

# Microsoft Visual Studio User Guide

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## **Build Windows 8 Apps with Microsoft Visual C++ Step by Step** - Luca Regnicoli 2013-04-15

Your hands-on, step-by-step guide to building Windows 8 apps with Microsoft Visual C++ Teach yourself how to build Windows 8 applications using the Visual C++ language—one step at a time. Ideal for those with intermediate to advanced C++

development skills, this tutorial provides practical, learn-by-doing exercises for creating apps that can adapt to different screen sizes—including desktop and laptop computers, tablets, and slates. Discover how to: Build apps using Windows 8 design guidelines Explore the Windows 8 application architecture Apply tools and libraries from Microsoft Visual Studio and

the Windows 8 SDK Use XAML to create touch-optimized user interfaces Create apps that make use of device sensors Manage the Windows 8 application lifecycle Prepare your app for the Windows Store

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

### **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](http://informit.com/title/9780672337369) as they become available.

### **Microsoft Visual C# 2012 Step By Step -**

John Sharp 2012-12-15

Teach yourself how to build applications with

Microsoft Visual C# 2012 and Visual Studio 2012—one step at a time. Ideal for those with fundamental programming skills, this tutorial provides practical, learn-by-doing exercises for mastering core C# language features and creating working applications and components for Windows. Discover how to: Work with variables, non-reserved identifiers, statements, operators, and methods Use the new application models provided by Windows 8 and the Windows Runtime Create interfaces and define abstract classes Manage errors and exception handling Use collection classes Work with databases by using DataBinding with the Entity Framework Respond to user input and gestures; gather input from devices and other sources Handle events arising from multiple sources Develop your first Windows 8 apps

**Microsoft Visual C++ Owner's Manual** - Beck Zaratian 1997-01

The latest edition of this popular programming tutorial, previously published as the Microsoft

Visual C++ Owner's Manual, offers a fresh approach and comprehensive discussion of issues around using the latest version of Microsoft Visual C++. It will appeal to new users, developers coming from another language or implementation, and upgraders from earlier versions. They will learn in detail about the components of the new development environment and techniques for setting up development projects, especially in multiple developer environments. The book is supplemented by many example programs and projects that illustrate text explanations. When fast isn't fast enough for your application or component development, developers will turn to Visual C++, New Edition -- and the "Microsoft Visual C++, New Edition, Programmer's Guide", the complete user's guide to Developer Studio and Visual C++ programming tools. "Microsoft Visual C++, New Edition Programmer's Guide" topics include: -- An overview of Microsoft Visual C++, New Edition, for new users and developers

familiar with other languages and implementations -- Issues in setting up development projects -- Development environment components -- Example applications, reusable code for components, controls, and other projects

*Getting Started with Visual Studio 2019*  
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

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

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+.

**Microsoft Visual Basic 2010 Developer's Handbook** - Klaus Löffelmann 2011-08-15

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** - Joe Mayo 2010-04-05

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.

Beginning Microsoft Visual Basic 2008 - Thearon Willis 2008-04-30

Beginning Microsoft Visual Basic 2008 is designed to teach you how to write useful programs in Visual Basic 2008 as quickly and easily as possible. There are two kinds of beginners for whom this book is ideal: You're a beginner to programming and you've chosen Visual Basic 2008 as the place to start. That's a great choice! Visual Basic 2008 is not only easy

to learn, it's also fun to use and very powerful. You can program in another language but you're a beginner to .NET programming. Again, you've made a great choice! Whether you've come from Fortran or Visual Basic 6, you'll find that this book quickly gets you up to speed on what you need to know to get the most from Visual Basic 2008. Visual Basic 2008 offers a great deal of functionality in both tools and language. No one book could ever cover Visual Basic 2008 in its entirety—you would need a library of books. What this book aims to do is to get you started as quickly and easily as possible. It shows you the roadmap, so to speak, of what there is and where to go. Once we've taught you the basics of creating working applications (creating the windows and controls, how your code should handle unexpected events, what object-oriented programming is, how to use it in your applications, and so on), we'll show you some of the areas you might want to try your hand at next. To this end, the book is organized as

