and quickly move to high-value subjects like mocks, stubs, and isolation, including frameworks such as Moq, FakeItEasy, and Typemock Isolator. You'll explore test patterns and organization, working with legacy code, and even "untestable" code. Along the way, you'll learn about integration testing and techniques and tools for testing databases and other technologies. About this Book You know you should be unit testing, so why aren't you doing it? If you're new to unit testing, if you find unit testing tedious, or if you're just not getting enough payoff for the effort you put into it, keep reading. The Art of Unit Testing, Second Edition guides you step by step from writing your first simple unit tests to building complete test sets that are maintainable, readable, and

trustworthy. You'll move quickly to more complicated subjects like mocks and stubs, while learning to use isolation (mocking) frameworks like Moq, FakeItEasy, and Typemock Isolator. You'll explore test patterns and organization, refactor code applications, and learn how to test "untestable" code. Along the way, you'll learn about integration testing and techniques for testing with databases. The examples in the book use C#, but will benefit anyone using a statically typed language such as Java or C++. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. What's Inside Create readable, maintainable, trustworthy tests Fakes, stubs, mock objects, and isolation (mocking) frameworks Simple dependency injection techniques Refactoring legacy code About the Author Roy Osherove has been coding for over 15 years, and he consults and trains teams worldwide on the gentle art of unit testing and test-driven development. His blog is at ArtOfUnitTesting.com. Table of Contents PART 1 GETTING STARTED The basics of unit testing A first unit test PART 2 CORE TECHNIQUES Using stubs to break dependencies Interaction testing using mock objects Isolation (mocking) frameworks Digging deeper into isolation frameworks PART 3 THE TEST CODE Test hierarchies and organization The pillars of good unit tests PART 4 DESIGN AND PROCESS Integrating unit testing into the organization Working with legacy code Design and testability **Murach's ASP.NET Core MVC** - Joel Murach
2020-01-07

If you know the basics of C# and HTML/CSS, you're ready to learn how to build ASP.NET Core MVC web apps the way the professionals do. This book covers all the essentials: the MVC pattern, Bootstrap for responsive design, routing, Razor views, model binding, data validation, EF (Entity Framework) Core for database handling, dependency injection, xUnit and Moq for unit testing, Identity for authentication, and more. It gets you going right away with a subset of basic skills, then builds on those skills so you'll soon be developing real-world web apps. Along the way, you get dozens of practical coding examples that help you apply what you've just learned and show how all the parts work together. And when you're done, this

book does double duty as the best on-the-job reference that money can buy.

Pro React 16 - Adam Freeman 2019-03-19
Use the enormously popular React framework to build dynamic JavaScript applications that take advantage of the capabilities of modern browsers and devices. You will learn how React brings the power of strong architecture and responsive data to the client, providing the foundation for complex and rich user interfaces. Best-selling author Adam Freeman explains how to get the most from React. He begins by describing the React architecture and the benefits it offers and then shows you how to use React and its associated tools and libraries in your projects, starting from the nuts and bolts and building up to the most advanced and sophisticated features, going in-depth to give you the knowledge you need. Each topic is presented clearly and concisely. Chapters include common problems and how to avoid them. What You'll Learn Gain a solid understanding of the React design Create rich and dynamic web app clients using React Create data stores using Redux Consume data using REST and GraphQL Test your React projects Who This Book Is For JavaScript developers who want to use React to create dynamic client-side applications

Pro Telerik ASP.NET and Silverlight Controls - Jose Rolando Guay Paz 2010-12-28
This book provides a complete guide to implementing Telerik's range of ASP.NET and Silverlight controls. Telerik controls are invaluable for ASP.NET and Silverlight developers because they provide a vast array of rich controls targeted for the presentation layer of web applications. Telerik offers you solutions for the reports, grids, charts, and text-editing controls that you need but don't want to build from scratch yourself—the options are endless for increasing the functionality of any of your web solutions.

Real World ASP.NET Best Practices - Farhan Muhammad 2008-01-01
ASP.NET is a wonderful enabling technology that allows developers to create business solutions much more effectively than ever before. However, there is room for improvement. Developers often do not see the potholes and pitfalls related to this technology until they

stumble. Real World ASP.NET Best Practices helps readers to avoid just such frustrations. The book's in-depth coverage includes data handling, caching, JavaScript, user and server controls, distributed programming, configuration, and deployment. Real World ASP.NET Best Practices goes far beyond the documentation to teach ASP.NET development best practices based on the authors' real-world experience. The book's emphasis is on helping developers perform tasks correctly and avoid mistakes, not on teaching ASP.NET in general.

ASP.NET Core 5 for Beginners - Andreas Helland 2020-12-18
Learn how to build web applications efficiently using ASP.NET Core 5 with the C# programming language and related frameworks Key Features Build web apps and services and cross-platform applications using .NET and C# Understand different web programming concepts with the help of real-world examples Explore the new features and APIs in ASP.NET Core 5, EF Core, Visual Studio, and Blazor Book Description ASP.NET Core 5 for Beginners is a comprehensive introduction for those who are new to the framework. This condensed guide takes a practical and engaging approach to cover everything that you need to know to start using ASP.NET Core for building cloud-ready, modern web applications. The book starts with a brief introduction to the ASP.NET Core framework and highlights the new features in its latest release, ASP.NET Core 5. It then covers the improvements in cross-platform support, the view engines that will help you to understand web development, and the new frontend technologies available with Blazor for building interactive web UIs. As you advance, you'll learn the fundamentals of the different frameworks and capabilities that ship with ASP.NET Core. You'll also get to grips with securing web apps with identity implementation, unit testing, and the latest in containers and cloud-native to deploy them to AWS and Microsoft Azure. Throughout the book, you'll find clear and concise code samples that illustrate each concept along with the strategies and techniques that will help to develop scalable and robust web apps. By the end of this book, you'll have learned how to leverage ASP.NET Core 5 to build and deploy dynamic websites and

