

[PDF] Visual Studio 2017 A Complete Walkthrough From Novice To Expert

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Mastering Visual Studio 2017-Kunal Chowdhury 2017-07-27 A guide to mastering Visual Studio 2017 About This Book Focus on coding with the new, improved, and powerful tools of VS 2017 Master improved debugging and unit testing support capabilities Accelerate cloud development with the built-in Azure tools Who This Book Is For .NET Developers who would like to master the new features of VS 2017, and would like to delve into newer areas such as cloud computing, would benefit from this book. Basic knowledge of previous versions of Visual Studio is assumed. What You Will Learn Learn what's new in the Visual Studio 2017 IDE, C# 7.0, and how it will help developers to improve their productivity Learn the workloads and components of the new installation wizard and how to use the online and offline installer Build stunning Windows apps using Windows Presentation Foundation (WPF) and Universal Windows Platform (UWP) tools Get familiar with .NET Core and learn how to build apps targeting this new framework Explore everything about NuGet packages Debug and test your applications using Visual Studio 2017 Accelerate cloud development with Microsoft Azure Integrate Visual Studio with most popular source control repositories, such as TFS and GitHub In Detail Visual Studio 2017 is the all-new IDE released by Microsoft for developers, targeting Microsoft and other platforms to build stunning Windows and web apps. Learning how to effectively use this technology can enhance your productivity while simplifying your most common tasks, allowing you more time to focus on your project. With this book, you will learn not only what VS2017 offers, but also what it takes to put it to work for your projects. Visual Studio 2017 is packed with improvements that increase productivity, and this book will get you started with the new features introduced in Visual Studio 2017 IDE and C# 7.0. Next, you will learn to use XAML tools to build classic WPF apps, and UWP tools to build apps targeting Windows 10. Later, you will learn about .NET Core and then explore NuGet, the package manager for the Microsoft development platform. Then, you will familiarize yourself with the debugging and live unit testing techniques that comes with the IDE. Finally, you'll adapt Microsoft's implementation of cloud computing with Azure, and the Visual Studio integration with Source Control repositories. Style and approach This comprehensive guide covers the advanced features of Visual Studio 2017, and communicates them through a practical approach to explore the underlying concepts of how, when, and why to use it.

Professional Visual Studio 2017-Bruce Johnson 2017-11-06 Skip the basics and delve right into Visual Studio 2017 advanced features and tools Professional Visual Studio 2017 is the industry-favorite guide to getting the most out of Microsoft's primary programming technology. From touring the new UI to exploiting advanced functionality, this book is designed to help professional developers become more productive. A unique IDE-centric approach provides a clear path through the typical workflow while exploring the nooks and crannies that can make your job easier. Visual Studio 2017 includes a host of features aimed at improving developer productivity and UI, and this book covers them all with clear explanation, new figures, and expert insight. Whether you're new to VS or just upgrading, this all-inclusive guide is an essential resource to keep within arm's reach. Visual Studio 2017 fixes the crucial issues that kept professionals from adopting VS 2015, and includes new features and tools that streamline the developer's job. This book provides the straightforward answers you need so you can get up to speed quickly and get back to work. Master the core functionality of Visual Studio 2017 Dig into the tools that make writing code easier Tailor the environment to your workflow, not the other way around Work your way through configuration, debugging, building, deployment, customizing, and more Microsoft is changing their release cadence—it's only been about two years since the last release—so developers need to quickly get a handle on new tools and features if they hope to remain productive. The 2017 release is designed specifically to help you get more done, in less time, with greater accuracy and attention to detail. If you're ready to get acquainted, Professional Visual Studio 2017 is your ideal guide.

