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Beginning C# 7 Programming with Visual Studio 2017 Benjamin Perkins 2018-03-20 Easily get started programming using the ultra-versatile C# 7 and Visual Studio 2017 Beginning C# 7 Programming with Visual Studio 2017 is the beginner's ultimate guide to the world's most popular programming language. Whether you're new to programming entirely, or just new to C#, there has never been a better time to get started. The new C# 7 and Visual Studio 2017 updates feature a number of new tools and features that streamline the workflow, simplify the code, and make it easier than ever to build high-quality apps. This book walks you through everything you need to know, starting from the very basics, to have you programming in no time. You'll learn about variables, flow control, and object oriented programming, then move into Web and Windows programming as well as databases and XML. The companion website provides downloadable code examples, and practical Try It Out sections provide explicit, step-by-step instructions for writing your own useful, customizable code. C# 7 can be used to build Windows applications, program Windows 10, and write Web apps when used alongside ASP.NET. With programming skills becoming de rigueur in fields far beyond the tech world, C# 7 is a great place to start building versatile, helpful skills. This book gets you started quickly and easily with instruction from a master-team of C# programmers. Learn how to program using the world's leading programming language Build smarter, faster apps using the latest features in C# 7 and Visual Studio 2017 Find and fix bugs sooner, saving headaches down the line Integrate with all .NET Core,

Azure applications, cloud services, Docker containers, and more The world of programming can seem intimidating to a beginner, and the prospect of learning a whole new "language" can seem daunting. Beginning C# 7 Programming with Visual Studio 2017 demystifies the process and shows you how to bring your ideas to life. The .NET and COM Interoperability Handbook Alan Gordon 2003 COM/COM+. and .NET will need to interoperate for a long time to come as companies undergo the migration to .NET. Gordon's book is a natural fit for anyone with COM applications that need to work with .NET, as it provides practical migration advice for developers moving their applications from COM/COM+ to .NET.
Visual Studio 2010 All-in-One For Dummies Andrew Moore 2010-06-03 A comprehensive, easy-to-understand guide to Visual Studio 2010 Visual Studio is Microsoft's comprehensive development environment that encompasses the .NET Framework, various programming languages, and ASP.NET. Programmers love it for developing applications for mobile devices and the Web. Because Visual Studio can be complex, the All-in-One For Dummies format makes it easy for beginners to grasp its different parts and get up to speed. Visual Studio is a development environment used with various programming languages to create a variety of applications, including those for the Web and mobile devices The updated Visual Studio 2010 features new emphasis on development for Windows 7, cloud computing, and enhanced Web and Silverlight Visual Studio 2010 All-in-One For Dummies shows how to build applications using the enhanced productivity features of Visual Studio 2010 Minibooks cover a Visual Studio

overview, getting started, building Windows 7 and cloud applications, data access, coding, and other IDE details Ideal for new programmers or Java programmers who want to become proficient with Visual Studio Visual Studio 2010 All-in-One For Dummies provides both a great instruction book for new programmers and a valuable reference for the more experienced.

Professional Visual Studio 2015 Bruce Johnson 2015-09-08 This guide focuses on advanced topics and demonstrates the new features of the integrated development environment. Readers will learn the powerful and fascinating techniques without repetitive pedagogical concepts, and without feeling the burden of 'information overload'

Professional Visual Studio 2012 Bruce Johnson 2012-11-28 The ultimate developers' guide to Visual Studio 2012 This expert Wrox guide is what you need to get up and running quickly on Visual Studio 2012. Written by a Microsoft Visual C# MVP, it guides you through the integrated development environment (IDE), showing you how to maximize all new tools and improvements. Offers programmers a fast way to IDE-centric programming success Demonstrates new IDE features, including the new Metro style app project templates and Windows 8 app store features Explains each feature, then illustrates the context in which it will help you solve problems Covers timely and essential topics related to rich client app development, web applications, application services, file configuration, debugging and testing, and more Helps advanced users customize and extend Visual Studio through the Automation Model, writing macros, working with the Managed Extensibility Framework (MEF), and more Provides ample detail for programmers who are new to Visual Studio 2012, as well as for experienced programmers exploring the advanced capabilities of the IDE Professional Visual Studio 2012 uses a unique, IDE-centric approach to help you get up and running quickly on this exciting new release.