follows: Chapters 1 through 9 provide an introduction to Visual Studio 2008 and Windows programming. Chapter 6 provides an introduction to XAML and Windows Presentation Foundation (WPF) programming. Chapter 10 provides an introduction to application debugging and error handling. Chapters 11 through 13 provide an introduction to object-oriented programming and building objects. Chapter 14 provides an introduction to creating Windows Forms user controls. Chapter 15 provides an introduction to graphics in Windows applications. Chapters 16 and 17 provide an introduction to programming with databases and covers Access, SQL Server, ADO.NET and LINQ. Chapters 18 and 19 provide an introduction to ASP.NET and show you how to write applications for the Web. Chapter 20 provides a brief introduction to XML, a powerful tool for integrating your applications—regardless of the language they were written in. Chapter 21 introduces you to web services and the Windows

Communication Foundation (WCF). Chapter 22 introduces you to sequential workflows using the Windows Workflow Foundation (WF). Chapter 23 introduces you to building applications for mobile devices using the Compact Framework classes. Chapter 24 introduces you to deploying applications using ClickOnce technology. Chapter 25 provides some insight on where to go next in your journey to learn about Visual Basic 2008. Appendix A provides the answers to chapter exercises. Appendix B introduces the Microsoft Solution Framework. Appendix C provides some background on security. Appendix D provides insight into Windows CardSpace. Appendix E compares the differences between the latest versions of the .NET Framework.

### **Hitchhiker's Guide to Visual Studio and SQL Server** - William R. Vaughn 2007

Since 1994 when he wrote his first "Hitchhiker's Guide", William Vaughn has been providing developers all over the world the intimate details

of how SQL Server can be accessed and managed from RAD languages like Visual Basic and Visual Basic .NET. With the 7th Edition, Bill has completely rewritten this encyclopedic work from cover to cover-giving readers his insightful views on how applications should be built to maximize both developer and code performance. Visual Studio and the languages it hosts have never been as sophisticated as they are today-the same can be said for SQL Server. This makes it even more important for developers to understand how to best leverage their features without being held back by their complexity. That's what this book is all about-making it easier for developers regardless of their know-how. The 7th edition is unique in that it's designed to provide not only up-to-date tutorials on the latest development tools provided by Visual Studio and SQL Server, but also a solid platform of architectural advice and rich examples for developers trying to choose between the myriad of platform options.

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Beginners and experts alike will find comprehensive step-by-step instructions that can make the reader's introduction to the latest versions of Visual Studio and SQL Server far easier. Key topic coverage includes:

- Data access architectures and how to choose the best strategy for Windows Forms, ASP.NET, XML Web Services, and SQL Server CLR executables. Where do these make sense and how much will they cost to build and maintain?
- SQL Server and relational database fundamentals and inner-machinery. How does SQL Server work and why is it important that developers know?
- Making the development experience more productive through judicious use of the Visual Studio toolset, and how to know when the wizards can help.
- Using the latest ADO.NET data provider efficiently and safely.
- How to protect the security of your database—and your job—by avoiding common mistakes.
- How to build secure, efficient, scalable applications in less time with fewer resources—how to create faster

- code faster.
- How to leverage the potential of SQL Server CLR executables and knowing when these features make sense.
- How to work with your DBA to maintain database integrity and security.
- Working with the new Visual Studio report controls to expose your organization's data safely and easily with or without leveraging existing SQL Server Reporting Services technology.

William R. Vaughnis the President of Beta V Corporation and a Microsoft MVP. In 2000 he retired from Microsoft after 14 years to focus on mentoring, speaking, and writing. His specialty is data access application design especially when connecting to SQL Server—over the years he's written 12 books on the subject. He's a popular speaker at technical conferences all over the world where his wit and no-holds-barred technical insights win him rave reviews. William is also a member of the prestigious INETA Speaker's Bureau. His works include articles for SQL Server Magazine and a bi-weekly editorial for Processor Magazine as well

as books published by Microsoft Press and Apress. The book includes a DVD that contains a wealth of examples as well as several sample databases used to illustrate points discussed in the book. Authenticated readers will also have unrestricted access to the book's supporting web site, [www.hitchhikerguides.net](http://www.hitchhikerguides.net), where additional examples, online forums, and other supplementary materials are available.