Programming with Microsoft Visual Basic 2017-Diane Zak 2017-07-26 Readers learn to master the fundamentals of effective programming while working through Visual Basic 2017's latest features with a wealth of hands-on applications -- all placed in context within this book's engaging real-world setting. PROGRAMMING WITH MICROSOFT VISUAL BASIC 2017, 8E by best-selling technology author Diane Zak offers an ideal introduction to programming with a dynamic visual presentation, step-by-step tutorials, and strategically placed activity boxes. New hands-on applications, timely examples, and practical exercises address a variety of learning styles. Even readers with no prior programming experience can learn how to effectively plan and create interactive Visual Basic 2017 applications right away. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Building Web Applications with Visual Studio 2017-Philip Japikse 2017-07-08 Learn how to build web applications from three Microsoft MVPs. After building the data application layer using Entity Framework Core and a RESTful service using ASP.NET Core, you will then build the client side web application three ways: first, using ASP.NET Core, then using Angular 2, and, finally, using React. You will be able to compare and contrast these UI frameworks and select the best one for your needs. .NET Core is a complete rewrite of the popular .NET and its related frameworks. While many concepts are similar between .NET Core and the .NET 4.6 framework, there are revolutionary changes as well, including updates to Entity Framework Core and ASP.NET Core. The first section of this book covers the three main parts of building applications with C#: Entity Framework, ASP.NET Core Services, and ASP.NET Core Web Applications. There is also an explosion in popularity of JavaScript frameworks for client side development, and the authors cover two of the most popular UI frameworks. Start with TypeScript for developing clean JavaScript, along with a client side build tool such as Gulp, Grunt, and WebPack. Using the same data access layer and RESTful service from the .NET Core application, you can rebuild the UI using Angular 2. Then, repeat the process using React, for a true comparison of building client side applications using ASP.NET Core, Angular 2, and React. What You'll Learn Understand the fundamentals of .NET Core and what that means to the traditional .NET developer Build a data access layer with Entity Framework Core, a RESTful service with ASP.NET Core MVC, and a website with ASP.NET Core MVC and Bootstrap Automate many build tasks with client side build utilities Who This Book Is For Intermediate to advanced .NET developers

Beginning C# 7 Programming with Visual Studio 2017-Benjamin Perkins 2018-04-17 Written in a friendly, mentor-style fashion, with each chapter building on previous ones, this book is full of helpful hints, tips, exercises, and full-fledged example code, and will teach you about all aspects of C# programming quickly and easily. --

Visual Studio 2017-Robert Wilson 2017-06-08 Visual Studio 2017: An In-Depth Guide into The Essentials of Visual Studio from Beginner to Expert Visual Studio 2017 is a complete set of development tools that you can use to build desktop applications, mobile applications, XML Web Services and ASP.NET Web applications. In addition, languages like Visual C++, Visual Basic, and Visual C# use the same IDE (integrated development environment), which makes the process very simple in creating mixed-language solutions. Furthermore, these languages use the .Net Functions to provide access to all the technologies that simplify the development of ASP Web applications and XML Web Services. Download this book NOW and discover: How to get started with Visual Studio 2017 How to install Visual Studio 2017 How to get started with Visual C# How to get started with Jscript How to get started with ASP.NET How to get started with C++ How to get started with .NET Framework How to get started with

Visual Basics How to get started with Smart Device Projects The Visual Studio technologies and languages How to use team Foundation to manage development processes How to access date when using Visual Studio And Much, Much more! Download this book today and discover all that Visual Studio 2017 has to offer!

Beginning Visual Studio for Mac-Alessandro Del Sole 2017-10-24 Quickly learn how to get the most out of the Visual Studio for Mac integrated development environment (IDE). Microsoft has invested heavily to deliver their very best development tools and platforms to other operating systems. Visual Studio for Mac is a powerful developer tool that reinforces Microsoft's "mobile-first", "cloud-first", and "any developer, any platform, any device" strategy. With the author's guided expertise and extensive code samples, you will understand how to leverage the most useful tools in Visual Studio for Mac, the code editor, and the powerful debugger. You also will appreciate the author's guidance on collaborating with other team members using integrated tooling for the Git source control engine. Whether you are a Mac developer interested in cross-platform development or a Windows developer using a Mac, Beginning Visual Studio for Mac will quickly get you up to speed! What You'll Learn Prepare, configure, and debug in the Mac development environment Create cross-platform mobile apps for Android, iOS, and Windows with Xamarin and C# in Visual Studio for Mac Build cross-platform Web applications with .NET Core using Visual Studio for Mac Customize your productive and collaborative development environment Who This Book Is For Software developers using a Mac computer who want to build mobile or web applications that run on multiple operating systems

Visual Studio 2015 Succinctly-Alessandro Del Sole 2017-02-04 Microsoft Visual Studio 2015 is the new version of the widely-used integrated development environment for building modern, high-quality applications for a number of platforms such as Windows, the web, the cloud, and mobile devices. In Visual Studio 2015 Succinctly, author Alessandro Del Sole explains how to take advantage of the most useful of these highly anticipated features. Topics include sharing code between different types of projects, new options for debugging and diagnostics, and improving productivity with other services in the Visual Studio ecosystem, such as NuGet and Azure. Changes to the code editor and XAML editor are also covered, as well as updates for mobile development in Visual Studio.

Professional Visual Studio Extensibility-Keyvan Nayyeri 2008-03-24 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).