Mastering Visual Studio .NET Ian Griffiths 2003 A detailed handbook for experienced developers explains how to get the most out of Microsoft's Visual Studio .NET, offering helpful guidelines on how to use its integrated develpment environment, start-up templates, and other features and tools to create a variety of applications, including Web services. Original. (Advanced)

Doing Objects in Visual Basic 2005 Deborah Kurata 2007-02-20 Doing Objects in Visual Basic 2005 is the authoritative guide to object-oriented design, architecture, and development with Visual Basic 2005. Author Deborah Kurata is the original pioneer in building object-oriented applications with Visual Basic. In this book she continues to offer clarity and deliver best practices for using object-oriented techniques in Visual Basic 2005. She has been honored with Microsoft's prestigious MVP designation for her expertise and contributions to the community. Kurata begins with a concise introduction to core object-oriented concepts and the Visual Basic 2005 features that support them. Next she introduces a pragmatic and agile approach to designing effective applications along with an application framework. From there she walks you through the process of building the user interface, business logic, and data access layers of an application, highlighting key VB 2005 techniques and best practices. Kurata's step-by-step "building along" activities provide you with deep hands-on mastery; your finished application can serve as the starting point for virtually any custom project. This book Shows how the tools in Visual Studio 2005 combined with a solid object-oriented approach can help minimize the complexities of software development and improve productivity Clearly explains the fundamental concepts of object development: classes, inheritance, interfaces, scenarios, and more Presents a pragmatic agile software design methodology to help analyze and design applications for the real world Covers building the user interface layer using a base form class, programmatic interfaces, and object binding Details building the business logic layer using a base business object class and validation rules Demonstrates how to build the data access layer using ADO.NET Provides best practices and tips for experienced .NET developers, those new to .NET, and for those developers moving from VB6 to .NET

Professional ASP.NET 2.0 Bill Evjen 2005-10-13 All new, for ASP.NET 2.0, this bestselling book provides experienced developers with real-world examples of the powerful new time-saving, code-

saving features in this new version. Seasoned author and International .NET Association founder Bill Evjen along with Scott Hanselman help developers make a smooth transition to this new version of ASP.NET with their clear explanations of even the most dramatic changes. Helpful examples in both VB and C# clearly show how to build ASP.NET 2.0 applications. Some of the key chapters and topics you'll find in this book include: 4 chapters on server controls, including an entire chapter dedicated to the controls that are new to ASP.NET 2.0 A chapter each on the new Master Pages and Themes/Skins features in ASP.NET 2.0 2 chapters on data presentation Data Management with ADO.NET discussing some of the radical ASP.NET 2.0 changes incorporated in ADO.NET Personalization, Membership, and Role Management A complete chapter on Portal Frameworks and the popular new Web Parts functionality of ASP.NET 2.0 Security beyond the built in membership and role management features Caching including the new SQL cache invalidation feature in ASP.NET 2.0 Proper debugging and error handling techniques for your applications Building your own server controls and HttpHandlers Business Objects, Mobile Development, XML Web Services Configuring, Administering, managing, packaging, and deploying ASP.NET 2.0 Applications According to Brian Goldfarb, Microsoft Product Manager - Web Platform and Tools Division, this book "... is a solid one, Professional ASP.NET 2.0 and I recommend to anyone who is serious about working with VS 2005 and ASP.NET 2.0 -- Bill Evjen, Scott Hanselman, Farhan Muhammad, Devin Rader, Srinivasa Sivakumar all did a fantastic job putting together a great read with easy to understand examples and high-quality guidance. This is a must-have for every ASP.NET developers bookshelf (I already have 2 on mine :))"

