

Creating Windows Forms Applications With Visual Studio And

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.

Offers a reference to key C# programming concepts covering language elements, syntax, datatypes, and tasks.

Thorough coverage of Microsoft's new dynamic programming language: IronPython IronPython is a powerful and vital part of any .NET developer's toolbox, and although it is several years old, very little literature exists on the topic. This essential resource fills that void and provides you with an in-depth understanding of IronPython. A brief introduction walks you through the installation, usage, and tools of IronPython and also explains what makes IronPython different from other programming languages. Coverage quickly moves on to explaining how to use and work with the IronPython language, and an in-depth look at its environment sheds light on how it can be stand alone or with the .NET Framework. You'll see how IronPython can be used to create either desktop or Web-based applications and you'll witness how it interacts with other existing technologies. In addition, coverage of advanced topics shares techniques for extending IronPython and making it a robust language. Provides you with an in-depth look at IronPython, how it is different from other programming languages, what it is capable of, and how to maximize its potential Explores how IronPython interacts with existing technologies and how it can perform administration tasks Answers popular questions, such as how to extend IronPython and make it a more robust language Tackles topics not addressed anywhere else, including executing IronPython using Mono You'll want to devour every topic covered in Professional IronPython so you can get started working with this powerful programming language today.

C#Builder Kick Start provides a rapid overview of the C#Builder tool, a Borland developer's introduction to C# explaining the new forms and interfaces, and set of examples illustrating the power of C#, C#Builder, and .NET development. Special attention is paid to differences between existing Borland tools and development strategies and C#Builder.

Microsoft Windows Forms creates interfaces for client based applications. Developers building Windows-based applications can use their .NET language of choice to create flexible, data-aware Graphical User Interfaces that benefit from the full support of the .NET Framework classes.

Get the most out of .NET framework using standard libraries and create a .NET Standard 2.0 library from scratch Key Features Write code once and share within .NET ecosystem in Windows, Linux and macOS Give your .NET Libraries a common framework in cloud and on premise with the latest .NET Standard 2.0 Build a wide range of applications from Mobile with Xamarin to Web with ASP.NET Book Description The .NET Standard is a standard that represents a set of APIs that all .NET platforms have to implement, making it easy for developers to access and use one common library for their development needs. This book begins with a quick refresher, helping you understand the mechanics of the new standard and offering insight into how it works. You'll

explore the core library concepts, such as working with collections, configurations, I/O, security, and multithreading. You'll explore the iOS and Android libraries of Xamarin and we'll guide you through creating a .NET Standard 2.0 library, which you'll use with both Android and iOS applications. In the final chapters, you'll learn the various debugging and diagnostics tools to deliver quality libraries and create a NuGet package of the .NET Standard 2.0 library. By the end of this book, you'll be able to expand your current workflow to various .NET flavors and have the essential skills to create a .NET Standard 2.0 library from scratch to package and deliver it to the world. What you will learn Create a .NET Standard 2.0 library Use System.IO within the .NET Standard 2.0 Make use of your legacy .NET libraries with the new .NET Core standard Explore the thread support to create a multithreaded .NET Standard 2.0 library Create a .NET Standard 2.0 library and use it with an Android and iOS application Implement various Visual Studio 2017 diagnostics and debugging tools Create a NuGet Package and submit the package to the NuGet Package Manager Use Visual Studio 2017 azure tools to deploy the application to Azure Test and deliver a .NET Standard 2.0 library Who this book is for This book is for .NET developers who are looking to build dynamic applications with the latest .NET Standard. C# knowledge is required.