Visual Basic 2017 Made Easy-Dr.Liew Visual Basic 2017 Made Easy is written by Dr. Liew, the webmaster of the popular online Visual Basic Tutorial, vbtutor.net. This book is a complete guide to mastering Visual Basic 2017, for beginner to intermediate programmers. It is also an excellent reference text for high school or college-level computer science courses. Reading this book will allow you to: i) Understand the basic concepts of Visual Basic 2017 programming ii) Create your own Visual Basic 2017 applications from scratch iii) Get inspiration from a variety of interesting sample programs iv) Modify the code samples easily to suit your needs v) Learn how to package and distribute your applications

Professional C# 7 and .NET Core 2.0-Christian Nagel 2018-04-17 The professional's guide to C# 7, with expert guidance on the newest features Professional C# 7 and .NET Core 2.0 provides experienced programmers with the information they need to work effectively with the world's leading programming language. The latest C# update added many new features that help you get more done in less time, and this book is your ideal guide for getting up to speed quickly. C# 7 focuses on data consumption, code simplification, and performance, with new support for local functions, tuple types, record types, pattern matching, non-nullable reference types, immutable types, and better support for variables. Improvements to Visual Studio will bring significant changes to the way C# developers interact with the space, bringing .NET to non-Microsoft platforms and incorporating tools from other platforms like Docker, Gulp, and NPM. Guided by a leading .NET expert and steeped in real-world practicality, this guide is designed to get you up to date and back to work. With Microsoft speeding up its release

cadence while offering more significant improvement with each update, it has never been more important to get a handle on new tools and features quickly. This book is designed to do just that, and more—everything you need to know about C# is right here, in the single-volume resource on every developer's shelf. Tour the many new and enhanced features packed into C# 7 and .NET Core 2.0 Learn how the latest Visual Studio update makes developers' jobs easier Streamline your workflow with a new focus on code simplification and performance enhancement Delve into improvements made for localization, networking, diagnostics, deployments, and more Whether you're entirely new to C# or just transitioning to C# 7, having a solid grasp of the latest features allows you to exploit the language's full functionality to create robust, high-quality apps. Professional C# 7 and .NET Core 2.0 is the one-stop guide to everything you need to know.

Fundamentals of Computer Programming with C#-Svetlin Nakov 2013-09-01 The free book "Fundamentals of Computer Programming with C#" is a comprehensive computer programming tutorial that teaches programming, logical thinking, data structures and algorithms, problem solving and high quality code with lots of examples in C#. It starts with the first steps in programming and software development like variables, data types, conditional statements, loops and arrays and continues with other basic topics like methods, numeral systems, strings and string processing, exceptions, classes and objects. After the basics this fundamental programming book enters into more advanced programming topics like recursion, data structures (lists, trees, hash-tables and graphs), high-quality code, unit testing and refactoring, object-oriented principles (inheritance, abstraction, encapsulation and polymorphism) and their implementation the C# language. It also covers fundamental topics that each good developer should know like algorithm design, complexity of algorithms and problem solving. The book uses C# language and Visual Studio to illustrate the programming concepts and explains some C# / .NET specific technologies like lambda expressions, extension methods and LINQ. The book is written by a team of developers lead by Svetlin Nakov who has 20+ years practical software development experience. It teaches the major programming concepts and way of thinking needed to become a good software engineer and the C# language in the meantime. It is a great start for anyone who wants to become a skillful software engineer. The books does not teach technologies like databases, mobile and web development, but shows the true way to master the basics of programming regardless of the languages, technologies and tools. It is good for beginners and intermediate developers who want to put a solid base for a successful career in the software engineering industry. The book is accompanied by free video lessons, presentation slides and mind maps, as well as hundreds of exercises and live examples. Download the free C# programming book, videos, presentations and other resources from <http://introprogramming.info>. Title: Fundamentals of Computer Programming with C# (The Bulgarian C# Programming Book) ISBN: 9789544007737 ISBN-13: 978-954-400-773-7 (9789544007737) ISBN-10: 954-400-773-3 (9544007733) Author: Svetlin Nakov & Co. Pages: 1132 Language: English Published: Sofia, 2013 Publisher: Faber Publishing, Bulgaria Web site: <http://www.introprogramming.info> License: CC-Attribution-Share-Alike Tags: free, programming, book, computer programming, programming fundamentals, ebook, book programming, C#, CSharp, C# book, tutorial, C# tutorial; programming concepts, programming fundamentals, compiler, Visual Studio, .NET, .NET Framework, data types, variables, expressions, statements, console, conditional statements, control-flow logic, loops, arrays, numeral systems, methods, strings, text processing, StringBuilder, exceptions, exception handling, stack trace, streams, files, text files, linear data structures, list, linked list, stack, queue, tree, balanced tree, graph, depth-first search, DFS, breadth-first search, BFS, dictionaries, hash tables, associative arrays, sets, algorithms, sorting algorithm, searching algorithms, recursion, combinatorial algorithms, algorithm complexity, OOP, object-oriented programming, classes, objects, constructors, fields, properties, static members, abstraction, interfaces, encapsulation, inheritance, virtual methods, polymorphism, cohesion, coupling, enumerations, generics, namespaces, UML, design patterns, extension methods, anonymous types, lambda expressions, LINQ, code quality, high-quality code, high-quality classes, high-quality methods, code formatting, self-documenting code, code refactoring, problem solving, problem solving methodology, 9789544007737, 9544007733