Beginning Visual C# 2005 Karli Watson 2005-12-02
Visual Studio Hacks James Avery 2005-03-23 "Tips and tools for turbocharging the IDE"-- Cover.
C# 2008 Programmer's Reference Wei-Meng Lee 2009-04-03
The Debugger's Handbook J.F. DiMarzio 2016-04-19 For today's programmers, it is impossible to foresee every input, every usage scenario, and every combination of applications that can cause errors when run simultaneously. Given all of these unknowns, writing absolutely bug-free code is unachievable. But it is possible, with the right knowledge, to produce nearly bug-free code and The Debugger's H
C# 10 Pocket Reference Joseph Albahari 2022-01-18 Looking for quick answers for using C# 10? This tightly focused and practical guide tells you exactly what you need to know without long intros or bloated samples. Succinct and easy to browse, this pocket reference is an ideal quick source of information. If you know Java, C++, or an earlier C# version, this guide will help you get rapidly up to speed. All programs and code snippets are available as interactive samples in LINQPad. You can edit these samples and instantly see the results without needing to set up projects in Visual Studio. Written by the authors of C# 9.0 in a Nutshell, this pocket reference covers: C# fundamentals and features new to C# 10 Advanced topics like operator overloading, type constraints, nullable types, operator lifting, closures, patterns, and asynchronous functions LINQ: sequences, lazy execution, standard query operators, and query expressions Unsafe code and pointers, custom attributes, preprocessor directives, and XML documentation
C# 5.0 Programmer's Reference Rod Stephens 2014-04-22 Stay ahead of the game with this comprehensive guide to the C# programming language Well-known C# expert Rod Stephens gives novice and experienced developers a comprehensive tutorial and reference to standard C#. This new title fully covers the latest C# language standard, C# 5.0, as well as its implementation in the 2013 release of Visual Studio. The author provides exercises and solutions; and his C# Helper website will provide readers and students with ongoing support. This resource is packed with tips, tricks, tutorials, examples, and exercises and is the perfect professional companion for programmers who want to stay ahead of the game. Author Rod Stephens is a well-known programming authority and has written more than 25 programming books covering C#, Java, VB, and other languages. His books have sold

more than 150,000 copies in multiple editions. This book's useful exercises and solutions are designed to support training and higher education adoptions. Learn the full range of C# programming language features Quickly locate information for specific language features in the reference section Familiarize yourself with handling data types, variables, constants, and much more Experiment with editing and debugging code and using LINQ Beginning through intermediate-level programmers will benefit from the accessible style of C# 5.0 Programmer's Reference and will have access to its comprehensive range of more advanced topics. Additional support and complementary material are provided at the C# Helper website, www.csharphelper.com. Stay up-to-date and improve your programming skills with this invaluable resource.

Visual Basic 2012 Unleashed Alessandro Del Sole 2013-01-17 Normal 0 false false false MicrosoftInternetExplorer4 Fully updated for Windows 8 support, .NET 4.5, and Windows Phone development, this is the most comprehensive, practical reference to modern programming with Visual Basic 2012. Written by Visual Basic MVP Alessandro Del Sole, a long-time leader of the global VB community, this book illuminates the core of the VB language and demonstrates its effective use in many current programming scenarios. Del Sole covers both Visual Basic 2012 Professional Edition for professional developers and the Express Edition for hobbyists, novices, and students. Writing for VB programmers at all levels of experience, he walks through using VB 2012 for data access, Windows desktop/Windows Phone user interface development, networking, communication, and much more. For those moving from structured languages—including VB 6—Del Sole offers detailed guidance on building effective object-oriented code. He also demonstrates how to make the most of Microsoft's updated .NET 4.5 platform to write more robust and powerful software. Detailed information on how to... ¿ Understand the Visual Studio 2012 IDE, .NET Framework 4.5, and the anatomy of a VB 2012 application ¿ Debug VB applications and implement error handling and exceptions ¿ Build efficient object-oriented software with classes, objects, namespaces, and inheritance ¿ Work

with advanced object-oriented features, including interfaces, generics, delegates, events, and collections ¿ Access data with LINQ—including LINQ to Objects, SQL, DataSets, Entities, XML, and Parallel LINQ ¿ Build modern Windows applications with WPF ¿ Develop web-centric applications using ASP.NET, Silverlight 5, and Windows Azure Services cloud computing ¿ Use advanced .NET 4.5 platform capabilities, including asynchronous programming, multithreading, parallel programming ¿ Build apps for Windows Phone ¿ Test code with unit tests, TDD, and code contracts ¿ Deploy apps efficiently with InstallShield for Visual Studio and ClickOnce

