

Microsoft Visual Studio Manual

Microsoft Visual C++ Owner's Manual

The official user's guide to Microsoft Visual C++, New Edition, introducing the Developer Studio components and explaining the fundamentals of efficiently creating projects and developing software--the key piece of the core documentation set for VC++ programmers. The CD includes example applications, reusable code for components, controls and other projects.

Microsoft Visual Basic 6.0

Your hands-on guide to Visual C# fundamentals Expand your expertise—and teach yourself the fundamentals of Microsoft Visual C# 2013. If you have previous programming experience but are new to Visual C# 2013, this tutorial delivers the step-by-step guidance and coding exercises you need to master core topics and techniques. Discover how to: Create and debug C# applications in Visual Studio 2013 Work with variables, identifiers, statements, operators, and methods Create interfaces and define abstract classes Write robust code that can catch and handle exceptions Display and edit data using data binding with Microsoft ADO.NET Entity Framework Respond to user input and touchscreen gestures Handle events arising from multiple sources Develop your first Windows 8.1 apps

Microsoft Visual C# 2013 Step by Step

Preparing for opportunities in computer programming This set provides Wiley Pathways Introduction to Programming Using Visual Basic with the supplementary program manual. The main text helps you master programming fundamentals. You'll also be guided in developing core skills, such as writing code, using variables and constants, managing data lists, reusing code, designing a user interface and more. It aids you in understanding how to program with Microsoft Visual Studio and Microsoft Visual Basic 2005. The book's companion manual is a practical guide with projects to strengthen your knowledge of programming concepts. You'll advance skills in a variety of areas, such as debugging applications, creating a web page and forms, or converting data types. Projects range from simple to advanced.

Wiley Pathways Introduction to Programming Using Visual Basic with Project Manual Set

Visual Studio 2013 is one of the most sophisticated integrated development environments in the world today. With hundreds of features and several different editions available, it can be hard to learn your way around, and hard to know whether you're using it to its full potential. Visual Studio Condensed gives you a quick and systematic guide to the features that matter most, tagged clearly according to their availability. The book starts by familiarizing you with the main features of Visual Studio and how to configure the user interface depending on your needs. You'll then dive into each key developer tool in turn, starting with the editor window and going through the navigation pane, documentation, and the NuGet package manager. Debugging is a difficult skill to master with a range of approaches and tools at your disposal, so you'll see how to make best use of breakpoints, the debugging windows, tracing and managed memory analysis, as well as tips and tricks on advanced debugging techniques that can make a real difference to your productivity. Visual Studio 2013 comes with sophisticated code improvement tools. You can visualize relationships in your code with the Code Map feature, find duplicated code to maximize your code reuse, and use Visual Studio's inbuilt list of metrics to figure out just how healthy your code is and how difficult or easy it will be to maintain. Testing is also made easy with unit testing and web performance tests as well as a Test Manager to organize your tests into test plans and suites. The final chapters of the book cover team work with Team Foundation Server, framework-specific features, and how to build your own Visual Studio extensions. Visual Studio Condensed is the ideal manual for busy developers who just want to get on with what matters: writing code. Whether you're new to Visual Studio or brushing up on the latest features, this book will get you up to speed in no time.

Visual Studio Condensed

Teach yourself Visual C# 2010-one step at a time. Ideal for developers with fundamental programming skills, this practical tutorial features learn-by-doing exercises that demonstrate how, when, and why to use the features of the C# rapid application development environment. You'll learn how to use Microsoft Visual Studio 2010 and Microsoft .NET Framework 4.0; develop a solid, fundamental understanding of C# language features; and then get to work creating actual components and working applications for the Windows operating system. You'll also delve into data management technologies and Web-based applications.