Microsoft Visual Basic 2017 for Windows, Web, and Database Applications: Comprehensive-Corinne Hoisington 2017-06-29 Now readers can prepare for the number one job in today's tech sector -- app development -- as they learn the essentials of Microsoft Visual Basic. The step-by-step, visual approach and professional programming opportunities in MICROSOFT VISUAL BASIC 2017 FOR WINDOWS APPLICATIONS: INTRODUCTORY lay the initial groundwork for a successful degree or career in IT programming. Users gain a fundamental understanding of Windows programming for 2017. This edition's innovative approach blends visual

demonstrations of professional-quality programs with in-depth discussions of today's most effective programming concepts and techniques. Numerous real programming assignments in each chapter let readers practice what they've learned as this edition equips users to program independently at their best. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Visual Basic 6 Complete-Steve Brown 1999-05-11 Visual Basic 6 Complete is a one-of-a-kind computer book--valuable both for its broad content and its low price. This book contains the essentials you need to know about programming with Visual Basic and VBA, for use in building Windows applications, scripting, and extending and integrating Office applications. With Visual Basic 6 Complete, you'll learn all about building Visual Basic applications - from working with forms and controls to using the Windows API and debugging Web applications -- and you'll quickly take advantage of all that Visual Basic has to offer. Get up to speed with Visual Basic, then move on to scripting objects, VBA, and building internet applications and interactive Web sites. As you become more proficient with Visual Basic, you'll find the Visual Basic 6 Language Reference to be an invaluable daily tool. This comprehensive reference quickly puts every built-in function and statement at your fingertips. Visual Basic 6 Complete introduces you to the work of some of the finest Sybex authors, so you'll know where to go to learn even more about what's possible with Visual Basic. Inside: Introduction to Visual Basic * Mastering the Integrated Development Environment (IDE) * Working with forms and controls * Understanding object-oriented programming * Building sample VB applications Practical Visual Basic * Debugging Visual Basic applications * Extending VB with the Windows API * Accessing the Windows Registry * Building screen savers, and displaying an icon in the system tray with VB Visual Basic Scripting and the Internet * Adding scripting support to your application * Scripting objects * Building Web-based applications with VB Visual Basic for Applications * An Introduction to VBA * The Word Object model * The Access Object model revisited * Professional development with VBA Visual Basic References * Complete Visual Basic 6 Language Reference * Visual Basic 6 Function Reference

Visual Studio 2019 In Depth-Ockert J. du Preez 2019-09-18 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

MICROSOFT VISUAL C# 2010 STEP BY STEP (With CD)-John Sharp 2011-07-01 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.

Mastering Visual Studio 2017-Kunal Chowdhury 2017-07-27 A guide to mastering Visual Studio 2017 About This Book* Focus on coding with the new, improved, and powerful tools of VS 2017* Master improved debugging and unit testing support capabilities* Accelerate cloud development with the built-in Azure tools Who This Book Is For.NET Developers who would like to master the new features of VS 2017, and would like to delve into newer areas such as cloud computing, would benefit from this book. Basic knowledge of previous versions of Visual Studio is assumed. What You Will Learn* Learn what's new in the Visual Studio 2017 IDE, C# 7.0, and how it will help developers to improve their productivity* Learn the workloads and components of the new installation wizard and how to use the online and offline installer* Build stunning Windows apps using Windows Presentation Foundation (WPF) and Universal Windows Platform (UWP) tools* Get familiar with .NET Core and learn how to build apps targeting this new framework* Explore everything about NuGet packages* Debug and test your applications using Visual Studio 2017* Accelerate cloud development with Microsoft Azure* Integrate Visual Studio with most popular source control repositories, such as TFS and GitHub In Detail Visual Studio 2017 is the all-new IDE released by Microsoft for developers, targeting Microsoft and other platforms to build stunning Windows and web apps. Learning how to effectively use this technology can enhance your productivity while simplifying your most common tasks, allowing you more time to focus on your project. With this book, you will learn not only what VS2017 offers, but also what it takes to put it to work for your projects. Visual Studio 2017 is packed with improvements that increase productivity, and this book will get you started with the new features introduced in Visual Studio 2017 IDE and C# 7.0. Next, you will learn to use XAML tools to build classic WPF apps, and UWP tools to build apps targeting Windows 10. Later, you will learn about .NET Core and then explore NuGet, the package manager for the Microsoft development platform. Then, you will familiarize yourself with the debugging and live unit testing techniques that comes with the IDE. Finally, you'll adapt Microsoft's implementation of cloud computing with Azure, and the Visual Studio integration with Source Control repositories. Style and approach This comprehensive guide covers the advanced features of Visual Studio 2017, and communicates them through a practical approach to explore the underlying concepts of how, when, and why to use it.