Visual Basic 2010 Unleashed Alessandro Del Sole 2010-05-07 Visual Basic 2010 Unleashed is the most comprehensive, practical reference to modern object-oriented programming with Visual Basic 2010. Written by Visual Basic MVP Alessandro Del Sole, a long-time leader of the global VB community, this book illuminates the core of the VB language and demonstrates its effective use in a wide variety of programming scenarios. Del Sole covers both Visual Basic 2010 Professional Edition for professional developers and the Express Edition for hobbyists, novices, and students. Writing for VB programmers at all levels of experience, he walks through using VB 2010 for data access, user interface development, networking, communication, and many other tasks. For those moving from structured languages—including VB 6—he offers detailed guidance on building effective object-oriented code. He also demonstrates how to make the most of Microsoft's underlying .NET platform to write more robust and powerful software. This book's broad coverage includes advanced features such as generics and collections; a thorough introduction to the Visual Studio 2010 IDE and Visual Studio Team System; a full section on data access with ADO.NET and LINQ; practical overviews of WPF and WCF; coverage of web and cloud development with Silverlight and Azure; and advanced topics such as multithreading, testing, and deployment. Understand the Visual Studio 2010 IDE, .NET Framework 4.0, and the anatomy of a VB 2010 application Debug VB applications and implement error handling and exceptions Build

efficient object-oriented software with classes, objects, namespaces, and inheritance Work with advanced object-oriented features, including interfaces, generics, delegates, events, and collections Organize, create, and improve classes with the Visual Studio Class Designer Access data with LINQ—including LINQ to Objects, SQL, DataSets, Entities, XML, and Parallel LINQ Build modern Windows applications with WPF controls, brushes, styles, and templates Develop web-centric applications using ASP.NET, Silverlight, and Windows Azure Services cloud computing Create and consume WCF services and WCF Data Services Use advanced .NET 4.0 platform capabilities, including assemblies, multithreading, parallel programming, P/Invoke, and COM interoperability Perform advanced compilations with MSBuild Localize and globalize VB 2010 client applications

Visual Basic 2005 Matthew MacDonald 2005-05-02 To bring you up to speed with Visual Basic 2005, this practical book offers nearly 50 hands-on projects. Each one explores a new feature of the language, with emphasis on changes that can increase productivity, simplify programming tasks, and help you add new functionality to your applications. You get the goods straight from the masters in an informal, code-intensive style.

Pro Visual C++/CLI and the .NET 3.5 Platform Stephen R.G. Fraser 2009-01-18 Pro Visual C++/CLI and the .NET 3.5 Platform is about writing .NET applications using C++/CLI. While readers are learning the ins and outs of .NET application development, they will also be learning the syntax of C++, both old and new to .NET. Readers will also gain a good understanding of the .NET architecture. This is truly a .NET book applying C++ as its development language—not another C++ syntax book that happens to cover .NET.

Professional Visual Studio 2013 Bruce Johnson 2014-03-05 Comprehensive guide to Visual Studio 2013 Visual Studio is your essential tool for Windows programming. Visual Studio 2013 features important updates to the user interface and to productivity. In Professional Visual Studio 2013, author, Microsoft Certified Trainer, and Microsoft Visual C# MVP Bruce Johnson brings three decades of

industry experience to guide you through the update, and he doesn't just gloss over the basics. With his unique IDE-centric approach, he steers into the nooks and crannies to help you use Visual Studio 2013 to its maximum potential. Choose from more theme options, check out the new icons, and make your settings portable Step up your workflow with hover colors, auto brace completion, peek, and CodeLens Code ASP.NET faster than ever with new shortcuts Get acquainted with the new SharePoint 2013 environment Find your way around the new XAML editor for Windows Store apps Visual Studio 2013 includes better support for advanced debugging techniques, vast improvements to the visual database tools, and new support for UI testing for Windows Store apps. This update is the key to smoother, quicker programming, and Professional Visual Studio 2013 is your map to everything inside.

C# 6.0 in a Nutshell Joseph Albahari 2015-11-04 When you have a question about C♯ 6.0 or the .NET CLR, this bestselling guide has precisely the answers you need. Uniquely organized around concepts and use cases, this updated sixth edition includes completely revised and updated information on all the new C♯ 6.0 language features. Shaped by expert reviewers, this book has all you need to stay on track with C♯ 6.0. It's widely known as the definitive reference on the language. Get up to speed on C♯ language basics, including syntax, types, and variables; explore advanced topics such as unsafe code and type variance; dig deep into LINQ via three chapters dedicated to the topic; learn about code contracts, dynamic programming, and parallel programming; work with .NET features, including reflection, assemblies, memory management, security, I/O, XML, collections, networking, and native interoperability.