services in a variety of real-world scenarios. What you will learn Explore the new features and APIs introduced in ASP.NET Core 5 and Blazor Put basic ASP.NET Core 5 concepts into practice with the help of clear and simple samples Work with Entity Framework Core and its different workflows to implement your application's data access Discover the different web frameworks that ASP.NET Core 5 offers for building web apps Get to grips with the basics of building RESTful web APIs to work with real data Deploy your web apps in AWS, Azure, and Docker containers Work with SignalR to add real-time notifications to your app Who this book is for This book is for developers who want to learn how to develop web-based applications using the ASP.NET Core framework. Familiarity with the C# language and a basic understanding of HTML and CSS is required to get the most out of this book.

Dependency Injection Principles, Practices, and Patterns - Mark Seemann 2019-03-06

Summary Dependency Injection Principles, Practices, and Patterns teaches you to use DI to reduce hard-coded dependencies between application components. You'll start by learning what DI is and what types of applications will benefit from it. Then, you'll work through concrete scenarios using C# and the .NET framework to implement DI in your own projects. As you dive into the thoroughly-explained examples, you'll develop a foundation you can apply to any of the many DI libraries for .NET and .NET Core. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Dependency Injection (DI) is a great way to reduce tight coupling between software components. Instead of hard-coding dependencies, such as specifying a database driver, you make those connections through a third party. Central to application frameworks like ASP.NET Core, DI enables you to better manage changes and other complexity in your software. About the Book Dependency Injection Principles, Practices, and Patterns is a revised and expanded edition of the bestselling classic Dependency Injection in .NET. It teaches you DI from the ground up, featuring relevant examples, patterns, and anti-patterns for creating loosely coupled, well-structured

applications. The well-annotated code and diagrams use C# examples to illustrate principles that work flawlessly with modern object-oriented languages and DI libraries. What's Inside Refactoring existing code into loosely coupled code DI techniques that work with statically typed OO languages Integration with common .NET frameworks Updated examples illustrating DI in .NET Core About the Reader For intermediate OO developers. About the Authors Mark Seemann is a programmer, software architect, and speaker who has been working with software since 1995, including six years with Microsoft. Steven van Deursen is a seasoned .NET developer and architect, and the author and maintainer of the Simple Injector DI library. Table of Contents PART 1 Putting Dependency Injection on the map The basics of Dependency Injection: What, why, and how Writing tightly coupled code Writing loosely coupled code PART 2 Catalog DI patterns DI anti-patterns Code smells PART 3 Pure DI Application composition Object lifetime Interception Aspect-Oriented Programming by design Tool-based Aspect-Oriented Programming PART 4 DI Containers DI Container introduction The Autofac DI Container The Simple Injector DI Container The Microsoft.Extensions.DependencyInjection DI Container

Professional DevExpress ASP.NET Controls - Paul T. Kimmel 2010-05-21

Learn to use DevExpress ASP.NET controls, and get \$250 worth of controls included with the book DevExpress is a leading supplier of ASP.NET controls - the addins used in ASP.NET sites. Not only does this book show you how to make the most of them with Silverlight and Ajax, reporting, calendars, editors, and charts, but you also get actual controls worth \$250 on the CD-ROM included with the book. Regardless of your level of ASP.NET expertise, this complete reference will show you how to implement many award-winning and useful controls into your ASP.NET applications. Controls save time and effort as well as adding functionality, and this book helps you take full advantage of what they offer. DevExpress is a leading vendor for ASP.NET controls that developers can use to add features, accomplish difficult tasks, and save development and testing time This book

addresses the all-important use of controls for Silverlight and Ajax, as well as classic essentials like reporting, editors, calendars, and charts Covered controls include reports and charts, HTML editors, menus and treeviews, gridview, and many more Explains when and where to use controls and how to add functionality without additional development CD-ROM includes \$250 worth of Devexpress controls ready for you to use right away With Professional DevExpress ASP.NET Controls, you'll be a step ahead in developing powerful ASP.NET applications. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file. *ASP.NET 4.0 mit Visual Basic 2010* - Christian Wenz 2011

ASP.NET 4.0 baut auf dem erfolgreichen ASP.NET 3.5 auf und überzeugt sowohl durch neue Möglichkeiten für klassische Web Forms als auch durch zahlreiche Erweiterungen für ASP.NET AJAX. Das Framework ASP.NET MVC bietet einen alternativen Ansatz für die Architektur von modernen Webanwendungen und ist bei der neuen ASP.NET-Version mit dabei. Ein-, Umsteiger und fortgeschrittene ASP.NET-Programmierer erfahren hier alles Wesentliche über das .NET Framework und Visual Basic 10. Sie erhalten alle Tricks und Kniffe, die Sie für den erfolgreichen und professionellen Einsatz von ASP.NET benötigen: unterh.