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

Microsoft Visual Studio 2015 Unleashed-Lars Powers 2015-08-07 Microsoft Visual Studio 2015 empowers you to write next-generation applications for any modern environment: mobile, web, cloud, universal Windows 10/8.x, database, and beyond. This end-to-end deep dive will help working developers squeeze maximum productivity out of Microsoft's powerful new toolset. The authors combine authoritative and detailed information about Microsoft's latest IDE, with extensive insights and best practices drawn from decades of development experience. Developers will quickly get comfortable with Visual Studio 2015's updated interface, master its new capabilities, leverage its extensive new support for open standards, and discover multiple opportunities to leverage its .NET 4.6 platform and language improvements. By focusing entirely on Visual Studio 2015 Professional, the authors go deeper into Microsoft's core product than ever before. You'll find expert coverage of everything from debugging through deploying to Azure, IDE extension and automation through cross-platform mobile development. Throughout, this book's focus is relentlessly practical: how to apply Microsoft's tools to build better software, faster. Detailed information on how to... Master Visual Studio 2015's updated interface and key tools: Solutions, Projects, Browsers, Explorers, Editors, and Designers to improve productivity Develop robust cross-platform mobile apps for Windows, iOS, and Android using Apache Cordova templates for Visual Studio Use the new ASP.NET 5 to build modern web solutions that run on Windows, Mac, or Linux Develop Single Page Applications (SPAs) based on HTML5 and rich client-side JavaScript frameworks such as Knockout, AngularJS, Bootstrap, and more Accelerate cloud development with the Azure SDK, QuickStart templates, and Azure management portal Create mobile service solutions using ASP.NET Web API and WCF Streamline data development across multiple platforms with

Entity Framework 7 Develop modern Microsoft Office business applications Perform robust, automated unit testing as you code, increasing your confidence in changes and refactoring Extend the VS 2015 IDE and Code Editor by creating custom, productivity-enhancing solutions Download all examples and source code presented in this book from informit.com/title/9780672337369 as they become available.

Clearly Visual Basic: Programming with Microsoft Visual Basic 2010-Diane Zak 2011-08-31 If you want to learn the fundamentals of programming, don't get bogged down with pages of technical jargon that most books on the market offer! No previous Visual Studio experience required for CLEARLY VISUAL BASIC: PROGRAMMING WITH MICROSOFT VISUAL BASIC 2010, 2E by the best-selling author, Diane Zak. This innovative text is designed for a first course in programming teaching the basics through visualization and application. Using the most recent version of the software, Visual Basic 2010, beginners will learn solid programming principles and knowledge that is easily transferable to other languages. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Getting Started with Crystal Reports for Visual Studio 2010-Indera Murphy 2010 This book is specifically written for the version of Crystal Reports that is used with Visual Studio 2010. Written from the perspective that the reader has not created a report before or has not used Crystal Reports, this book is a self-paced visual guide and is for the beginner and intermediate user.