Be the first to understand .NET 4.0 and Visual Basic 2010. Pro VB 2010 and the .NET 4.0 Platform provides developers with a complete guide to the new technology, explaining the importance of all the key VB 2010 language features. This edition has been comprehensively revised and rewritten to make it accurately reflect the VB 10 language specification for the .NET 4.0 platform. You'll find new chapters covering the important concepts of dynamic lookups, named and optional arguments, Parallel LINQ (PLINQ), improved COM interop, and variance for generics. The first edition of this book was released at the 2001 Tech-Ed conference in Atlanta, Georgia. At that time, the .NET platform was still a beta product, and in many ways, so was this book. This is not to say that the early editions of this text did not have merit—after all, the book was a 2002 Jolt Award finalist and it won the 2003 Referenceware Excellence Award. However, over the years that author Andrew Troelsen spent working with the common language runtime (CLR), he gained a much deeper understanding of the .NET platform and the subtleties of the VB programming language, and he feels that this sixth edition of the book is as close to a “final release” as he's come yet! If you're checking out this book for the first time, do understand that it's targeted at experienced software professionals and/or graduate students of computer science (so don't expect three chapters on iteration or decision constructs!). The mission of this text is to provide you with a rock-solid foundation in the VB programming language and the core aspects of the .NET platform (assemblies, remoting, Windows Forms, Web Forms, ADO.NET, XML web services, etc.). Once you digest the information presented in these 25 chapters, you'll be in a perfect position to apply this knowledge to your specific programming assignments and explore the .NET universe on your own terms.

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)

Visual C#.NET Windows Forms Programming with C# By Max Beerbohm Windows Forms is a Graphical User Interface (GUI) class library which is bundled in .Net Framework. Its main purpose is to provide an easier interface to develop the applications for desktop, tablet, PCs. It is also termed as the WinForms. The applications which are developed by using Windows Forms or WinForms are known as the Windows Forms Applications that runs on the desktop computer. WinForms can be used only to develop the Windows Forms Applications not web applications. WinForms applications can contain the different type of controls like labels, list boxes, tooltip etc. A windows form application is an application, which is designed to run on a computer. It will not run on web browser because then it becomes a web application. This Tutorial will focus on how we can create Windows-based applications. We will also learn some basics on how to work with the various elements of Windows applications. In this book, you will learn- What is C# Why C-Sharp was created What is the origin of the term "C#" Main uses of C# Windows Application Development: * Create web applications typically via: * the games: * C# Features-Chapter One #C Programming Language Quick Guide Data types Types and Variables History and configuration Data structures Lists Factors Bitwise comparison operators Incrementation Control structures For Each loop Switch instruction Data conversion Varieties Interesting features Keyword "yield" Optional transactions Floating species Call the SetDefault function defined above Dealing with errors Resource Management Parallel programming Parallel with ASPARALLELINQ Delegation and Events Delegate is a reference to a child-Chapter II .NET Framework About this chapter Main sections of the framework Common Implementation Environment FCL Framework Class Library C# Compiler How does the program execute using CLR? Conclusion Chapter III Get started with C-Sharp The first program A simple program to add two integers More optimized program to add two numbers-Chapter IV Lambda expressions and Linq queries Lambda expressions Linq queries Supportive exercises Conclusion-Chapter V Use and handle Events Relationship between Events and Delegates Anonymous Methods Anonymous Methods Supportive exercises Conclusion Chapter VI Object Oriented Programming General principles of the object-oriented concept Encapsulation Inheritance Polymorphism Conclusion

This is a book that helps you to learn C# using Visual Studio 2008. Precision, an easy-to-understanding style, real life examples in support of the concepts, and practical approach in presentation are some of the features that make the book unique in itself. The text in the book is presented in such a way that is equally helpful to beginners as well as professionals. Apart from basic concepts of C#, this edition of the book particularly deals with some new and advanced topics, such as WPF, WCF, WF and LINQ. The book covers:

- C# programming basics
- Object oriented programming concepts
- Developing Windows applications
- Working with standard controls, dialog boxes and menus
- Developing WPF applications
- Creating database-driven Windows and WPF applications
- LINQ
- Deploying Windows applications using Windows Installer and ClickOnce
- Developing Workflow applications
- Creating and using Web Services and WCF Services