Web Development with Blazor - Jimmy Engström 2021-06-18

Develop modern web UIs quickly with server-side Blazor and Blazor WebAssembly Key Features>Create and deploy a production-ready Blazor application from start to finish*Learn Blazor fundamentals, gain actionable insights, and discover best practices*Find out how, when, and why to use server-side Blazor and Blazor WebAssembly*Book Description Blazor is an essential tool if you want to build interactive web apps without JS, but it comes with its own learning curve. Web Development with Blazor will help you overcome most common challenges developers face when getting started with Blazor and teach you the best coding practices. You'll start by learning how to leverage the power of Blazor and explore the full capabilities of both Blazor Server and Blazor WebAssembly. Then you'll move on to the practical part, which is

centred around a sample project - a blog engine. This is where you'll apply all your newfound knowledge about creating Blazor Server and Blazor WebAssembly projects, the inner working of Razor syntax, and validating forms, as well as creating your own components. You'll learn all the key concepts involved in web development with Blazor, which you'll also be able to put into practice straight away. By showing you how all the components work together practically, this book will help you avoid some of the common roadblocks that novice Blazor developers face and inspire you to start experimenting with Blazor on your other projects. When you reach the end of this Blazor book, you'll have gained the confidence you need to create and deploy production-ready Blazor applications. What you will learn*Understand the different technologies that can be used with Blazor, such as Blazor Server and Blazor WebAssembly*Find out how to build simple and advanced Blazor components*Explore the differences between Blazor Server and Blazor WebAssembly projects*Discover how Entity Framework works and build a simple API*Get up to speed with components and find out how to create basic and advanced components*Explore existing JavaScript libraries in Blazor*Use techniques to debug your Blazor Server and Blazor WebAssembly applications*Test Blazor components using bUnit*Who this book is for If you're a .NET web or software developer who wants to build web UIs using C#, then this book is for you. You'll need intermediate-level web-development skills and basic knowledge of C# before you get started; the book will guide you through the rest.

The Tomes of Delphi - Julian Bucknall 2001 Featuring a wealth of code examples appropriate for practicing developers, this advanced-level guide provides comprehensive coverage of such topics as arrays, binary trees, data compression. The CD includes the author's highly successful freeware library, EZDSL, along with the code from the book.

Microsoft .NET - Architecting Applications for the Enterprise - Dino Esposito 2014-08-28

A software architect's digest of core practices, pragmatically applied Designing effective architecture is your best strategy for managing project complexity-and improving your results.

But the principles and practices of software architecting—what the authors call the “science of hard decisions”—have been evolving for cloud, mobile, and other shifts. Now fully revised and updated, this book shares the knowledge and real-world perspectives that enable you to design for success—and deliver more successful solutions. In this fully updated Second Edition, you will: Learn how only a deep understanding of domain can lead to appropriate architecture Examine domain-driven design in both theory and implementation Shift your approach to code first, model later—including multilayer architecture Capture the benefits of prioritizing software maintainability See how readability, testability, and extensibility lead to code quality Take a user experience (UX) first approach, rather than designing for data Review patterns for organizing business logic Use event sourcing and CQRS together to model complex business domains more effectively Delve inside the persistence layer, including patterns and implementation.

Visual Studio 2019 In Depth - Du Preez Ockert J. 2019-09-20

Step-by-step guide to all the tools and extensions in the Visual Studio 2019 IDE Key features a- Create and use custom IDE extensions a- Find, download, and use the best IDE extensions for web, mobile, Azure, and Windows a- Enhance programming experience and time with debugging tools a- Enhance coding capabilities with coding tools a- Test projects proactively a- Create powerful web, mobile, and Azure solutions for the real world Description This book peeks into every corner of the Visual Studio IDE and will help you get started with the latest 2019 version. Right from installation, you'll discover new features within the tool and the optimal way to use the features you may already know. You'll learn, for example, how to extend Visual Studio with your own customizations, so that you can make it perform the way you want. You will then explore everything about NuGet package, test applications using Live Unit Testing, and learn how to make code templates using the T4 code generation tool. You'll get to grips with the richer JavaScript IntelliSense, which will help you focus more on coding. Moving on, you'll learn to work with the dedicated workloads for data storage and data science. You will also

review the more advanced architecture tools concealed within the IDE and finally create cloud-first applications powered by Microsoft Azure using the built-in suite of Azure tools. What will you learn By the end of the book, you will be able to tackle any solution for any platform head-on. You will create real-world solutions from start to finish. By using the tools and extensions outlined in this book, you will be able to code better and faster, debug better, share your code with more peers, test your code better, and install or publish your apps quicker and without issues. Who this book is for The book is intended for any .NET developer. You can be a seasoned developer or a newbie just starting out. This book will play a pivotal role in presenting all the tools you need to become a better developer. Table of contents 1. Getting started with Visual Studio 2. Digging in the Visual Studio IDE 3. IntelliSense 4. Language & coding changes in C# 5. What's new in .Net core 6. Built-in tools 7. Debugging tools 8. Testing tools 9. ASP.NET tools 10. Mobile tools 11. Azure tools 12. IDE extensions 13. ASP.NET extensions 14.

Mobile extensions 15. Azure DevOps extensions About the author Ockert du Preez is a self-taught developer who started learning programming since the days of QBasic. He has written several articles over the years detailing his programming quests and adventures. .NET is his second love, just after his wife and kid. He has always been an avid supporter of .NET since the beginning, and is an expert in VB and C#. He was given the Microsoft Most Valuable Professional Award for .NET (2008-2017). He has worked as a moderator and an article reviewer and currently writes articles for CodeGuru, Developer.com, DevX, and the Database journal. His blog: <https://www.codeguru.com/member.php/Hannes+DuPreez/>

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.