Professional Visual Studio 2015-Bruce Johnson 2015-08-19 In-depth coverage of the major Visual Studio 2015 revamp Professional Visual Studio 2015 is the leading pro's guide to new and upgraded features of Microsoft Visual Studio. With a unique IDE-centric approach and deep dive into the software's many nooks and crannies, this book will bring you up to speed quickly on everything Visual Studio 2015 has to offer. Whether you're new to Visual Studio or just upgrading, you'll appreciate in-depth, professional explanation of updates, features, and support. Visual Studio 2015 is packed with improvements that increase productivity, and this book walks you through each one in succession to help you smooth your workflow and get more accomplished. From customization and the interface to code snippets and debugging, the Visual Studio upgrade expands your options — and this book is your fast-track guide to getting on board quickly. The Visual Studios 2015 release fixes a number of issues that deterred many professionals from adopting VS 2013. Old products have been retooled, and new features are aimed at productivity enhancement and fixes to UI. Fully aligned with VS 2015, this guide walks you through the changes and helps you incorporate helpful new features into the way you work. Discover new options for themes, displays, and settings Learn the new workflow and shortcuts to ASP.NET code Master improved debugging and unit testing support capabilities Exploit changes to Windows STORE apps, phone apps, Azure, and SharePoint

New Features Xamarin and Visual Studio 2017-Kevin Ford 2017

SQL Server Database Programming with Visual Basic.NET-Ying Bai 2020-07-15 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.

Hands-On Functional Test Automation-Chaminda Chandrasekara 2019-05-02 Get started with functional testing of both web apps and Windows apps using different test frameworks. This book will take you on a deep dive into integrating functional automation testing with deployment pipelines. Hands-On Functional Test Automation contains step-by-step lessons that will give you an understanding of how to do functional test automation using Selenium with C# and Python. Also, you will learn how to enhance your test automation development with third-party frameworks. You will configure test clients, run functional tests through Azure DevOps release management, and carry out performance and load-testing to gain a good understanding of how to do cloud-based load testing. Each lesson comprises an introduction to the related concepts to help you understand how things work. This will broaden your knowledge so you can implement test automation in the correct way. At the end of each lesson alternative options and other enhancement possibilities are discussed to allow you to do further exploration. You will:

- Implement functional test automation of Windows and web applications
- Use Visual Studio for load and performance testing
- Configure and run cloud-based load testing
- Integrate testing with deployment pipelines

C# 7.0 All-in-One For Dummies-John Paul Mueller 2017-12-26 Sharpen your knowledge of C# C# know-how is a must if you want to be a professional Microsoft developer. It's also good to know a little C# if you're building tools for the web, mobile apps, or other development tasks. C# 7.0 All-in-One For Dummies offers a deep dive into C# for coders still learning the nuances of the valuable programming language. Pop it open to get an intro into coding with C#, how to design secure apps and databases, and even pointers on building web and mobile apps with C#. C# remains one of the most in-demand programming language skills. The language regularly ranks in the top five among "most in-demand" languages, typically along with Java/JavaScript, C++, and Python. A December 2016 ZDNet article noted "If your employer is a Microsoft developer, you better know C#." Lucky for you, this approachable, all-in-one guide is here to help you do just that—without ever breaking a sweat! Includes coverage of the latest changes to C# Shows you exactly what the language can (and can't) do Presents familiar tasks that you can accomplish with C# Provides insight into developing applications that provide protection against hackers If you have a basic understanding of coding and need to learn C#—or need a reference on the language in order to launch or further your career—look no further.

The Book of Visual Studio .NET-Robert B. Dunaway 2002 Covers topics such as integrating multiple .NET technologies, cross-language integration, versioning, database and monitoring tools for application development, accessing data, and COM+.

Visual Basic 2010 Made Easy-Liew Voon Kiong 2012-01-11 Visual Basic 2010 Made Easy is written by the webmaster of the popular online Visual Basic 2010 Tutorial, Dr.Liew. By reading this book, you can: i) Understand the basic concepts of Visual Basic 2010 programming ii) Create your own Visual Basic 2010 programs right from the beginning iii) Get programming ideas from many interesting sample Visual Basic programs. iv) Modify the codes easily to suit your needs. v) Learn how to package and distribute your visual basic 2010 applications.

The C# Player's Guide (eBook)-R. B. Whitaker 2012-09-27

Microsoft Power BI Complete Reference-Devin Knight 2018-12-21 Design, develop, and master efficient Power BI solutions for impactful business insights Key Features Get to grips with the fundamentals of Microsoft Power BI Combine data from multiple sources, create visuals, and publish reports across platforms Understand Power BI concepts with real-world use cases Book Description Microsoft Power BI Complete Reference Guide gets you started with business intelligence by showing you how to install the Power BI toolset, design effective data models, and build basic dashboards and visualizations that make your data come to life. In this Learning Path, you