C# 8.0 in a Nutshell Joseph Albahari 2020-04-21 When you have questions about C# 8.0 or .NET Core, this best-selling guide has the answers you need. C# is a language of unusual flexibility and breadth, but with its continual growth there's so much more to learn. In the tradition of the O'Reilly Nutshell guides, this thoroughly updated edition is simply the best one-volume reference to the C# language available today. Organized around concepts and

use cases, C# 8.0 in a Nutshell provides intermediate and advanced programmers with a concise map of C# and .NET knowledge that also plumbs significant depths. Get up to speed on C#, from syntax and variables to advanced topics such as pointers, closures, and patterns Dig deep into LINQ with three chapters dedicated to the topic Explore concurrency and asynchrony, advanced threading, and parallel programming Work with .NET features, including regular expressions, networking, serialization, spans, reflection, and cryptography Delve into Roslyn, the modular C# compiler as a service

Professional Visual Studio 2008 Nick Randolph 2011-01-31 Professional Visual Studio 2008 Microsoft Visual Studio 2008 is the latest version in the ongoing evolution of the Integrated Development Environment (IDE), and this resource examines the diverse facets of the IDE—from common tasks to intricate functions to the powerful tools that accompany the main code editing and design windows. Written by a unique author duo and offering an in-depth look at the powerful and fascinating features and techniques of the IDE, this book explores each aspect of the development life cycle from the perspective of how Visual Studio 2008 can make your life easier. Each chapter is packed with examples that illustrate uses for various tools, commands, and shortcuts of Visual Studio 2008. You will gradually learn to identify where a feature is used, conclude how you can use it to its fullest potential, and then seamlessly apply that feature to help solve real-world problems. Professional Visual Studio 2005 Andrew Parsons 2006-08-28 Taking a unique IDE-centric approach, well-respected authors examine the IDE capabilities readers will need to perform specific tasks, demonstrated in the context of building XML Web services The only book on the topic that introduces each characteristic of the IDE followed by an example of the context in which that feature is used Covers creating custom templates and wizards, reusing code and lightweight code generators, dynamically generating forms through reflections, managing data in the IDE, using the SQL designer to write stored procedures, debugging ASP.NET Web forms, and much more
NET for Visual FoxPro Developers Kevin

McNeish 2002 Designed to introduce Visual FoxPro programmers to the software development tools of .NET, this informative handbook provides a detailed overview of the .NET framework and the C# and Visual Basic .NET languages and covers such tpics as .NET business objectives, building Web applications with ASP .NET, .NET XML, and troubleshooting and debugging in .NET. Original. (Advanced) C# 4.0 in a Nutshell Joseph Albahari 2010-01-20 What people are saying about C# 4.0 in a Nutshell "C# 4.0 in a Nutshell is one of the few books I keep on my desk as a quick reference. It is a book I recommend."--Scott Guthrie, Corporate Vice President, .NET Developer Platform, Microsoft Corporation "A must-read for a concise but thorough examination of the parallel programming features in the .NET Framework 4."--Stephen Toub, Parallel Computing Platform Program Manager, Microsoft "This wonderful book is a great reference for developers of all levels."-- Chris Burrows, C# Compiler Team, Microsoft When you have questions about how to use C# 4.0 or the .NET CLR, this highly acclaimed bestseller has precisely the answers you need. Uniquely organized around concepts and use cases, this fourth edition includes in-depth coverage of new C# topics such as parallel programming, code contracts, dynamic programming, security, and COM interoperability. You'll also find updated information on LINQ, including examples that work with both LINQ to SQL and Entity Framework. This book has all the essential details to keep you on track with C# 4.0. Get up to speed on C# language basics, including syntax, types, and variables Explore advanced topics such as unsafe code and preprocessor directives Learn C# 4.0 features such as dynamic binding, type parameter variance, and optional and named parameters Work with .NET 4's rich set of features for parallel programming, code contracts, and the code security model Learn .NET topics, including XML, collections, I/O and networking, memory management, reflection, attributes, security, and native interoperability
Beginning C# 6 Programming with Visual Studio 2015 Benjamin Perkins 2016-01-04 Get started with Visual C# programming with this great beginner's guide Beginning C# 6