Microsoft Visual C# 2010 Step by Step

Takes developers step-by-step through the process of customizing Visual Studio to allow easier and faster incorporation of specialized subroutines, UI elements, and other components Shows how to customize the development environment for macros and add-ins created in any .NET-hosted language from Visual Studio to Perl, Delphi, COBOL, and Eiffel Supplies readers with the only print documentation available on all the Macro IDE menu commands Companion Web site includes all the source code and executables for the book

Developing Visual Studio .NET Macros and Add-Ins

Essential Skills--Made Easy! Written by a Microsoft MVP and Visual Studio expert, this hands-on guide gets you started with the latest release of Microsoft's flagship Integrated Development Environment (IDE). Microsoft Visual Studio 2010: A Beginner's Guide shows you how to build applications from the ground up, covering C#, VB.NET, ASP.NET, Silverlight, Windows Presentation Foundation (WPF), and Windows Communication Foundation (WCF). You'll also learn how to customize the IDE, adding your own tools that integrate with Visual Studio 2010, and edit and debug your applications. Designed for Easy Learning Key Skills & Concepts--Chapter-opening lists of specific skills covered in the chapter Notes--Extra information related to the topic being covered Tips--Helpful reminders or alternate ways of doing things Annotated Syntax--Example code with commentary that describes the programming techniques being illustrated Joe Mayo is an independent consultant, specializing in Microsoft.NET technologies. He is the author of LINQ Programming and other books. Joe is also the recipient of multiple Microsoft MVP awards.

ALS Microsoft Visual Basic . NET Programming Essentials Lab Manual

Your expert guide to building modern applications with Visual Basic 2010 Take control of Visual Basic 2010—for everything from basic Windows and web development to advanced multithreaded applications. Written by Visual Basic experts, this handbook provides an in-depth reference on language concepts and features, as well as scenario-based guidance for putting Visual Basic to work. It's ideal whether you're creating new applications with Visual Basic 2010 or upgrading projects built with an earlier version of the language. Discover how to: Use Visual Basic 2010 for Windows Forms and Windows Presentation Foundation projects Build robust code using object-oriented programming techniques, such as classes and types Work with events and delegates—and add your own events to custom classes Program arrays, collections, and other data structures in the Microsoft .NET Framework Solve problems quickly and easily using My namespace in Visual Basic Dive into Microsoft LINQ, including LINQ to XML and LINQ to Entities Tackle threading, multitasking, and multiprocessor

development and debugging

Microsoft Visual Studio 2010: A Beginner's Guide

Market_Desc: Ideal for developers with fundamental programming skills. About The Book: Teach yourself Visual C# 2010-one step at a time. Ideal for developers with fundamental programming skills, this practical tutorial features learn-by-doing exercises that demonstrate how, when, and why to use the features of the C# rapid application development environment. You'll learn how to use Microsoft Visual Studio® 2010 and Microsoft .NET Framework 4.0; develop a solid, fundamental understanding of C# language features; and then get to work creating actual components and working applications for the Windows® operating system. You'll also delve into data management technologies and Web-based applications.

Microsoft Visual Basic 2010 Developer's Handbook

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. In the Fifth Edition, Advanced Visual Basic 2010 helps those who are familiar with the fundamentals of Visual Basic 2010 programming harness its power for more advanced uses. Coverage of sophisticated tools and techniques used in the industry today include various database, ASP.NET, LINQ, WPF and Web Services topics. After studying the book and completing the programming exercises, students should be able to create small- to medium-sized Windows and Web applications that use databases. They will also gain essential concepts in object-oriented programming, event-driven programming, and test-driven development. Each subject is presented in an understandable style that makes this book a leader in the field.

MICROSOFT VISUAL C# 2010 STEP BY STEP (With CD)

Providing programmers and developers of all skill levels with a comprehensive tutorial and reference to Visual Basic (VB) 2008, Microsoft MVP Rod Stephens presents a broad, solid understanding of essential topics on the latest version of VB. He explains the forms, controls, and other objects that VB furnishes for building applications in a modern windows environment. Plus, he examines the powerful development environment that makes VB such a productive language, and he delves into the VB language itself to show you how to use it to perform an array of important development tasks. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

Advanced Visual Basic 2010

A team of Microsoft insiders shows programmers how to use Visual Studio 2005 Team System, the new suite of products from Microsoft that can be used for software modeling, design, testing, and deployment. Focuses on practical application of the tools on code samples, development scenarios, and automation scripting. This timely book serves as both as a step-by-step guide and as a reference for modeling, designing, and coordinating enterprise solutions at every level using Team System. The book begins with an overview of Team System and then offers nuts-and-bolts guidance on practical implementation. Code examples are provided in both VB.NET and C#.