Visual Basic 2008 Black Book Is The Most Comprehensive Book That You Will Find On Visual Basic .Net. It Contains Useful Material On All The Concepts Of Visual Basic 2008, And At The Same Time, Teaches You How To Implement These Concepts

Programmatically By Providing Appropriate Examples Along-With Detailed Explanations. This Edition Of The Book Particularly Deals With Some New And Advanced Topics: Such As Wpf, Wcf, Wf, Asp.Net, Ajax, Silverlight, And Linq. This Unique Book On Visual Basic 2008 Has Extensive Coverage Of The Language; No Doubt, Every Aspect Of The Book Is Worth Its Price. Part I - .Net Framework 3.5 And Visual Studio 2008 Chapter 1: Getting Started With .Net Framework 3.5 Chapter 2: Introducing Visual Studio 2008 Part Ii - Visual Basic Programming Language And Oops Chapter 3: Introducing Visual Basic 2008 Chapter 4: Flow Control And Exception Handling In Visual Basic 2008 Chapter 5: Object-Oriented Programming In Visual Basic 2008 Part Iii - Windows Forms And Wpf Chapter 6: Windows Forms In Visual Basic 2008 Chapter 7: Windows Forms Controls - I Chapter 8: Windows Forms Controls- Ii Chapter 9: Windows Forms Controls - Iii Chapter 10: Windows Forms Controls - Iv Chapter 11: Windows Forms Controls - V Chapter 12: Introducing Windows Presentation Foundation Chapter 13: Working With Wpf 3.5 Controls, Resources, Styles, Templates, And Commands Chapter 14: Using Graphics And Multimedia In Windows Forms And Wpf Part Iv - Asp.Net 3.5 Chapter 15: Introducing Asp.Net 3.5 And Web Forms Chapter 16: Standard Web Server Controls Chapter 17: Navigation Controls In Asp.Net 3.5 Chapter 18: Login And Web Parts Controls In Asp.Net 3.5 Chapter 19: Enhancing Web Applications With Silverlight Part V - Services And Deployment Chapter 20: Asp.Net 3.5 Web Services Chapter 21: Introducing Windows Communication Foundation Chapter 22: Deploying Windows And Web Applications Part Vi - Ado.Net And Linq Chapter 23: Data Access With Ado.Net Chapter 24: Data Binding In Windows Forms And Wpf Applications Chapter 25: Data Binding In Asp.Net Applications Chapter 26: Working With Linq Part Vii - Advanced Topics Chapter 27: Working With Windows Workflow Foundation Chapter 28: Threading In Visual Basic 2008 Chapter 29: Collections And Generics Chapter 30: Working With Xml And .Net Chapter 31: The My Object Chapter 32: .Net Assemblies Chapter 33: Developing Windows Mobile Applications Chapter 34: Security And Cryptography In .Net Chapter 35: .Net Remoting In Visual Basic 2008 Chapter 36: Human Resources Management System

A guide for experienced programmers demonstrates the use of C# in conjunction with ASP.NET and Windows Forms to develop applications within the Microsoft.NET framework.

With its support for dynamic programming, C# 4.0 continues to evolve as a versatile language on its own. But when C# is used with .NET Framework 4, the combination is incredibly powerful. This bestselling tutorial shows you how to build web, desktop, and rich Internet applications using C# 4.0 with .NET's database capabilities, UI framework (WPF), extensive communication services (WCF), and more. In this sixth edition, .NET experts Ian Griffiths, Matthew Adams, and Jesse Liberty cover the latest enhancements to C#, as well as the fundamentals of both the language and framework. You'll learn concurrent programming with C# 4.0, and how to use .NET tools such as the Entity Framework for easier data access, and the Silverlight platform for browser-based RIA development. Learn C# fundamentals, such as variables, flow control, loops, and methods Build complex programs with object-oriented and functional programming techniques Process large collections of data with the native query features in LINQ Communicate across networks with Windows Communication Foundation (WCF) Learn the advantages of C# 4.0's dynamic

language features Build interactive Windows applications with Windows Presentation Foundation (WPF) Create rich web applications with Silverlight and ASP.NET