[www.awprofessional.com/msserverseries](http://www.awprofessional.com/msserverseries)

[www.hitchhikerguides.net](http://www.hitchhikerguides.net)

[www.betav.com/blogs/billva](http://www.betav.com/blogs/billva) [www.betav.com](http://www.betav.com)

### **Introduction to Programming Using Visual**

**Basic** - Evangelos Petroustos 2007-03-01

**Microsoft Visual C# 2013 Step by Step** - John Sharp 2013-11-15

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 Studio Core Reference Set: Microsoft Visual InterDev 6.0 programmer's guide** - 1998

**Visual Basic 2012 Made Easy** - Dr. Liew Visual Basic 2012 Made Easy is written by Dr. Liew, the webmaster of our popular online Visual Basic Tutorial, [vbtutor.net](http://vbtutor.net). This book is a complete guide to mastering Visual Basic 2012,

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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

**Umbraco User's Guide** - Nik Wahlberg  
2011-05-04

The first guide to show you how to power your site using Umbraco. More companies are turning to the power and simplicity of Umbraco's web content management system to build robust, customized sites. Written by leaders in the Umbraco community, this invaluable guide takes you through every aspect of this open source

tool. Code samples using XHTML, CSS, XSLT, and C# are integrated throughout the pages to illustrate key concepts that you can apply. As you work through the chapters, you'll progress from building a basic Umbraco site to a sophisticated one that meets the needs of your organization. Umbraco User's Guide: Explains how to install Umbraco and walks you through its XML structure Discusses how to create templates while building your understanding of layouts Offers best practices for developing content, designing types, organizing templates, and using the rich text editor Walks you through XSLT and .NET controls Helps you build sample applications and troubleshoot any issues that arise Covers how to create your own classified ads site by combining document types, templates, styles, macros, and more

**Microsoft Visual Studio Core Reference Set** - Microsoft Corporation 1998

To succeed in today's enterprises, developers need the extraordinary range of tools that comes

with Microsoft Visual Studio. This multi-book set covers current versions of Visual C++, Visual Basic, Visual J++, Visual FoxPro, and Visual InterDev. The CD-ROM contains numerous helpful tools and samples for Visual C++ programmers. Cover Title

**Microsoft Visual BASIC.NET** - Microsoft Corporation 2002

Here's official documentation for the Visual Basic® .NET language, including descriptions of all language elements from A to Z. This LANGUAGE REFERENCE is taken from the electronic product documentation for Visual Basic .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 Basic .NET Standard software. Get the details you need on language and run-time elements, including: Attributes Constants and enumerations Data types Directives Functions Keywords Methods Objects Operators Properties Statements

## **Visual Studio Extensibility Development -**

Rishabh Verma 2020-07-03

Learn the extensibility model of Visual Studio to enhance the Visual Studio integrated development environment (IDE). This book will cover every aspect, starting from developing an extension to publishing it and making it available to the end user. The book begins with an introduction to the basic concepts of Visual Studio including data structures and design patterns and moves forward with the fundamentals of the VS extensibility model. Here you will learn how to work on Roslyn - the .NET compiler platform - and load extensions in VS. Next, you will go through the extensibility model and see how various extensions, such as menus, commands, and tool windows, can be plugged into VS. Moving forward, you'll cover developing VS extensions and configuring them, along with demonstrations on customizing extension by developing option pages. Further, you will learn to create custom code snippets and use a

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debugger visualizer. Next, you will go through creation of project and item templates including deployment of VS extensions using continuous integration (CI). Finally, you will learn tips and tricks for Visual Studio and its extensibility and integration with Azure DevOps. After reading Visual Studio Extensibility Development you will be able to develop, deploy, and customize extensions in Visual Studio IDE. What You Will Learn Discover the Visual Studio extensibility and automation model Code Visual Studio extensions from scratchCustomize extensions by developing a tools option page for themCreate project templates, item templates, and code snippets. Work with code generation using T4 templatesCode analysis and refactoring using Roslyn analyzersCreate and deploy a private extension gallery and upload the extensions Upload a VS extension using CIShip your extension to Visual Studio MarketplaceWho This Book Is For Developers in Visual Studio IDE covering C#, Visual Basic (VB), JavaScript, and

CSS.