will learn to create powerful interactive reports by visualizing your data and learn visualization styles, tips and tricks to bring your data to life. You will be able to administer your organization's Power BI environment to create and share dashboards. You will also be able to streamline deployment by implementing security and regular data refreshes. Next, you will delve deeper into the nuances of Power BI and handling projects. You will get acquainted with planning a Power BI project, development, and distribution of content, and deployment. You will learn to connect and extract data from various sources to create robust datasets, reports, and dashboards. Additionally, you will learn how to format reports and apply custom visuals, animation and analytics to further refine your data. By the end of this Learning Path, you will learn to implement the various Power BI tools such as on-premises gateway together along with staging and securely distributing content via apps. This Learning Path includes content from the following Packt products: Microsoft Power BI Quick Start Guide by Devin Knight et al. Mastering Microsoft Power BI by Brett Powell What you will learn Connect to data sources using both import and DirectQuery options Leverage built-in and custom visuals to design effective reports Administer a Power BI cloud tenant for your organization Deploy your Power BI Desktop files into the Power BI Report Server Build efficient data retrieval and transformation processes Who this book is for Microsoft Power BI Complete Reference Guide is for those who want to learn and use the Power BI features to extract maximum information and make intelligent decisions that boost their business. If you have a basic understanding of BI concepts and want to learn how to apply them using Microsoft Power BI, then Learning Path is for you. It consists of real-world examples on Power BI and goes deep into the technical issues, covers additional protocols, and much more.

Microsoft Visual C#: An Introduction to Object-Oriented Programming-Joyce Farrell 2017-07-26 Develop the strong programming skills needed for professional success with Farrell's MICROSOFT VISUAL C# 2017: AN INTRODUCTION TO OBJECT-ORIENTED PROGRAMMING, 7E. Approachable examples and a clear, straightforward style help readers build a solid understanding of both structured and object-oriented programming concepts. You Users master critical principles and techniques that easily transfer to other programming languages. This new edition incorporates the most recent versions of both C# and Visual Studio 2017 to ensure readers have the contemporary skills required in business today. Short You Do It hands-on features and a variety of new debugging exercises, programming exercises, and running case studies help users prepare for success in today's programming environment. Discover the latest tools and expertise for programming success in this new edition. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Pro C# 7-Andrew Troelsen 2017-11-21 This essential classic title provides a comprehensive foundation in the C# programming language and the frameworks it lives in. Now in its 8th edition, you'll find all the very latest C# 7.1 and .NET 4.7 features here, along with four brand new chapters on Microsoft's lightweight, cross-platform framework, .NET Core, up to and including .NET Core 2.0. Coverage of ASP.NET Core, Entity Framework (EF) Core, and more, sits alongside the latest updates to .NET, including Windows Presentation Foundation (WPF), Windows Communication Foundation (WCF), and ASP.NET MVC. Dive in and discover why Pro C# has been a favorite of C# developers worldwide for over 15 years. Gain a solid foundation in object-oriented development techniques, attributes and reflection, generics and collections as well as numerous advanced topics not found in other texts (such as CIL opcodes and emitting dynamic assemblies). With the help of this book you'll have the confidence to put C# into practice and explore the .NET universe on your own terms. What You Will Learn Discover the latest C# 7.1 features, from tuples to pattern matching Hit the ground running with Microsoft's lightweight, open source .NET Core platform, including ASP.NET Core MVC, ASP.NET Core web services, and Entity Framework Core Find complete coverage of XAML, .NET 4.7, and Visual Studio 2017 Understand the philosophy behind .NET and the new, cross-platform alternative, .NET Core

Professional Visual Studio 2017-Bruce Johnson 2017-11-06 Skip the basics and delve right into Visual Studio 2017 advanced features and tools Professional Visual Studio 2017 is the industry-favorite guide to getting the most out of Microsoft's primary programming technology. From touring the new UI to exploiting advanced functionality, this book is designed to help professional developers become more productive. A unique IDE-centric approach provides a clear path through the typical workflow while exploring the nooks and crannies that can make your job easier. Visual Studio 2017 includes a host of features aimed at improving developer productivity and UI, and this book covers them all with clear explanation, new figures, and expert insight. Whether you're new

to VS or just upgrading, this all-inclusive guide is an essential resource to keep within arm's reach. Visual Studio 2017 fixes the crucial issues that kept professionals from adopting VS 2015, and includes new features and tools that streamline the developer's job. This book provides the straightforward answers you need so you can get up to speed quickly and get back to work. Master the core functionality of Visual Studio 2017 Dig into the tools that make writing code easier Tailor the environment to your workflow, not the other way around Work your way through configuration, debugging, building, deployment, customizing, and more Microsoft is changing their release cadence—it's only been about two years since the last release—so developers need to quickly get a handle on new tools and features if they hope to remain productive. The 2017 release is designed specifically to help you get more done, in less time, with greater accuracy and attention to detail. If you're ready to get acquainted, Professional Visual Studio 2017 is your ideal guide.