Visual Basic 2008 Programmer's Reference

For introductory courses in Visual Basic Programming, offered in departments of Information Technology, Computer Science or Business. Merging the concept of a lab manual with that of a conventional textbook, the Deitels have crafted an innovative approach that enables students to learn programming while having a mentor-like book by their side. This best-seller blends the Deitel(tm) signature Live-Code(tm) Approach with their Application-Driven(tm) methodology. Students learn programming and Visual Basic by working through a set of applications. Each tutorial builds upon previously learned concepts while learning new ones. An abundance of self-assessment exercises are available at the end of most chapters to reinforce key ideas. This approach makes it possible to cover a wealth of programming constructs within the Visual Basic 2008 environment. Key topics include Language Integrated Query (LINQ), Visual Programming, Framework Class Library (FCL), Controls (Buttons, TextBoxes, ListBoxes, Timers, ComboBoxes, RadioButtons, Menus, Dialogs), Event Handling, Debugger, Algorithms, Control Structures, Methods, Random-Number Generation, Arrays, Classes, Objects, Collections, Mouse & Keyboard Event Handling, Strings, Files, Database, Graphics, Multimedia, GUI Design and Web applications. Deitel accomplishes this by making highly technical topics as simple as possible. The Third Edition is fully updated for Visual Studio 2008, Visual Basic 2008 and .NET 3.5.

Professional Visual Studio 2005 Team System

Learn the details of the most highly recommended practices of software development using the latest version of Visual Studio 2015. Recommended practices are grouped by development phase and explained in far more detail than the typical tips and tricks compilations. This book also contains detailed coverage of recognized patterns and practices used to create software in a timely manner with expected quality in the context of using specific Visual Studio 2015 features. Creating software is part defined process and part empirical process. While there is no single "best" process to employ in all development scenarios, MVP author Peter Ritchie helps readers navigate the

complexity of development options and decide which techniques and Visual Studio 2015 features to use based on the needs of their particular project. Readers will learn practices such as those related to working in teams, design and architecture, refactoring, source code control workflows, unit testing, performance testing, coding practices, use of common patterns, code analysis, IDE extensions, and more. What You Will Learn Use patterns and practices within Visual Studio Implement practices of software creation Work in teams Develop workflows for software projects Who This Book Is For Beginning and intermediate software developers and architects

Simply Visual Basic 2008

Praise for The Visual Basic .NET Programming Language \ "There is no substitute to getting the inside scoop directly from a book written by the father of a programming language such as Bjarne Stroustrup for C++, James Gosling for Java and Alan Cooper for the original version of Visual Basic. Paul Vick, the father of Visual Basic .NET, explains the whys and hows of this exciting new language better than any other human being on the planet.\ " --Ted Pattison, Barracuda.NET \ "The Visual Basic .NET Programming Language includes nuances that in all my use and study of VB .NET, I haven't seen discussed anywhere else. For example, I learned that you can use the Imports statement to import an Enum name, so that you needn't refer to the enum in all its uses. In addition, I learned that the dictionary lookup operator, "!", works in VB .NET--I thought this one had been retired. In any case, if you're searching for a book that covers all the language syntax issues, and more, Paul Vick's book is a great place to look.\ " --Ken Getz, Senior Consultant, MCW Technologies, LLC \ "This book is an excellent stepping stone for Visual Basic developers wanting to get their toes wet in the .NET waters. Paul's presentation of the core topics all VB developers should tackle first is clear, concise, and unlike other books in the genre, does not overwhelm the reader. The VB6 vs. VB.NET task-oriented approach guides you through the new language and OO features, and then moves to basic threading and other CLR topics--as well as to the key points in the COM to .NET transition--in a well thought-out sequence. If you've been holding out on VB .NET, this is a great book to get you started.\ " --Klaus H. Probst, Sr. Consultant/Architect, Spherion Technology Services, Microsoft MVP \ "There is no shortage of VB .NET books in the market, but this is the only book straight from the creators. While that is an excellent reason in itself for reading this book, it is the brevity and clarity of the content, along with the examples, that makes this book a must-have.\ " --Amit Kalani, Developer \ "Overall, I liked this book and it definitely benefited me. I learned new things I didn't see anywhere else and I'll certainly put these to good use in the future. Paul's book makes a great reference manual for intermediate and advanced VB .NET developers.\ " --Philip Williams, System Engineer, LDC Direct \ "This book contains a lot of great information I