Programming with Visual Studio 2015 provides step-by-step directions for programming with C# in the .NET framework. Beginning with programming essentials, such as variables, flow control, and object-oriented programming, this authoritative text moves into more complicated topics, such as web and Windows programming and data access within both database and XML environments. After your introduction to each of the chapters, you are invited to apply your newfound knowledge in Try it Out sections, which reinforce learning and help you understand the practical applications of the new concepts you have explored. Through this approach, you can write useful programming code following each of the steps that you explore in this essential text. Discover the basics of programming with C#, such as variables, expressions, flow control, and functions Discuss how to keep your program running smoothly through debugging and error handling Understand how to navigate your way through key programming elements, such as classes, class members, collections, comparisons, and conversions Explore object-oriented programming, web programming, and Windows programming Beginning C# 6 Programming with Visual Studio 2015 is a fundamental resource for any programmers who are new to the C# language.

Windows Developer Power Tools James Avery 2007-06-26 A wealth of open and free software is available today for Windows developers who want to extend the development environment, reduce development effort, and increase productivity. This encyclopedic guide explores more than 100 free and open source tools available to programmers who build applications for Windows desktops and servers.

Professional UML Using Visual Studio .Net Andrew Filev 2005-10-28 What is this book about? If you want to use Visio to create enterprise software, this is the book for you. The integration of Visual Studio .NET Enterprise Architect and Visio for Enterprise Architects provides a formidable tool. Visio offers powerful diagramming capabilities, including such things as creating UML models, mapping out databases with Entity Relationship diagrams, and aiding the development of distributed systems. Its integration with Visual Studio .NET Enterprise

Architect means that C# or Visual Basic .NET code can be generated from the UML diagrams, and Visual Studio .NET projects can be reverse engineered to UML models. For the developer already familiar with UML and looking to get the best out of Visio, the Visual Studio .NET and Visio for Enterprise Architects combination is weakly documented, and the quality information needed to realize the time-saving features of Visio just does not seem to be available, until now. This book presumes that you are already familiar with the basic concepts of UML notation — this book will not teach you UML. Instead, this book will take you forward into the Visio environment, showing you how to make the most of its software related features. What does this book cover? In this book, you'll learn how to Diagram business components in Visio Generate code from a UML model Reverse engineer Visual Studio .NET projects into a UML model Reverse engineer into a UML model without source code Document the project with UML and Visio Design distributed applications with Visio's diagrams Work with Entity Relationship database modeling, and round-trip engineering for database design

Pro Visual C++/CLI and the .NET 2.0 Platform Stephen R.G. Fraser 2006-11-22 Based on newest version of Visual Studio .NET (2005) and .NET Framework version 2.0 All topic areas include specific code examples Bridges the gap between classic C++ and Visual C++ .NET Update of a highly successful first edition

ASP.NET 2.0 Beta Preview Bill Evjen 2004-08-05 What is this book about? ASP.NET 2 Beta Preview is timed to coincide with the first widespread beta release of ASP.NET "Whidbey" — the new version of Microsoft's popular technology for creating dynamic Web sites that pull unique information for each visitor rather that showing everyone the same static HTML pages. The book gets developers up to speed with the new features and capabilities that ASP.NET 2.0 provides. Developers will learn how to build ASP.NET 2.0 applications for themselves from the examples that the book provides. This book is for ASP.NET developers making the transition to this new version of the technology. The changes are many, and in some cases, they're quite dramatic. The book spends a good deal of time alerting you to all that has

changed and explaining what you need to know to make the transition to ASP.NET 2.0. Finally, the book focuses on both the Visual Basic .NET and C# developer. Examples throughout the book do not favor one developer over another. Instead, every example is provided in both languages.