**Visual Studio Code** - Bruce Johnson 2019-09-11 Expert guidance on using Visual Studio Code for editing and debugging your web development projects Visual Studio Code, a free, open source, cross-compatible source code editor, is one of the most popular choices for web developers. It is fast, lightweight, customizable, and contains built-in support for JavaScript, Typescript, and Node.js extensions for other languages, including C++, Python, and PHP. Features such as debugging capability, embedded Git control, syntax highlighting, code snippets, and IntelliSense intelligent code completion support—several of which set it apart from the competition—help make Visual Studio Code an impressive, out-of-the-box solution. Visual Studio Code: End-to-End Editing and Debugging Tools for Web Developers helps readers to become familiar with and productive in Visual Studio Code. This up-to-date guide covers all of the essential components of the software, including

the editing features of the workspace, advanced functionality such as code refactoring and key binding, and integration with Grunt, Gulp, NPM, and other external tools. New users, experienced developers, and those considering moving from another developer tool will benefit from this book's detailed, yet easy-to-follow information on Visual Studio Code. This book: Teaches readers how to use Visual Studio Code to do full-stack development Explains the steps to install Visual Studio Code on Windows, Mac and Linux platforms Provides a foundation for non-users considering moving to Visual Studio Code Helps current users expand their knowledge of the tool and its available extensions Describes how to open a .NET Core project and get end-to-end execution and debugging functionality Visual Studio Code: End-to-End Editing and Debugging Tools for Web Developers is an invaluable guide for both professional and hobbyist web developers seeking immediately-useful information on Visual Studio Code.

## **Learn C# Programming** - Marius Bancila

2020-04-30

Get started with C# and strengthen your knowledge of core programming concepts such as procedural, object-oriented, generic, functional, and asynchronous programming along with the latest features of C# 8 Key Features Learn the fundamentals of C# with the help of easy-to-follow examples and explanations Leverage the latest features of C# 8, including nullable reference types, pattern matching enhancements, and asynchronous streams Explore object-oriented programming, functional programming, and multithreading concepts Book Description The C# programming language is often developers' primary choice for creating a wide range of applications for desktop, cloud, and mobile. In nearly two decades of its existence, C# has evolved from a general-purpose, object-oriented language to a multi-paradigm language with impressive features. This book will take you through C#

from the ground up in a step-by-step manner. You'll start with the building blocks of C#, which include basic data types, variables, strings, arrays, operators, control statements, and loops. Once comfortable with the basics, you'll then progress to learning object-oriented programming concepts such as classes and structures, objects, interfaces, and abstraction. Generics, functional programming, dynamic, and asynchronous programming are covered in detail. This book also takes you through regular expressions, reflection, memory management, pattern matching, exceptions, and many other advanced topics. As you advance, you'll explore the .NET Core 3 framework and learn how to use the dotnet command-line interface (CLI), consume NuGet packages, develop for Linux, and migrate apps built with .NET Framework. Finally, you'll understand how to run unit tests with the Microsoft unit testing frameworks available in Visual Studio. By the end of this book, you'll be well-versed with the essentials of

the C# language and be ready to start creating apps with it. What you will learn

- Get to grips with all the new features of C#
- Discover how to use attributes and reflection to build extendable applications
- Utilize LINQ to uniformly query various sources of data
- Use files and streams and serialize data to JSON and XML
- Write asynchronous code with the async-await pattern
- Employ .NET Core tools to create, compile, and publish your applications
- Create unit tests with Visual Studio and the Microsoft unit testing frameworks

Who this book is for

If you have little experience in coding or C# and want to learn the essentials of C# programming to develop powerful programming techniques, this book is for you. It will also help aspiring programmers to write scripts or programs to accomplish specific tasks.

*Microsoft Visual C# Step by Step* John Sharp  
2015-10-30

"Expand your expertise--and teach yourself the fundamentals of programming with the latest

version of Visual C# with Visual Studio 2015. If you are an experienced software developer, you'll get all the guidance, exercises, and code you need to start building responsive, scalable Windows 10 and Universal Windows Platform applications with Visual C#."--Back cover.

**Professional Visual Studio 2017** - Bruce Johnson 2017-10-18

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.

*Visual Basic for DOS* Amir C. Shamma 1993  
A hands-on introduction to programming with Visual Basic for DOS, including a disk containing all the program code covered. This book takes a painless approach that first-time users will find reassuring—a quick-start, step-by-step tutorial on object-oriented programming; dozens of easy-to-follow sample programs; helpful icons highlighting special tips and warnings; and a rich supply of screen images.