have seen nowhere else and addresses issues that other books do not.\" --Ethan Roberts, .NET Architect, General Casualty \"This book is full of useful information and provides a good historical background for the Visual Basic .NET Language.\" --Dave Vitter, Technical Lead Developer and author of Designing Visual Basic .NET Applications (Coriolis, 2001) The definitive Microsoft Visual Basic .NET reference-- authored by Visual Basic .NET's lead architect If you want to leverage all of VB .NET's immense power, get this book. It's the definitive VB .NET reference and tutorial, and the first Visual Basic book written by one of VB .NET's lead architects. No other book offers this much behind-the-scenes insight about why VB .NET works the way it does, how it evolved, and how you can make the most of it. The Visual Basic .NET Programming Language is a superb learning tool for new VB .NET programmers and a must-have reference for developers at every level. Paul Vick presents precise language descriptions, essential reference materials, practical insights, and hundreds of code samples, straight from Microsoft's VB .NET design team. Just some of the features include: A history and overview of Visual Basic's evolution into VB .NET Complete coverage of the language syntax Transitioning from COM to the CLR and leveraging the .NET platform Runtime functions Taking full advantage of VB .NET's object-oriented features Notes on style, design, and compatibility throughout the text Notes for the advanced user throughout the text Vick exposes VB .NET's most powerful capabilities with unprecedented depth and clarity, and packs this book with information you simply won't find anywhere else. Whether you're an experienced VB .NET programmer, upgrading from earlier versions of Visual Basic, or coming to Visual Basic and .NET for the first time, you'll find this book indispensable.

Practical Microsoft Visual Studio 2015

Visual Basic 6.0 Practiced :This manual is specially written for those who are interested in using Visual Basic 6.0 for developing Windows and database applications in the Computer Engineering and Information technology field. A variety of examples make learning Visual Basic Features concepts both fun and practical. This manual is organized in such a manner that students and programmers with prior knowledge of programming can find it easy, crisp and readable. KEY FEATURES Programming basics in Visual Basic 6.0 with Simple language has been adopted to make the topics easy and clear to the readers Topics have been covered with numerous illustrations and tested VB programs through Microsoft Visual Studio 6.0. Enough examples have been used to explain various Programming Constructs effectively. This manual also consists of tested programs so as to enable the readers to learn the logic of programming Use of various controls are simplified through real world applications. All Visual Basic 6.0 Standard Controls and important activex controls are covered. Samples are presented in easy to use way through Microsoft Visual Studio 6.0.

The Visual Basic .Net Programming Language

It will be a step-by-step tutorial that will discuss best practices. The book is structured in such a way that it can be read both from start to end or can be dipped into. .Net developers using Visual Studio for programming will find this book useful. If you are developing your application with C#, you will find better ways to do things with Visual Studio. You should know basics of development with .Net Framework and need working knowledge on Visual Studio

Visual Basic 6.0 Practiced

"Mastering Visual Studio: A Comprehensive Guide" is an in-depth and meticulously crafted resource for developers of all levels seeking to harness the full potential of Microsoft Visual Studio. This guidebook dives deep into the functionalities and features of Visual Studio, providing readers with the insights and tools necessary to elevate their software development projects. The book starts with a foundational understanding of Visual Studio, making it suitable for beginners, yet quickly moves into advanced topics, making it equally valuable for experienced developers. It offers a detailed exploration of the Visual Studio IDE, covering essential aspects such as the user interface, code editor, debugger, and solution explorer. The guide illuminates the intricacies of the .NET framework, discussing how to effectively leverage its capabilities in your projects. Readers will find comprehensive tutorials on C# programming within the Visual Studio environment, including best practices for writing clean, efficient, and error-free code. The book also delves into the powerful debugging tools provided by Visual Studio, ensuring that developers can quickly identify and resolve issues in their applications. Moreover, "Mastering Visual Studio" covers the latest features and updates, keeping you abreast of the evolving landscape of software development. It discusses the integration of various developer tools and extensions that enhance productivity and streamline the development process. Whether you're building desktop applications, mobile apps, or web services, this guide provides practical examples and step-by-step instructions to apply the concepts learned. The chapters on application development guide readers through the creation of real-world projects, offering valuable insights into the software development lifecycle, from conceptualization to deployment. Additionally, the book includes sections on collaborative features of Visual Studio, such as version control and team collaboration tools, crucial for modern development environments. This guide is not just a technical manual but a compendium of best practices and expert advice, empowering developers to utilize Visual Studio to its fullest. With clear explanations, practical examples, and a user-friendly approach, "Mastering Visual Studio: A Comprehensive Guide" is an essential tool for anyone looking to excel in the world of software development using Microsoft's flagship IDE.