Visual Basic 2015 Unleashed Alessandro Del Sole 2015-07-25 Using Visual Basic 2015, developers can build cutting-edge applications that run practically anywhere: on Windows desktops, new Windows 10 devices, in mobile and cloud environments, and beyond. Visual Basic 2015 Unleashed is the most comprehensive, practical reference to modern programming with VB 2015. Long-time Visual Basic MVP Alessandro Del Sole walks you through the latest version of the language, helping you thoroughly master its most valuable features, most powerful programming techniques, and most effective development patterns. Next, he shows how to use Visual Basic 2015 to build robust, effective software in a wide range of environments. Extensively updated for Visual Basic 2015's major improvements, this guide covers both Visual Basic 2015 Professional Edition for professional developers and the free Community Edition for hobbyists, novices, and students. Del Sole has added detailed coverage of building new universal Windows apps for Windows 10 and using new Visual Studio 2015 capabilities to supercharge your productivity as a developer. If you want to leverage all of VB 2015's power, this is the book you need. Detailed information on how to... Understand the Visual Studio 2015 IDE, .NET Framework 4.6 and the new .NET Core 5, and the anatomy of a VB 2015 application Debug VB applications and implement error handling and exceptions Keep your code clean and well-organized with VB 2015's new refactoring tools Master modern VB object development: namespaces, modules, structures, enums, inheritance, interfaces, generics, delegates, events, collections, iterators, and more Share Visual Basic code with Portable Class Libraries and Shared Projects Access data with LINQ and ADO.NET Entity Framework Manipulate XML documents with LINQ and XML Literals Build and deploy applications to run in the Microsoft Azure cloud Develop universal Windows apps that run on any

Windows 10 device Use advanced .NET 4.6 platform capabilities, including async and parallel programming, multithreading, assemblies, reflection, and coding attributes Leverage new compiler APIs to write custom domain-specific live code analysis rules Test code with unit tests and TDD Deploy apps efficiently with InstallShield for Visual Studio and ClickOnce

Pro Visual Studio .NET Kunal Cheda 2004-08-30 * This book offers a clear path of discovery into VS .NET to get you comfortable with it and then demonstrates how to effectively tweak it to the development need. * Very well received original edition : >9000 sales before liquidation forced de-stock. * Offers a look forward to Visual Studio.NET (Whidbey). * Joins with our family of Visual Studio.NET books from Apress: This book + 1590590260 Writing Add-Ins for Visual Studio.NET (Les Smith)+ 1-59059-042-2 Enterprise Development with Visual Studio .NET, UML, and MSF (Hansen, Thomsen).

Learning C# 2005 Jesse Liberty 2006-02-21 If you're a novice programmer and you want to learn C#, there aren't many books that will guide you. Most C# books are written for experienced C++ and Java programmers.That's why Jesse Liberty, author of the best-selling books Programming C# and Programming ASP.NET, has written an entry-level guide to C#. Written in a warm and friendly manner, Learning C# assumes no prior programming experience, and provides a thorough introduction to Microsoft's premier .NET language. The book helps you build a solid foundation in .NET, and shows you how to apply your skills through the use of dozens of tested examples. You'll learn about the syntax and structure of the C# language, including operators, classes and interfaces, structs, arrays, and strings. Better yet, this updated edition of Learning C# has been completely revised to include the latest additions to the C# language plus a variety of learning aids to help lock-in new knowledge and skills. Here's what's new: Extensive revisions to the text and examples to reflect C# 2005 and .NET 2.0 changes An introduction to Visual Studio 2005, the most popular tool for building Windows and web applications More than 200 questions and fully

debugged programming exercises with solutions A greater emphasis on event handling New coverage of generics, generic collections, partial classes, anonymous methods and more. By the time you've finished Learning C#, you'll be ready to move on to a more advanced programming guide that will help you create large-scale web and Windows applications. Whether you have a little object-oriented programming experience or you are new to programming altogether, Learning C# will set you firmly on your way to mastering the essentials of the C# language.

.NET Gotchas Venkat Subramaniam 2005-05-24 Like most complex tasks, .NET programming is fraught with potential costly, and time-consuming hazards. The millions of Microsoft developers worldwide who create applications for the .NET platform can attest to that. Thankfully there's now a book that shows you how to avoid such costly and time-consuming mistakes. It's called .NET Gotchas.The ultimate guide for efficient, pain-free coding, .NET Gotchas from O'Reilly contains 75 common .NET programming pitfalls--and advice on how to work around them. It will help you steer away from those mistakes that cause application performance problems, or so taint code that it just doesn't work right.The book is organized into nine chapters, each focusing on those features and constructs of the .NET platform that consistently baffle developers. Within each chapter are several "gotchas," with detailed examples, discussions, and guidelines for avoiding them. No doubt about it, when applied, these concise presentations of best practices will help you lead a more productive, stress-free existence.What's more, because code examples are written in both VB.NET and C#, .NET Gotchas is of interest to more than 75 percent of the growing numbers of .NET programmers. So if you're a .NET developer who's mired in the trenches and yearning for a better way, this book is most definitely for you.