Professional Refactoring in C# & ASP.NET - Danijel Arsenovski 2009-04-08

Refactoring is an effective way to quickly uncover problematic code and fix it. In this first book to provide a hands-on approach to refactoring in C# and ASP.NET, you'll discover to apply refactoring techniques to manage and modify your code. Plus, you'll learn how to build a prototype application from scratch and discover how to refactor the prototype into a properly designed, enterprise-level application. With the help of step-by-step directions, you'll gain a better understanding of different code issues and refactoring transformations. Many of these transformations are developed from real-world scenarios that are the result of key business decisions. In addition, you'll find formal definitions of refactoring techniques that you'll be able to refer to while on the job. This book covers the refactoring techniques that will enable you to become more efficient and productive. You'll be able to use this information to respond to change and improve the design of existing code. What you will learn from this book

- How to assemble your own refactoring toolkit
- Techniques for performing unit testing
- Tips on refactoring to patterns
- How to use refactoring to upgrade legacy C# and ASP.NET code
- Ways to take advantage of the method extraction to eliminate duplicated code
- How to make code simpler, easier to modify, and more understandable
- All about object oriented theory and design patterns
- Methods for using LINQ and other C# 3.0 enhancements
- Who this book is for

This book is for C# and ASP.NET developers who want to learn how to effectively manage and modify their code with refactoring tools and features. Wrox Professional guides are planned and written by working programmers to meet the real-world needs of programmers, developers, and IT professionals. Focused and relevant, they address the issues technology professionals face every day. They provide examples, practical solutions, and expert education in new technologies, all designed to help programmers do a better job.

C# Programming Cookbook - Dirk Strauss

2016-07-27

Quick fixes to your common C# programming problems, with a focus on C# 6.0 About This Book Unique recipes for C#, that places it in its real-world context. You will be able to get yourself out of any coding-corner you've backed yourself into. All code samples available through GitHub to bring C#. In line with modern development workflows, written to the latest specification of C# 6.0. Who This Book Is For The book is aimed at developers who have basic familiarity with C# programming and will know the VS 2015 environment. What You Will Learn Write better and less code to achieve the same result as in previous versions of C#. Generate tests from the Code Contracts for mission critical methods. Integrate code in Visual Studio with GitHub. Create a web application in Azure. Design and build a microservice architecture Demystify the Rx library using Reactive extensions Write high performing codes in C# and understanding multi-threading. Security and Debugging. Implement Code Contracts on code in Visual Studio. In Detail During your application development workflow, there is always a moment when you need to get out of a tight spot. Through a recipe-based approach, this book will help you overcome common programming problems and get your applications ready to face the modern world. We start with C# 6, giving you hands-on experience with the new language features. Next, we work through the tasks that you perform on a daily basis such as working with strings, generics, and lots more. Gradually, we move on to more advanced topics such as the concept of object-oriented programming, asynchronous programming, reactive extensions, and code contracts. You will learn responsive high performance programming in C# and how to create applications with Azure. Next, we will review the choices available when choosing a source control solution. At the end of the book, we will show you how to create secure and robust code, and will help you ramp up your skills when using the new version of C# 6 and Visual Studio Style and Approach Unique recipe-based guide that will help you gain a solid understanding of the new concepts in C# 6 and Visual Studio Enterprise 2015 in a concise and technically correct manner.

Learn WinUI 3.0 - Alvin Ashcraft 2021-03-26

A beginner's guide to building Windows applications with WinUI for UWP and desktop applications Key Features Create modern Windows 10 applications and gain access to UI controls that were previously limited to UWP applications Discover how to modernize your existing Win32 apps with a modern Windows 10 UI Learn to embed a single page application (SPA) in a WinUI application with a web framework like Blazor Book Description WinUI 3.0 takes a whole new approach to delivering Windows UI components and controls, and is able to deliver the same features on more than one version of Windows 10. Learn WinUI 3.0 is a comprehensive introduction to WinUI and Windows apps for anyone who is new to WinUI, Universal Windows Platform (UWP), and XAML applications. The book begins by helping you get to grips with the latest features in WinUI and shows you how XAML is used in UI development. You'll then set up a new Visual Studio environment and learn how to create a new UWP project. Next, you'll find out how to incorporate the Model-View-ViewModel (MVVM) pattern in a WinUI project and develop unit tests for ViewModel commands. Moving on, you'll cover the Windows Template Studio (WTS) new project wizard and WinUI libraries in a step-by-step way. As you advance, you'll discover how to leverage the Fluent Design system to create beautiful WinUI applications. You'll also explore the contents and capabilities of the Windows Community Toolkit and learn to create a new UWP user control. Toward the end, the book will teach you how to build, debug, unit test, deploy, and monitor apps in production. By the end of this book, you'll have learned how to build WinUI applications from scratch and modernize existing WPF and WinForms applications using WinUI controls. What you will learn Get up and running with WinUI and discover how it fits into the landscape of Project Reunion and Windows UI development Build new Windows apps quickly with robust templates Develop testable and maintainable apps using the MVVM pattern Modernize WPF and WinForms applications with WinUI and XAML Islands Discover how to build apps that can target Windows and leverage the power of the web Install the XAML Controls Gallery sample

app and explore available WinUI controls Who this book is for This book is for anyone who wants to develop Windows applications with a modern user experience (UX). If you are familiar with UWP and WPF and are looking to enhance your knowledge of Windows development and modernize existing apps, you will find this book useful. Hands-on experience with C# and .NET is expected but no prior knowledge of WinUI is required.