*Start Here! Learn Microsoft Visual Basic 2012* Michael Halvorson 2012

Introduces the fundamentals of Visual Basic programming, and provides explanations and examples that offer insight into building applications for Windows 8 and the Windows store.

**Microsoft Visual Basic 2013 Step by Step -**  
Michael Halvorson 2013

A step-by-step guide to using Microsoft Visual Basic, covering such topics as building and customizing the user interface, managing data, Visual Studio web development with ASP.NET 4, and working with Windows Phone SDK 8.0.

*Microsoft Visual C++/CLI Step by Step* Adrian Templeman 2013-08-15

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

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ADO.NET Create and consume web services using Windows Communication Foundation Work effectively with legacy code and COM Visual Studio 2019 Tricks and Techniques - Paul Schroeder 2021-01-15

Harness the full power of the Visual Studio IDE to take your coding skills to the next level by learning about IDE productivity practices and exclusive techniques Key Features Increase your productivity by leveraging Visual Studio 2019's improvements and features Explore powerful editing, code intelligence, and source code control features to increase productivity Delve into VS's powerful, untapped features such as custom project templates and extensions Book Description Visual Studio 2019 (VS 2019) and Visual Studio Code (VS Code) are powerful professional development tools that help you to develop applications for any platform with ease. Whether you want to create web, mobile, or desktop applications, Microsoft Visual Studio is your one-stop solution. This book demonstrates

some of the most sophisticated capabilities of the tooling and shows you how to use the integrated development environment (IDE) more efficiently to be more productive. You'll begin by gradually building on concepts, starting with the basics. The introductory chapters cover shortcuts, snippets, and numerous optimization tricks, along with debugging techniques, source control integration, and other important IDE features that will help you make your time more productive. With that groundwork in place, more advanced concepts such as the inner workings of project and item templates are covered. You will also learn how to write quality, secure code more efficiently as well as discover how certain Visual Studio features work 'under the hood'. By the end of this Visual Studio book, you'll have learned how to write more secure code faster than ever using your knowledge of the extensions and processes that make developing successful solutions more enjoyable and repeatable. What you will learn Understand the

similarities and differences between VS 2019 and VS CodeGet to grips with numerous keyboard shortcuts to improve efficiencyDiscover IDE tips and tricks that make it easier to write codeExperiment with code snippets that make it easier to write repeating code patternsFind out how to customize project and item templates with the help of hands-on exercisesUse Visual Studio extensions for ease and improved productivityDelve into Visual Studio's behind the scene operationsWho this book is for This book is for C# and .NET developers who want to become more efficient and take advantage of features they may not be aware of in the IDE. Those looking to increase their productivity and write quality code more quickly by fully utilizing the power of the Visual Studio IDE will also find this book useful.

*Creating Mobile Apps with Xamarin.Forms*

Previous Edition - Charles Petzold 2015-04-11

This second Preview Edition ebook, now with 16 chapters, is about writing applications for

Xamarin.Forms, the new mobile development platform for iOS, Android, and Windows phones unveiled by Xamarin in May 2014.

Xamarin.Forms lets you write shared user-interface code in C# and XAML that maps to native controls on these three platforms.

**Moving to Microsoft Visual Studio 2010** - Ken Haines 2010

This book will show you how to transition from previous versions of Microsoft® Visual Studio, to Visual Studio 2010. The book will showcase new features in Visual Studio 2010 that ease the creation of applications. Real-world applications will be used throughout to demonstrate the features and ease of use. This book is for professional developers who are working with previous versions of Visual Studio and are looking to make the move to Visual Studio 2010 Professional. The book is not a language primer, a language reference, or a single technology book. It's a book that will help professional developers move from previous versions of

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Visual Studio (starting with 2003 and on up). It will cover the features of Visual Studio 2010 through an application. It will go through a lot of the exciting new language features and new versions of the most popular technologies without putting the emphasis on the technologies themselves. It will instead put the emphasis on how you would get to those new tools and features from Visual Studio 2010. If you are expecting this book to thoroughly cover the new Entity Framework or ASP.NET MVC 2, this is not the book for you. If you want to read a book where the focus is on Visual Studio 2010 and on the reasons for moving to Visual Studio 2010, this is the book for you.