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

Pro C# 7-Andrew Troelsen 2017-11-21 This essential classic title provides a comprehensive foundation in the C# programming language and the frameworks it lives in. Now in its 8th edition, you'll find all the very latest C# 7.1 and .NET 4.7 features here, along with four brand new chapters on Microsoft's lightweight, cross-platform framework, .NET Core, up to and including .NET Core 2.0. Coverage of ASP.NET Core, Entity Framework (EF) Core, and more, sits alongside the latest updates to .NET, including Windows Presentation Foundation (WPF), Windows Communication Foundation (WCF), and ASP.NET MVC. Dive in and discover why Pro C# has been a favorite of C# developers worldwide for over 15 years. Gain a solid foundation in object-oriented development techniques, attributes and reflection, generics and collections as well as numerous advanced topics not found in other texts (such as CIL opcodes and emitting dynamic assemblies). With the help of this book you'll have the confidence to put C# into practice and explore the .NET universe on your own terms. What You Will Learn Discover the latest C# 7.1 features, from tuples to pattern matching Hit the ground running with Microsoft's lightweight, open source .NET Core platform, including ASP.NET Core MVC, ASP.NET Core web services, and Entity Framework Core Find complete coverage of XAML, .NET 4.7, and Visual Studio 2017 Understand the philosophy behind .NET and the new, cross-platform alternative, .NET Core

Visual Basic 2013 Made Easy-Dr.Liew Voon Kiong 2014-12-21 Visual Basic 2013 Made Easy is written by the webmaster of the popular online Visual Basic Tutorial , Dr.Liew. By reading this book ,you can: i) Understand the

basic concepts of Visual Basic 2013 programming ii) Create your own Visual Basic 2013 programs right from the beginning iii) Get programming ideas from many interesting Visual Basic sample programs. iv) Modify the codes easily to suit your needs. This book can also be used as a text book for students who are taking Visual Basic courses or beginners. It can also be used as a reference book for teachers or lecturers who are teaching introductory computer programming courses.

The C# Player's Guide-R. B. Whitaker 2016-03-13 The C# Player's Guide (3rd Edition) is the ultimate guide for people starting out with C#, whether you are new to programming, or an experienced vet. This guide takes you from your journey's beginning, through the most challenging parts of programming in C#, and does so in a way that is casual, informative, and fun.This version of the book is updated for C# 7.0 and Visual Studio 2017Get off the ground quickly, with a gentle introduction to C#, Visual Studio, and a step-by-step walkthrough and explanation of how to make your first C# program.Learn the fundamentals of procedural programming, including variables, math operations, decision making, looping, methods, and an in-depth look at the C# type system.Delve into object-oriented programming, from start to finish, including inheritance, polymorphism, interfaces, and generics.Explore some of the most useful advanced features of C#, and take on some of the most common tasks that a programmer will tackle.Learn to control the tools and tricks of programming in C#, including the .NET framework, dealing with compiler errors, and hunting down bugs in your program.Master the needed skills by taking on a large collection of Try It Out! challenges, to ensure that you've learned the things you need to.With this guide, you'll soon be off to save the world (or take over it) with your own awesome C# programs!

What's New in Visual Studio 2017 for F# For Developers- 2017 Get a quick?yet thorough?tour of the new features and tools available in Visual Studio 2017 and F# 4.1.

Step by Step Web Design with Visual Studio 2017-Mohammed Ridha 2019-02-17 This book is a source of reference for every beginner in learning web design, for anyone who has not learned enough in web design, and for web designers who want to expand their knowledge and learn the design of the website with more details. Special emphasis is placed on the design of a commercial website. ASP.NET has been using MVC5 technology extensively in recent business website. Before you start designing a website, it is essential to know the relevant techniques and how to use them. For example, at least you should know the basics of HTML5 and CSS3 for a simple web site. However, professional designs require the use of HTML5, CSS3, JavaScript, and jQuery. You should be familiar with Photoshop CS6 or Photoshop CC, which you will use it in the graphics and logo design of the website. In addition, commercial sites require you to be able to use Visual Studio 2017 effectively, a platform that helps us use all of these technologies in a professional way. In this book, you do not need to know all these techniques, since the reader of the book has no information about the design of the websites. We will begin from scratch to explain all the techniques required in design. This book will be your indispensable source.

Shelly Cashman Series-Gary B. Shelly 1999-06-01