Professional ASP.NET 4.5 in C# and VB -

Jason N. Gaylord 2013-04-26

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

Old New Thing - Raymond Chen 2006-12-27

"Raymond Chen is the original raconteur of Windows." --Scott Hanselman, ComputerZen.com "Raymond has been at Microsoft for many years and has seen many nuances of Windows that others could only ever hope to get a glimpse of. With this book, Raymond shares his knowledge, experience, and anecdotal stories, allowing all of us to get a better understanding of the operating system that affects millions of people every day. This book has something for everyone, is a casual read, and I highly recommend it!" --Jeffrey Richter, Author/Consultant, Cofounder of

Wintellect "Very interesting read. Raymond tells the inside story of why Windows is the way it is." --Eric Gunnerson, Program Manager, Microsoft Corporation "Absolutely essential reading for understanding the history of Windows, its intricacies and quirks, and why they came about." --Matt Pietrek, MSDN Magazine's Under the Hood Columnist "Raymond Chen has become something of a legend in the software industry, and in this book you'll discover why. From his high-level reminiscences on the design of the Windows Start button to his low-level discussions of GlobalAlloc that only your inner-geek could love, The Old New Thing is a captivating collection of anecdotes that will help you to truly appreciate the difficulty inherent in designing and writing quality software." -- Stephen Toub, Technical Editor, MSDN Magazine

Why does Windows work the way it does? Why is Shut Down on the Start menu? (And why is there a Start button, anyway?) How can I tap into the dialog loop? Why does the GetWindowText function behave so strangely? Why are registry files called "hives"? Many of Windows' quirks have perfectly logical explanations, rooted in history. Understand them, and you'll be more productive and a lot less frustrated. Raymond Chen--who's spent more than a decade on Microsoft's Windows development team--reveals the "hidden Windows" you need to know. Chen's engaging style, deep insight, and thoughtful humor have made him one of the world's premier technology bloggers. Here he brings together behind-the-scenes explanations, invaluable technical advice, and illuminating anecdotes that bring Windows to life--and help you make the most of it. A few of the things you'll find inside: What vending machines can teach you about effective user interfaces A deeper understanding of window and dialog management Why performance optimization can be so counterintuitive A peek at the underbelly of COM objects and the Visual C++ compiler Key details about backwards compatibility--what Windows does and why Windows program security holes most developers don't know about How to make your program a better Windows citizen

[Learning ASP.NET Core 3.0 - Second Edition](#) - Kenneth Yamikani Fukizi 2019-12-27
A beginner's guide to building fully functioning

web applications from scratch using the latest features of ASP.NET Core 3 and C# 8 Key Features Get to grips with the new features and APIs in ASP.NET Core 3, EF Core 3, and Blazor Create web APIs that integrate your applications with other systems and services Learn to deploy your web applications in new environments such as the cloud and Docker containers Book Description ASP.NET Core is an open source framework from Microsoft that makes it easy to build highly efficient and dynamic cross-platform web applications. Updated for the latest features of ASP.NET Core 3, this second edition will equip you with the skills you need to build powerful web applications. The book starts with an introduction to ASP.NET Core and its features, giving you a complete understanding of the framework. You will also learn how to set up your development environment with Visual Studio 2019 and build a fully functioning application from scratch. You'll then understand core concepts for building web applications such as Model View Controller (MVC), dependency injection, and WebSockets. As you advance, you'll discover how to use Entity Framework Core 3 to automate all database-related activities for your application. You will then build and document secure web APIs using security best practices to protect your web applications from threats and vulnerabilities. Finally, you will learn how to use Azure DevOps as a CI/CD tool to deploy and monitor your applications using Microsoft Azure, Amazon Web Services (AWS), and Docker. By the end of this book, you'll have the skills you need to develop efficient and robust web applications in ASP.NET Core 3. What you will learn

Delve into basic and advanced ASP.NET Core 3 concepts with the help of examples Build an MVC web application and use Entity Framework Core 3 to access data Add web APIs to your web applications using RPC, REST, and HATEOAS Create a fully automated continuous integration and continuous delivery (CI/CD) pipeline using Azure DevOps Use Azure, Amazon Web Services, and Docker to deploy and monitor your applications Secure your web application from common attacks such as Cross-Site Scripting and SQL injection Explore client-side development using C# Razor components Who this book is for This book is for developers who

want to build modern web applications with ASP.NET Core. The book will also be helpful for anyone working in infrastructure engineering and operations to monitor and diagnose problems during the runtime of ASP.NET Core 3.0 web applications. Although no prior understanding of ASP.NET or .NET Core is required, basic C# programming knowledge is assumed.

ASP.NET Site Performance Secrets - Matt Perdeck 2010-10-13

Simple and proven techniques to quickly speed up your ASP.NET website.