Visual Studio 2010 Best Practices

Setting the standard for a premium C# reference, Microsoft Visual C# 2005 Unleashed provides practical examples for virtually every aspect of the C# programming language. The book is structured for progressive learning, so it can be read cover-to-cover or used as a comprehensive reference guide. You will be exposed to everything from low-level information on the Garbage Collector to advanced concepts, such as creating applications that use Enterprise Services, creating Web Services, and even advanced Windows GUI. Chapters include: Expressions and Control Structures UI Controls Code Access Security Remoting Peer-to-Peer Applications

Mastering Visual Studio

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.

Microsoft Visual C# 2005 Unleashed

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 2013

Your hands-on guide to Visual C++/CLI fundamentals Expand your expertise—and teach yourself the fundamentals of the Microsoft Visual C++/CLI language. If you have previous programming experience but are new to Visual C++, this tutorial delivers the step-by-step guidance and coding exercises you need to master core topics and techniques. Discover how to: Write and debug object-oriented C++ programs in Visual Studio 2012 Utilize the various features of the C++/CLI language Make use of the Microsoft .NET Framework Class Library Create a simple Windows Store app Use .NET features such as properties, delegates and events Access data from disparate sources using ADO.NET Create and consume web services using Windows Communication Foundation Work effectively with legacy code and COM

Professional Visual Studio 2008

As more software projects adopt a continuous delivery cycle, testing threatens to be the bottleneck in the process. Agile development frequently revisits each part of the source code, but every change requires a re-test of the product. While the skills of the manual tester are vital, purely manual testing can't keep up. Visual Studio 2012 provides many features that remove roadblocks in the testing and debugging process and also help speed up and automate retesting. This guide shows you how to record and play back manual tests to reproduce bugs and verify the fixes, transform manual tests into code to speed up re-testing, monitor your project in terms of tests passed, create and use effective unit tests, load, and performance tests, run build-deploy-test workflows on virtual lab environments, and evolve your testing process to satisfy the demands of agile and continuous delivery. You'll learn how to set up all the tools you need for testing in Visual Studio 2012 and 2010, including Team Foundation Server, the build system, test controllers and agents, SCVMM and Hyper-V. Each chapter is structured so that you can move gradually from entry-level to advanced usage.

Microsoft Visual C++/CLI Step by Step

Here's official documentation for the Microsoft® Visual C#® .NET language, including descriptions of all major features. This LANGUAGE REFERENCE is taken from Microsoft's electronic product documentation for Visual C# .NET. In its printed form, this material is portable, easy to use, and easy to browse—a comprehensive alternative to the substantial online help system in Visual C# .NET Standard software. Get the technical details you need to work with: Types Modifiers Statements Method parameters Namespaces Operator keywords Conversion keywords Access keywords

Literal keywords XML documentation Attributes Preprocessor directives

Microsoft Visual C++ 5.0 Programmer's Reference Set

The comprehensive guide to Visual Basic 2012 Microsoft Visual Basic (VB) is the most popular programming language in the world, with millions of lines of code used in businesses and applications of all types and sizes. In this edition of the bestselling Wrox guide, Visual Basic expert Rod Stephens offers novice and experienced developers a comprehensive tutorial and reference to Visual Basic 2012. This latest edition introduces major changes to the Visual Studio development platform, including support for developing mobile applications that can take advantage of the Windows 8 operating system. This new edition includes information on developing Win8-compatible Metro applications using pre-loaded templates Explores the new design features and support for WPF designers Explains how to develop Windows smartphone apps Covers new VB language features such as Async and Await Visual Basic 2012 Programmer's Reference is the programmer's go-to reference for the 2012 edition of Visual Basic.