Expert One-on-One Visual Basic 2005 Design and Development Rod Stephens 2007-02-03 Get ready to take your applications to the next level by harnessing all of Visual Basic 2005's tools for programming, debugging, and refactoring code. In this hands-on book, you'll get proven techniques for developing even the most complex Visual Basic applications. Expert tips on modeling, user interface design, and testing will help you master the advanced features of this language. You'll learn how to make writing code more effective so that you can quickly develop and maintain your own amazingly powerful applications.

Continuous Integration in .NET Craig Berntson 2011-03-13 Continuous integration is a software engineering process designed to minimize "integration hell." It's a coordinated development approach that blends the best practices in software delivery. For .NET developers, especially, adopting these new approaches and the tools that support them can require rethinking the development process altogether. Continuous Integration in .NET is a tutorial for developers and team leads that teaches readers how to re-imagine their development strategy by creating a consistent continuous integration process. This book shows how to build on the tools they already know - .NET Framework and Visual Studio - and to use powerful software like MSBuild, Subversion, TFS 2010, Team City, CruiseControl.NET, NUnit, and Selenium. 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.

A Programmer's Guide to ADO.NET in C# Mahesh Chand 2002-04-17 A Programmer's Guide to ADO.NET in C# begins by taking readers through a fast-paced overview of C# and then delves into ADO.NET. Why should C# programmers use it instead of the existing technologies? What new functionality does it offer? The chapters that follow go through the details on each of the major Data Providers of the .NET platform (OleDb, SQL Server, and ODBC) that enable you to read and write data to the targeted database. These chapters also serve as a good reference for looking up detailed methods and properties for these data provider classes. Authors Chand and Gold also show C# programmers how to work with XML classes and how to integrate XML into the ADO.NET architecture. The book provides programmers with handy ideas about taking advantage of the VS.NET IDE and how you can tie your data to the myriad of powerful controls including the multi-faceted Data Grid. Finally, it goes through

creating a guest book application for the Web so you can see how all the pieces fit together.

Professional Visual Studio 2010 Nick Randolph 2010-07-09 In Professional Visual Studio 2010, developers will find a fast route to IDE programming success. The authors zero in on advanced topics and demonstrate the new features of the IDE, including code snippets, refactoring, and patterns. Covering the latest .NET Framework 4 and Visual Studio 2010 with a unique IDE-centric approach, the book has been revised to include a discussion of Visual Studio's recent major overhaul. The illustrative examples included will help bring both novice and experienced developers up to speed quickly.

C# in a Nutshell Peter Drayton 2003 Offers a reference to key C# programming concepts covering language elements, syntax, datatypes, and tasks.

Visual Studio 2008 All-In-One Desk Reference For Dummies Richard C. Leinecker 2011-02-09 Visual Studio 2008 is packed with features that help you create better software and do it with less repetition and drudgery. Visual Studio 2008 All-In-One Desk Reference For Dummies shows you how to make the most of this cool suite of tools! It's all here! This comprehensive, seven-books-in-one guide gets you up and running with Visual Studio 2008 in no time. You'll discover Microsoft's vision for Visual Studio, get familiar with the .Net environment and languages, and learn how to install, browse, and make connections with Visual Studio. Soon, you'll be building applications for Vista, Office 2007, and mobile devices; using AJAX and LINQ; and testing and debugging your programs. Discover how to: Understand Visual Studio's role in software development Work with .Net languages Develop applications for Vista Build smart client interfaces Use the visual data designer Use Ajax controls Streamline application deployment Debug your applications Explore ASP. NET services Work with strongly typed data sets Access data with Visual Studio Program with Visual Studio 2008 Build professional reports with Crystal Reports Fully updated with new information on Vista and .NET Framework 3.0 development, MS Office application development, and more, Visual Studio 2008 All-In-One Desk Reference For Dummies also features a companion Web site packed with sample projects, supplemental podcasts, and a support forum. You'll never find a smarter way to get up to speed with Visual Studio 2008!