Essential ASP.NET Web Forms Development - Robert E. Beasley 2020-03-12

Go from beginner to pro using one of the most effective and widely used technology stacks, Microsoft ASP.NET. Beginning with the basics, you will learn how to create interactive, professional-grade, database-driven web applications in no time, using ASP.NET, C#, SQL, Ajax, and JavaScript. Essential ASP.NET Web Forms Development is divided into six learning modules and will take you from soup to nuts with ASP.NET. Part I is an introduction to the major concepts, methodologies, and technologies associated with .NET web application development. You will learn about the client-server model, the .NET Framework, the ASP.NET and C# programming languages, and the Visual Studio integrated development environment. Part II teaches you how to develop a single-page .NET web application and add server and data validation controls, laying the foundation for learning languages in the context of an ASP.NET web application. Part III is all about C# operations and shows you how to perform assignment operations, conversion operations, control operations, string operations, arithmetic operations, date and time operations, array operations, collection operations, and file system operations, as well as create custom C# classes in the context of a .NET web application. In Part IV, you dive into a multiple-page .NET web application and learn how to maintain state between pages and create master pages, themes, and navigation controls. Part V shows you how to connect a .NET web application to a SQL Server database. You will learn to read a database schema, program in the SQL language, utilize data binding, perform single- and

multiple-row database table maintenance, and write code behind database operations. And finally, Part VI teaches you how to enhance the interactivity of a .NET web application. You will learn how to generate email messages, make use of basic Ajax controls and the Ajax Control Toolkit, and program in the JavaScript language. What You Will Learn Delve into the basics of the client-server model, the .NET Framework, the ASP.NET and C# programming languages, and the Visual Studio integrated development environment Create a page and add server and data validation controls Develop basic programming skills in the C# language Maintain state between pages and create master pages, themes, and navigation controls Read a database schema, program in the SQL language, utilize data binding, perform single- and multiple-row database table maintenance, and write code behind database operations Generate email messages, make use of basic Ajax controls and the Ajax Control Toolkit, and program in the JavaScript language Who This Book Is For Anyone who wants to learn how to build ASP.NET web applications. Basic computer skills and the use of a database management system are recommended. Instructor materials and examples are available.

Modern Data Access with Entity Framework Core - Holger Schwichtenberg 2018-06-27

C# developers, here's your opportunity to learn the ins-and-outs of Entity Framework Core, Microsoft's recently redesigned object-relational mapper. Benefit from hands-on learning that will teach you how to tackle frustrating database challenges, such as workarounds to missing features in Entity Framework Core, and learn how to optimize the performance of your applications, head-on! Modern Data Access with Entity Framework Core teaches best practices, guidance, and shortcuts that will significantly reduce the amount of resources you internally dedicate to programming data access code. The proven methods and tools taught in this book, such as how to get better performance, and the ability to select the platform of your choice, will save you valuable time and allow you to create seamless data access. Dive into succinct guidance that covers the gamut-- from installing Entity Framework Core, reverse engineering, forward engineering (including schema

migrations), and data reading and modification with LINQ, Dynamic LINQ, SQL, Stored Procedures, and Table Valued Functions- to using third-party products such as LINQPad, Entity Developer, Entity Framework Profiler, EFPlus, and AutoMapper. You'll also appreciate excerpts of conceptual software architecture discussion around Entity Framework Core that might otherwise take years to learn. What You'll Learn Understand the core concepts of Entity Framework Core, as well process models for existing databases (reverse engineering) and the generation of database schemas from object models (forward engineering) Study real-world case studies for hands-on EF Core instruction Get up to speed with valuable database access scenarios and code samples Discover workarounds to augment missing features in Entity Framework Core Use Entity Framework Core to write mobile apps Bonus online appendix covers Entity Framework Core 2.1 release updates Who This Book Is For Software developers who have basic experience with .NET and C#, as well as some understanding of relational databases. Knowledge of predecessor technologies such as ADO.NET and the classic ADO.NET Entity Framework is not necessary to learn from this book.

Visual Basic Express and JAVA Programs - Jon Schiller 2009-12-21

The Author has been creating Visual Basic Programs for Options Trading while living in Spain starting in 1990. Your Author decided to write this book based on his writing new Options Trading programs using the most up to date Visual Basic downloaded from the Visual Basic Website & Java. The downloads from Microsoft & Java are free of charge. The first sections explain the steps I had to take to use Visual Basic Express & Java Programming & the Java Platform to supplement the information in the Help section. I will give three examples of possible uses of Visual Basic. One Example is a program that allows you to use my latest Options Trading software for trading OEX Weekly Options which were first introduced in the CBOE on 28 October 2005. I adapted my OEX options trading strategies to use these weekly options. I use the realtime quotes from DTN.IQ & the free delayed quotes from CBOE for the programs. The second section explains how to use Visual

Basic Express to prepare a PDF book document ready to submit to BookSurge/CreateSpace, subsidiary of Amazon.com & to Google Books Partner Program. The example can be easily adapted to fit any POD publisher's format. The third example is totally different: how to win the TransPac Yacht Race from Los Angeles to Honolulu.

Real-World Functional Programming - Tomas Petricek 2009-11-30

Functional programming languages like F#, Erlang, and Scala are attracting attention as an efficient way to handle the new requirements for programming multi-processor and high-availability applications. Microsoft's new F# is a true functional language and C# uses functional language features for LINQ and other recent advances. Real-World Functional Programming is a unique tutorial that explores the functional programming model through the F# and C# languages. The clearly presented ideas and examples teach readers how functional programming differs from other approaches. It explains how ideas look in F#-a functional language-as well as how they can be successfully used to solve programming problems in C#. Readers build on what they know about .NET and learn where a functional approach makes the most sense and how to apply it effectively in those cases. The reader should have a good working knowledge of C#. No prior exposure to F# or functional programming is required. Purchase of the print book comes with an offer of a free PDF, ePub, and Kindle eBook from Manning. Also available is all code from the book.