Testing for Continuous Delivery with Visual Studio 2012

Get up to speed on Application Lifecycle Management (ALM) with Visual Studio 2010 through a combination of hands-on instruction and deep-dives. Microsoft has packed a lot of brand new testing and modeling tools into Visual Studio 2010, tools that previously were available only to Microsoft internal development teams. Developers will appreciate the focus on practical implementation techniques and best practices. A team of Microsoft insiders provides a nuts-and-bolts approach. This Wrox guide is designed as both a step-by-step guide and a reference for modeling, designing, and coordinating software development solutions at every level using Visual Studio 2010 and Visual Studio Team Foundation Server 2010. Visual Studio 2010 offers a complete lifecycle management system that covers modeling, testing, code analysis, collaboration, build and deployment tools.

Microsoft Visual C#.NET

"Using Visual Studio 97, Special Edition" is a complete reference and tutorial for developers who want to learn the new tools and features of this programming suite. The CD-ROM includes a Developer Library with reference works such as SEI ISAPI, plus all the code and applications from the book.

Visual Basic 2012 Programmer's Reference

Professional Visual Studio 2005 Programming is a book all about the power of Visual Studio 2005 and the development environment that makes up the core of this application. It explores each aspect of the development life cycle from a perspective of how Visual Studio 2005 can make a programmer's life easier. From common tasks and functions to the lesser used but powerful tools that accompany the main code editing and design windows, this book walks through every facet of the IDE (Integrated Development Environment). Rather than leaving the explanation of each area of the IDE as a simple description, every chapter illustrates real world usages for every tool, command and shortcut discussed so the reader can more easily apply what he or she learns as they go.

- The Integrated Development Environment
- Project and Solution Design
- Documentation and Research
- Security and Modeling
- Coding
- Automation
- Other Time Savers
- Build and Deployment
- Debugging and Testing
- Extensions for Visual Studio 2005

Professional Application Lifecycle Management with Visual Studio 2010

Visual Studio is a development IDE created by Microsoft to enable easier development for Microsoft programming languages as well as development technologies. It has been the most popular IDE for working with Microsoft development products for the past 10 years. Extensibility is a key feature of Visual Studio. There have not been many books written on this aspect of Visual Studio. Visual Studio Extensibility (VSX) can be considered a hard topic to learn for many developers in comparison with most .NET related topics. Also, its APIs are very complex and not very well written. Some may refer to these APIs as “dirty” because they do not have good structure, naming convention, or consistency. Visual Studio is now 10 years old. It was created during the COM days for COM programming but later migrated to .NET. However, Visual Studio still relies heavily on COM programming. It was revamped when moving to the .NET platform but still contains its COM nature; this fact is what makes it harder for .NET developers to work with VSX. Because it is an older product built on two technologies, it has produced inconsistency in code. Although there are problems with the current version of VSX, the future looks bright for it. The many different teams working on the software have been moved into one umbrella group known as the Visual Studio Ecosystem team. Throughout the past 10 years Visual Studio has continued to grow and new extensibility features have been added. Learning all of the options with their different purposes and implementations is not easy. Many extensibility features are broad topics such as add-ins, macros, and the new domain-specific language tools in Visual Studio. Learning these topics can be difficult because they are not closely related to general .NET programming topics. This book is for .NET developers who are interested in extending Visual Studio as their development tool. In order to understand