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

Visual Basic 2010 Unleashed is the most comprehensive, practical reference to modern object-oriented programming with Visual Basic 2010. Written by Visual Basic MVP Alessandro Del Sole, a long-time leader of the global VB community, this book illuminates the core of the VB language and demonstrates its effective use in a wide variety of programming scenarios. Del Sole covers both Visual Basic 2010 Professional Edition for professional developers and the Express Edition for hobbyists, novices, and students. Writing for VB programmers at all levels of experience, he walks through using VB 2010 for data access, user interface development, networking, communication, and many other tasks. For those moving from structured languages—including VB 6—he offers detailed guidance on building effective object-oriented code. He also demonstrates how to make the most of Microsoft's underlying .NET platform to write more robust and powerful software. This book's broad coverage includes advanced features such as generics and collections; a thorough introduction to the Visual Studio 2010 IDE and Visual Studio Team System; a full section on data access with ADO.NET and LINQ; practical overviews of WPF and WCF; coverage of web and cloud development with Silverlight and Azure; and advanced topics such as multithreading, testing, and deployment. Understand the Visual Studio 2010 IDE, .NET Framework 4.0, and the anatomy of a VB 2010 application Debug VB applications and implement error handling and exceptions Build efficient object-oriented software with classes, objects, namespaces, and inheritance Work with advanced object-oriented features, including interfaces, generics, delegates, events, and collections Organize, create, and improve classes with the Visual Studio Class Designer Access data with LINQ—including LINQ to Objects, SQL, DataSets, Entities, XML, and Parallel LINQ Build modern Windows applications with WPF controls, brushes, styles, and templates Develop web-centric applications using ASP.NET, Silverlight, and Windows Azure Services cloud computing Create and consume WCF services and WCF Data Services Use advanced .NET 4.0 platform capabilities, including assemblies, multithreading, parallel programming, P/Invoke, and COM interoperability Perform advanced compilations with MSBuild Localize and globalize VB 2010 client applications

Windows Forms Programming in Visual Basic .NET Addison-Wesley Professional

Visual Basic 2010 offers a great deal of functionality in both tools and language. No one book could ever cover Visual Basic 2010 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.

The programming language C# was built with the future of application development in mind. Pursuing that vision, C#'s designers succeeded in creating a safe, simple, component-based, high-performance language that works effectively with Microsoft's .NET Framework. Now the favored language among those programming for the Microsoft platform, C# continues to grow in popularity as more developers discover its strength and flexibility. And, from the start, C# developers have relied on *Programming C#* both as an introduction to the language and a means of further building their skills. The fourth edition of *Programming C#*--the top-selling C# book on the market--has been updated to the C# ISO standard as well as changes to Microsoft's implementation of the language. It also provides notes and warnings on C# 1.1 and C# 2.0. Aimed at experienced programmers and web developers, *Programming C#, 4th Edition*, doesn't waste too much time on the basics. Rather, it focuses on the features and programming patterns unique to the C# language. New C# 2005 features covered in-depth include: Visual Studio 2005 Generics Collection interfaces and iterators Anonymous methods New ADO.NET data controls Fundamentals of Object-Oriented Programming Author Jesse Liberty, an acclaimed web programming expert and entrepreneur, teaches C# in a way that experienced programmers will appreciate by grounding its applications firmly in the context of Microsoft's .NET platform and the development of desktop and Internet applications. Liberty also incorporates reader suggestions from previous editions to help create the most consumer-friendly guide possible.

Describes the Windows Forms namespace and its role in developing Windows applications within the .NET Framework, and illustrates how to perform tasks including creating menus and text boxes.