Beginning SQL Server 2005 Express Database Applications with Visual Basic Express and Visual Web Developer Express - Rick Dobson 2006-11-22

* First book to demonstrate the full Express Suite of tools to the point where the reader can develop effective, low-budget database applications for non-profit web sites or for commercial tactical solutions. * Will capture the wave of application developers migrating from traditional VB/Access database to the .NET approach. * Full cases studies showing how to build e-Commerce and Web applications. * Readers will gain a sufficient grasp of the SQL Server and .NET fundamentals that they can

readily grow their skills for clients whose needs escalate over time.

ADO.NET in a Nutshell - Bill Hamilton
2003-04-25

Written by experts on the Microsoft® .NET programming platform, ADO.NET in a Nutshell delivers everything .NET programmers will need to get a jump-start on ADO.NET technology or to sharpen their skills even further. In the tradition of O'Reilly's In a Nutshell Series, ADO.NET in a Nutshell is the most complete and concise source of ADO.NET information available. ADO.NET is the suite of data access technologies in the .NET Framework that developers use to build applications services accessing relational data and XML. Connecting to databases is a fundamental part of most applications, whether they are web, Windows®, distributed, client/server, XML Web Services, or something entirely different. But ADO.NET is substantially different from Microsoft's previous data access technologies--including the previous version of ADO--so even experienced developers need to understand the basics of the new disconnected model before they start programming with it. Current with the .NET Framework 1.1, ADO.NET in a Nutshell offers one place to look when you need help with anything related to this essential technology, including a reference to the ADO.NET namespaces and object model. In addition to being a valuable reference, this book provides a concise foundation for programming with ADO.NET and covers a variety of issues that programmers face when developing web applications or Web Services that rely on database access. Using C#, this book presents real world, practical examples that will help you put ADO.NET to work immediately. Topics covered in the book include: An Introduction to ADO.NET Connections, Commands and DataReaders Disconnected Data Advanced DataSets Transactions DataViews and Data Binding XML and the DataSet Included with the book is a Visual Studio .NET add-in that integrates the entire reference directly into your help files. When combining ADO.NET in a Nutshell with other books from O'Reilly's .NET In a Nutshell series, you'll have a comprehensive, detailed and independent reference collection that will help you become

more productive.

SQL Server Database Programming with Visual Basic.NET - Ying Bai 2020-06-01

A guide to the practical issues and applications in database programming with updated Visual Basic.NET SQL Server Database Programming with Visual Basic.NET offers a guide to the fundamental knowledge and practical techniques for the design and creation of professional database programs that can be used for real-world commercial and industrial applications. The author—a noted expert on the topic—uses the most current version of Visual Basic.NET, Visual Basic.NET 2017 with Visual Studio.NET 2017. In addition, he introduces the updated SQL Server database and Microsoft SQL Server 2017 Express. All sample program projects can be run in the most updated version, Visual Basic.NET 2019 with Visual Studio.NET 2019. Written in an accessible, down-to-earth style, the author explains how to build a sample database using the SQL Server management system and Microsoft SQL Server Management Studio 2018. The latest version of ASP.NET, ASP.NET 4.7, is also discussed to provide the most up-to-date Web database programming technologies. This important book: Offers illustrative practical examples and detailed descriptions to aid in comprehension of the material presented Includes both fundamental and advanced database programming techniques Integrates images into associated database tables using a DevExpress UI tools -WindowsUI Written for graduate and senior undergraduate students studying database implementations and programming courses, SQL Server Database Programming with Visual Basic.NET shows how to develop professional and practical database programs in Visual Basic.NET 2017/Visual Basic.NET 2019.

Professional Silverlight 2 for ASP.NET Developers - Jonathan Swift 2009-04-15

Our overarching goal in writing this book was to give ASP.NET developers the power to quickly and easily create visually stunning Internet applications, coupled with rich interactivity to fully immerse the user in a new online experience. Silverlight gives you everything you need to do just this, and in serious style! As well as taking you through each feature that ships with Silverlight, this book will make sure you're

able to debug, troubleshoot, and performance-tune your Silverlight applications, as well as seamlessly hook into your existing ASP.NET architecture and code base. This book is aimed at .NET developers and architects who want to quickly get up to speed with all that Silverlight 2 has to offer. As well as covering the breadth of features that Silverlight 2 provides, this book makes a point of demonstrating where necessary how the particular feature can be integrated tightly with the ASP.NET host application. An example is in Chapter 7, where the ASP.NET Profile service is utilized directly from within Silverlight to obtain user-specific data. It's fair to say that although this book is aimed at ASP.NET developers, it covers all of the salient features of Silverlight 2 to the degree that it's a useful programming resource for developers not using ASP.NET also. If you're fresh to .NET development, however, you might want to check out a beginning .NET book first, to help you overcome the syntax and set-up queries when learning a new language. Otherwise, take a deep breath and dive in! This book covers the full feature set of Silverlight 2, diving into each of the subject areas to give depth and breadth coverage. As well as teaching you about the component parts of the Silverlight API, the book also covers debugging, troubleshooting, and performance-tuning your Silverlight applications, arming you with all the skills and knowledge you'll need to create advanced Silverlight-based applications in record time. Importantly, this book covers the integration points between ASP.NET and Silverlight, taking you through the different techniques you can use to seamlessly augment your existing or new ASP.NET web sites with the power of Silverlight. If you want to program in Silverlight and potentially use ASP.NET as the host, then this book covers it all. The book is split into two distinct parts. Part I is titled "Silverlight Fundamentals for ASP.NET Developers," and Part II is titled "Developing ASP.NET Applications with Silverlight." Part I is intended to give you grounding in what Silverlight is as a technology and how it fits into the Web-based landscape. The component pieces of a Silverlight application are also laid out at a high level, and any knowledge required before putting an application together is explained. Part II is

written to give you depth of knowledge across the Silverlight feature-set and show you how to leverage the power of both Silverlight and ASP.NET to create compelling applications. A brief synopsis of the content follows: "Silverlight in a Nutshell"—This will teach you at a high level what Silverlight is and how it can help you deliver engaging, immersive web applications. Differentiating Silverlight from other Web-based technologies is also covered here, and a description of the required development environment is provided. In short, after reading this, you'll be able to describe Silverlight and explain why you'd want to use it and what gives it the edge over the competition. "Silverlight Architecture"—Silverlight allows you to rapidly build a well-rounded application with a great user interface, but if you encounter any problems during development, it is going to be important for you to unders