the book you must know the following material well: Object-oriented programming (OOP), the .NET Framework and .NET programming, C# or Visual Basic languages, some familiarity with C++, some familiarity with XML and its related topics, and Visual Studio structure and usage. A familiarity with COM programming and different .NET technologies is helpful. The aims of this book are to: Provide an overview of all aspects of VSX Enable readers to know where/when to use extensibility Familiarize readers with VS Extensibility in detail Show readers the first steps and let them learn through their own experiences Use examples, sample code, and case studies to demonstrate things in such a way that helps readers understand the concepts Avoid bothering readers with long discussions and useless code samples In order to use this book, and get the most out of it, there are some technical requirements. You must have the following two packages installed on your machine to be able to read/understand the chapters and test code samples: Visual Studio 2008 Team System Edition (or other commercial editions) Visual Studio 2008 SDK 1.0 (or its newer versions) You will need to buy Visual Studio 2008 to register for an evaluation version. The Free Express editions of Visual Studio do not support the extensibility options. The Visual Studio SDK is needed in order to read some of the chapters in the book and can be downloaded as a free package. The operating system doesn't matter for the content of the book, but all code was written with Visual Studio 2008 Team System Edition in Windows Vista x86. Chapters 1, 2, and 3 will give you an introduction to the basic concepts you need to understand before you can move on to the rest of the book. Chapter 4 discusses the automation model, which is an important prerequisite for many of the chapters in the book that focus on add-ins, macros, and VSPackages. Chapters 5-14 will utilize add-ins in a case study to learn about the main responsibilities of the automation model and some of the more common techniques used in VSX development. Each of the following chapters is dedicated to a specific extensibility option; they are independent of one another and you can read them in any order. It is important to read chapters 4-14 before you begin reading about the specific extensibility options. Chapter 5 contains a walk-through of the Add-in Wizard and describes its steps. Chapter 6 will show you the anatomy of add-ins and explain how to create add-ins and how they work. Chapter 7 discusses how to manipulate solutions, projects, and project items via your code to build add-ins. Chapter 8 shows you how to deal with documents and code editors in your add-ins. Chapter 9 explains how to work with programming codes and how to manipulate their elements. Chapter 10 describes some ways to work with user interface elements, Windows Forms, and controls via code in your add-ins. Chapter 11 discusses the Tools Options page and uses add-ins as the case study to show you how to create your own Tools Options pages. Chapter 12 teaches you how to debug and test your add-ins. Chapter 13 shows you how to deploy your add-ins. Chapter 14 completes the discussion about add-ins by talk about resources and localization of add-ins. Chapter 15 discusses a new feature in VS 2008: the Visual Studio Shell. Chapter 16 talks about domain-specific language tools; you will learn how to build

them and see a quick overview of DSL tools. Chapter 17 discusses debugging and how to extend debugging features. Chapter 18 talks about VSPackages as a way to extend VS functionality and add something new to its existing packages. Chapter 19 teaches you what a code snippet is and how to write and manage code snippets in Visual Studio to make your coding process easier. Chapter 20 talks about VS project templates and starter kits and how to write your own project templates. Chapter 21 focuses on MSBuild and writing custom builds for Visual Studio and .NET applications. Chapter 22 discusses Visual Studio macros in detail and explains how to build a Visual Studio macro. Keyvan Nayyeri is a software architect and developer. He has a Bachelor of Science degree in applied mathematics. His main focus is on Microsoft development technologies and their related markup languages. Nayyeri is also a team leader and developer for several .NET open-source projects; this includes writing code for special purposes. He holds an MVP award for Comunnity Server. He recently co-authored Wrox Professional Community Server (2007).

Using Microsoft Visual Studio

Visual Basic 2012 Made Easy is written by Dr. Liew, the webmaster of our popular online Visual Basic Tutorial, vbtutor.net. This book is a complete guide to mastering Visual Basic 2012, from beginner to intermediate programmers. This book has been written to complement our free online Visual Basic 2012 tutorial with much more content. It is also an excellent reference text for high school or college-level computer science courses. Reading this book will allow you to:

- Understand the basic concepts of Visual Basic 2012 programming
- Create your own Visual Basic 2012 applications from scratch
- Get inspiration from a variety of interesting sample programs
- Modify the code samples easily to suit your needs
- Learn how to package and distribute your applications

Professional Visual Studio 2005

Software Engineering with Microsoft Visual Studio Team System is written for any software team that is considering running a software project using Visual Studio Team System (VSTS), or evaluating modern software development practices for its use. It is about the value-up paradigm of software development, which forms the basis of VSTS: its guiding ideas, why they are presented in certain ways, and how they fit into the process of managing the software lifecycle. This book is the next best thing to having an onsite coach who can lead the team through a consistent set of processes. Sam Guckenheimer has been the chief customer advocate for VSTS, responsible for its end-to-end external design. He has written this book as a framework for thinking about software projects in a way that can be directly toolled by VSTS. It presents essential theory and practical examples to describe a realistic process for IT projects. Readers

will learn what they need to know to get started with VSTS, including The role of the value-up paradigm (versus work-down) in the software development lifecycle, and the meanings and importance of “flow” The use of MSF for Agile Software Development and MSF for CMMI Process Improvement Work items for planning and managing backlog in VSTS Multidimensional, daily metrics to maintain project flow and enable estimation Creating requirements using personas and scenarios Project management with iterations, trustworthy transparency, and friction-free metrics Architectural design using a value-up view, service-oriented architecture, constraints, and qualities of service Development with unit tests, code coverage, profiling, and build automation Testing for customer value with scenarios, qualities of service, configurations, data, exploration, and metrics Effective bug reporting and bug assessment Troubleshooting a project: recognizing and correcting common pitfalls and antipatterns This is a book that any team using or considering VSTS should read.