Get up to speed with using C# 8 and .NET Core 3.0 features to build real-world .NET Core applications Key Features Learn the core concepts of web applications, serverless computing, and microservices Create an ASP.NET Core MVC application using controllers, routing, middleware and authentication Build modern applications using cutting-edge services from Microsoft Azure Book Description .NET Core is a general-purpose, modular, cross-platform, and opensource implementation of .NET. The latest release of .NET Core 3 comes with improved performance and security features, along with support for desktop applications. .NET Core 3 is not only useful for new developers looking to start learning the framework, but also for legacy developers interested in migrating their apps. Updated with the latest features and enhancements, this updated second edition is a step-by-step, project-based guide. The book starts with a brief introduction to the key features of C# 8 and .NET Core 3. You'll learn to work with relational data using Entity Framework Core 3, before understanding how to use ASP.NET Core. As you progress, you'll discover how you can use .NET Core to create cross-platform applications. Later, the book will show you how to upgrade your old WinForms apps to .NET Core 3. The concluding chapters will then help you use SignalR effectively to add real-time functionality to your applications, before demonstrating how to implement MongoDB in your apps. Finally, you'll delve into serverless computing and how to build microservices using Docker and Kubernetes. By the end of this book, you'll be proficient in developing applications using .NET Core 3. What you will learn Understand how to incorporate the Entity Framework Core 3 to build ASP.NET Core MVC applications Create a real-time chat application using Azure's SignalR service Gain hands-on experience of working with Cosmos DB Develop an Azure Function and interface it with an Azure Logic App Explore user authentication with Identity Server and OAuth2 Understand how to use Azure Cognitive Services to add advanced functionalities with minimal code Get to grips with running a .NET Core application with

Kubernetes Who this book is for This book is for developers and programmers of all levels who want to build real-world projects and explore the new features of .NET Core 3. Developers working on legacy desktop software who are looking to migrate to .NET Core 3 will also find this book useful. Basic knowledge of .NET Core and C# is assumed.

C# (pronounced sharp) has been created by Microsoft with the Internet in mind and an aim to balance power with productivity, providing rapid Web development for the C++ and C programmer. This guide has comprehensive coverage and demonstration of the C# language. It shows how to integrate C# with related technologies (ASP+, ADO+, COM+) in .NET applications .

Visual Basic has long been the language of choice when designing Windows-based applications and the Web. Touted as both the most popular and productive computing language, Visual Basic has amassed quite a following of devoted programmers, and is a sought after programming skill. With the introduction of .NET Enterprise, Microsoft launch VB.NET, offering a streamlined, simplified version of Visual Basic language. With increased power, scalability, functionality and reliability, VB.NET is positioned to be the most productive tool in a programmer's toolbox. VB.NET Developer's Guide is written for previous Visual Basic Programmers looking to harness the power of the new features and functionality incorporated in Visual Basic.NET. Timely coverage of newly released product which Visual Basic users will be eager to learn VB.NET Developer's Guide is one of the first comprehensive reference for programmers and developers anxious to learn about the new technology

- The WinForms team at Microsoft praises Chris as a definitive authority; Microsoft has named Chris one of eight Software Legends - The content and structure are based on years of experience both building apps with WinForms as well as teaching other developers about WinForms - Alan Cooper, the 'father of Visual Basic', has provided the foreword for the book