**A Complete Guide to PivotTables** - Paul Cornell 2004-11-05

\*Practical step-by-step tutorials and business examples guide the reader through everything they need to know about Pivot Tables. \*This book focuses specifically on Pivot Tables where most books only include a section on them. Since

many users find Pivot Tables very challenging, the single focus of this book offers an accessible but full tutorial on this important part of Excel. \*Paul Cornell works at Microsoft and has a long career writing about Office and Excel for Power Users, who are the audience he is now writing for in this new book.

Microsoft Visual Basic 2010 Step by Step - Michael Halvorson 2010-05-12

Your hands-on, step-by-step guide to learning Visual Basic 2010. Teach yourself the essential tools and techniques for Visual Basic 2010-one step at a time. No matter what your skill level, you'll find the practical guidance and examples you need to start building professional applications for Windows and the Web. Discover how to: Work in the Microsoft Visual Studio 2010 Integrated Development Environment (IDE) Master essential techniques-from managing data and variables to using inheritance and dialog boxes Create professional-looking Uis; add visual effects and

print support Build compelling Web features with the Visual Web Developer tool Use Microsoft ADO.NET and advanced data presentation controls Debug your programs and handle run-time errors Use new features, such as Query Builder, and Microsoft .NET Framework For customers who purchase an ebook version of this title, instructions for downloading the CD files can be found in the ebook.

**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)

[Beginning Visual Basic 2015](#) - Bryan Newsome  
2015-12-02

Learn Visual Basic step by step and start programming right away Beginning Visual Basic 2015 is the ideal guide for new programmers, especially those learning their first language. This new edition has been updated to align with Visual Studio 2015, and also refocused to concentrate on key beginner topics. Precise, step-by-step instructions walk you through important tasks, and clear explanations targeted to beginners will have you writing your first Visual Basic application quickly. You'll start from the absolute beginning, assuming no prior programming experience, and then gradually build your skills to write Visual Basic applications for Windows and the Web. Coverage includes objects, class libraries, graphics, databases, and much more, with explicit instructions on using ASP.NET, SQL Server, ADO.NET, and XML. Visual Studio is the usual environment for Visual Basic programming, and the latest upgrade has made Visual Basic more feature compatible with C# to allow

programmers to move fluidly between the two languages. Don't know C#? Don't worry! This book starts from the very beginning of Visual Basic programming to help you build your skills from the ground-up. Understand flow control and data structure Debug Windows applications, dialog boxes, and menus Master objects and object-oriented techniques Access databases, program graphics, and program for the Web Over three million programmers use Visual Basic, and many of them learned it as their first language. It's beginner-friendly, versatile, and visually oriented, making it an ideal introduction to the programming mindset, workflow, and hard skills. Beginning Visual Basic 2015 gets you started on the right foot, with clear, patient instruction and plenty of hands-on practice.

*Design Patterns* Erich Gamma 1995  
Software -- Software Engineering.

*Microsoft Expression Blend 4 Step by Step*  
Elena Kosinska 2011  
Provides information on creating rich user

interfaces for Microsoft Silverlight-based applications with Microsoft Expression Blend 4.

**Microsoft Visual Studio Core Reference Set: Microsoft Visual C++ 6.0 programmer's guide** - 1998

**Microsoft Visual Basic 2013 Step by Step** - Michael Halvorson 2013-11-15  
Your hands-on guide to Visual Basic fundamentals Expand your expertise—and teach yourself the fundamentals of Microsoft Visual Basic 2013. If you have previous programming experience but are new to Visual Basic 2013, this tutorial delivers the step-by-step guidance and coding exercises you need to master core topics and techniques. Discover how to: Master essential Visual Basic programming techniques Begin building apps for Windows Store, Windows Phone 8, and ASP.NET Design apps using XAML markup, touch input, and live tiles Tackle advanced language concepts, such as polymorphism Manage data sources including

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XML documents and web data Create a Windows  
Phone 8 app that manages key lifecycle events

*Microsoft Visual Studio Core Reference Set:  
Microsoft Visual FoxPro 6.0 programmer's guide  
- 1998*