Professional Visual Studio Extensibility

Market_Desc: This book is aimed at the enthusiastic novice programmer who is interested in C# and the .NET Framework. It is also for programmers who know .NET 1.0, and are interested in learning the drastically revised .NET 2.0, or Visual Studio 2005 release. Special Features: · New chapter coverage of C# features, including Generics, ObjectSpaces, .NET in SQL Server, ASP.NET 2.0, and Graphics with Direct X· All code and samples have been updated for Framework 2.0 and Visual Studio 2005· Special interest chapters to give introductions to additional technologies providing the reader with opportunities to explore new subjects· Extensions to existing example code and exercises to provide better links between the various sections of the book· Revised and updated for Framework 2.0 and Visual Studio 2005, this is the ideal introduction to programming in C# using Visual Studio and the .NET Framework· Highly structured tutorial that is packed with thorough examples and updated code, as well as exercises that help the reader test and fine-tune his/her development skills· Learn the powerful and fascinating features and techniques without feeling the burden of information overload. About The Book: The book is aimed at novice programmers who wish to learn programming with C# 2005 and the .NET framework. The book starts with absolute programming basics. It then moves into Web and Windows programming, data access (databases and XML), and more advanced technologies such as graphics programming with GDI+ and basic networking. The book makes complicated subjects seem easy to learn, and it inspires readers to investigate areas further on their own by providing references to additional material, and exercise questions that require significant effort and personal research to complete.

Visual Basic 2012 Made Easy

“This combined tutorial and reference describes VB 2005 from scratch, while also offering in-depth content for more advanced developers. Whether you're looking to learn the latest features of VB 2005 or you want a refresher of easily forgotten details, this book is an ideal resource. This book is for programmers at all levels who are either looking to learn Visual Basic 2005 or have already mastered it and want some useful tips, tricks, and language details.”--BOOK JACKET.

Software Engineering with Microsoft Visual Studio Team System

Complete coverage of all key .NET 4 and Visual Studio 2010 languages and technologies .NET 4 is Microsoft's latest version of their core programming platform, and Visual Studio 2010 is the toolset that helps write .NET 4 applications. This comprehensive resource offers one-stop shopping for all you need to know to get productive with .NET 4. Experienced author and .NET guru Mitchel Sellers reviews all the important new features of .NET 4, including .NET charting and ASP.NET charting, ASP.NET dynamic data and jQuery, and the addition of F# as a supported package language. The expansive coverage is divided into six distinctive parts for easy navigation, and addresses: Visual Studio 2010, .NET 4, ASP.NET, the C# language, the VB.NET language, and the new F# language. A practical approach and complete examples round out this much-needed reference. Focuses on the new and important features of the latest version Microsoft's core programming platform-.NET 4-as well as Visual Studio 2010, which allows you to write .NET 4 applications Provides comprehensive coverage divided into six parts: Visual Studio 2010, .NET 4, ASP.NET, the C# language, the VB.NET language, and the new F# language Discusses Visual Studio snippets and templates, .NET charting components, the .NET framework and WPF, LINQ, and the Entity framework Explores various aspects of Visual Basic 2010, such as multi-line lambdas, auto-implemented properties, nullable optional parameters, and more This investigative look at .NET 4 and Visual Studio 2010 will help you identify and isolate key elements that can benefit you immediately.

Beginning Visual C# 2005

Step-by-step guide to all the tools and extensions in the Visual Studio 2019 IDE
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.

KEY FEATURES

- Create and use custom IDE extensions
- Find, download, and use the best IDE extensions for web, mobile, Azure, and Windows
- Enhance programming experience and time with debugging tools
- Enhance coding capabilities with coding tools
- Test projects proactively
- Create powerful web, mobile, and Azure solutions for the real world

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

Visual Basic 2005 Programmer's Reference

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.

Visual Studio 2010 and .NET 4 Six-in-One

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

Visual Studio 2019 In Depth

Professional Visual Studio 2012

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