Pro Vue.js 2 - Adam Freeman 2018-09-10

Explore Vue.js to take advantage of the capabilities of modern browsers and devices using the fastest-growing framework for building dynamic JavaScript applications. You will work with the power of the Model-View-Controller (MVC) pattern on the client, creating a strong foundation for complex and rich web apps. Best-selling author Adam Freeman explains how to get the most from Vue.js 2. He begins by describing the MVC pattern and the benefits it can offer. He then shows you how to use Vue.js in your projects, starting from the nuts and bolts and building up to the most advanced and sophisticated features, going in-depth to give you the knowledge you need. Chapters include common problems and how to avoid them. What You'll Learn Gain a solid architectural understanding of the MVC pattern Create rich and dynamic web app clients using Vue.js 2 Extend and customize Vue.js Test your Vue.js projects Who This Book Is For JavaScript developers who want to use Vue.js to create dynamic client-side applications

.NET 4 Wrox PDF Bundle - Bill Evjen 2010-09-17

The books included in this set are:

9780470502204 Professional ASP.NET 4: in C# and VB: Written by three highly recognized and regarded ASP.NET experts, this book provides comprehensive coverage on ASP.NET 4 with a unique approach featuring examples in both C#

and VB, as is the incomparable coverage of core ASP.NET. After a fast-paced refresher on essentials such as server controls, the book delves into expert coverage of all the latest capabilities of ASP.NET 4. 9780470502259 Professional C# 4 and .NET 4: After a quick refresher on C# basics, the author dream team moves on to provide you with details of language and framework features including LINQ, LINQ to SQL, LINQ to XML, WCF, WPF, Workflow, and Generics. Coverage also spans ASP.NET programming with C#, working in Visual Studio 2010 with C#, and more. With this book, you'll quickly get up to date on all the newest capabilities of C# 4. 9780470548653

Professional Visual Studio 2010: This book gets you quickly up to speed on what you can expect from Visual Studio 2010. Packed with helpful examples, this comprehensive guide explains examines the features of Visual Studio 2010, which allows you to create and manage programming projects for the Windows platform. It walks you through every facet of the Integrated Development Environment (IDE), from common tasks and functions to its powerful tools 9780470499832 Visual Basic 2010

Programmer's Reference: This reference guide provides you with a broad, solid understanding of essential Visual Basic 2010 topics and clearly explains how to use this powerful programming language to perform a variety of tasks. As a tutorial, the book describes the Visual Basic language and covers essential Visual Basic topics. The material presents categorized information regarding specific operations and reveals useful tips, tricks, and tidbits to help you make the most of the new Visual Basic 2010. 9780470477229 WPF Programmer's Reference:

Windows Presentation Foundation with C# 2010 and .NET 4: Written by a leading expert on Microsoft graphics programming, this richly illustrated book provides an introduction to WPF development and explains fundamental WPF concepts. It is packed with helpful examples and progresses through a range of topics that gradually increase in their complexity. 9780470257029 Professional SQL Server 2008

Programming: This expanded best-seller includes new coverage of SQL Server 2008's new datatypes, new indexing structures, manageability features, and advanced time-zone

handling. As an added bonus, also includes Professional SQL Server 2005 Programmers for .NET 4 developers still working in a SQL Server 2005 setting.

Pro Visual Studio LightSwitch 2011

Development - Tim Leung 2012-06-13

Microsoft Visual Studio LightSwitch 2011 is a rapid application deployment tool that lets power users and administrators build data-centric business applications for the desktop, cloud, and Web in just a few clicks, with no code required. But more advanced developers and business users will hunger for more: how do you design complex screens? How do you query data using LINQ and other syntax structures? How do you secure your application? Pro Visual Studio LightSwitch 2011 Development answers these questions and more as authors Tim Leung and Yann Duran—both awarded Microsoft 2011 Community Contributor Awards for their LightSwitch expertise—cover this breakthrough product and its operations and structure under the covers. For serious developers building, enhancing and deploying advanced business applications using LightSwitch, Pro Visual Studio LightSwitch 2011 Development is the guide for going beyond the "click-and-you're-done" interface, while still maintaining the elegance and convenience of rapid application development.

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.

Visual Studio Lightswitch 2012 - Tim Leung
2013-07-29

This book covers LightSwitch 2012, a part of the Visual Studio 2012 package, that is a rapid application deployment tool letting power users and administrators build data-centric business applications for the desktop, cloud, and Web in just a few clicks, with no code required. It covers advanced features and light-coding solutions that users will hunger for soon after they begin building applications.

Pro ASP.NET MVC 3 Framework - Adam Freeman
2011-08-06

The ASP.NET MVC 3 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 4. In this third 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.