This book will help you solve more than 300 of the most common and not-so-common tasks that working Visual Basic 2005 programmers face every day. If you're a seasoned .NET developer, beginning Visual Basic programmer, or a developer seeking a simple and clear migration path from VB6 to Visual Basic 2005, the Visual Basic 2005 Cookbook delivers a practical collection of problem-solving recipes for a broad range of Visual Basic programming tasks. The concise solutions and examples in the Visual Basic 2005 Cookbook range from simple tasks to the more complex, organized by the types of problems you need to solve. Nearly every recipe contains a complete, documented code sample showing you how to solve the specific problem, as well as a discussion of how the underlying technology works and that outlines alternatives, limitations, and other considerations. As with all O'Reilly Cookbooks, each recipe helps you quickly understand a problem, learn how to solve it, and anticipate potential tradeoffs or ramifications. Useful features of the book include: Over 300 recipes written in the familiar O'Reilly Problem-Solution-Discussion format Hundreds of code snippets, examples, and complete solutions available for download VB6 updates to alert VB6 programmers to code-breaking changes in Visual Basic 2005 Recipes that target Visual Basic 2005 features not included in previous releases Code examples covering everyday data manipulation techniques and language fundamentals Advanced projects focusing on multimedia and mathematical transformations using linear algebraic methods Specialized topics covering files and file systems, printing, and databases In addition, you'll find chapters on cryptography and compression, graphics, and special programming techniques. Whether you're a beginner or an expert, the Visual Basic 2005 Cookbook is sure to save you time, serving up the code you need, when you need it.

“ClickOnce demos may look simple, but those techniques only work for simple applications. Brian Noyes gives us the

information we need to use ClickOnce in the real world, and he does it with a comprehensive and organized presentation. If you expect your smart client application to move very far beyond ‘Hello,World,’ you’ll want this book to help you deploy it.” —Billy Hollis, president/owner, Elysian Consulting, Microsoft Regional Director “Once again Brian has outdone himself. As a writer, I tend to be very critical of all technical publications, including my own . . . and it is such a pleasure to read anything Brian writes because he studies his topics well, resulting in an accurate, thorough, yet concise piece of work. ClickOnce being a new technology that deals with the pains we all have with application deployment, versioning, and security, it is important to have a text that will guide you through the learning process, give you sound advice for adopting the technology, and explain why you should even care. Brian gives his readers all of that.” —Michele Leroux Bustamante, chief architect, IDesign, Microsoft Regional Director “ClickOnce is the key to Windows and smart client deployment. Brian’s book is the key to successfully using ClickOnce. This book walks you through using ClickOnce, from the basics to advanced scenarios. It is an excellent resource.” —Rockford Lhotka, principal technology evangelist, Magenic Technologies, Microsoft Regional Director “Brian covers ClickOnce with a view to real-world deployment issues, which is obviously based on real-world experience. In and of itself, that is enough for me to buy the book. However, it is an even better investment by virtue of the fact that ClickOnce is a core part of the .NET Framework for Windows Forms 2.0 now, and Windows Presentation Foundation in the future.” —Michael Weinhardt, SDK programmer/writer, Application Model, Windows Presentation Foundation, Microsoft “This book covers the most important ingredient needed for the success of a smart client application—deployment. The author’s unassuming writing style, combined with his in-depth coverage of the topic, makes this book an invaluable resource for all serious smart client developers.” —Vishwas Lele, principal architect, Applied Information Sciences, Microsoft Regional Director Microsoft’s new ClickOnce auto-updating technology can radically simplify application deployment. Using it, .NET developers and architects can deliver a powerful, smart client experience along with the easy maintenance of today’s best Web applications. Microsoft Regional Director and MVP Brian Noyes has unsurpassed experience previewing and teaching ClickOnce to professional developers. In Smart Client Deployment with ClickOnce, Noyes demonstrates exactly how to make the most of ClickOnce in your real-world enterprise applications. Noyes covers ClickOnce design, architecture, security, installation, updates, and Bootstrapping—each with a full case study and detailed sample code. This focused, concise book explains how to Design client applications for efficient deployment and auto-updating Perform application deployments and automatic updates quickly and easily Deliver “on-demand” client application updates Deploy prerequisites with the Visual Studio 2005 Bootstrapper Take full control of ClickOnce’s powerful publishing, update, and security options Leverage the Visual Studio 2005 and .NET 2.0 platform features that make ClickOnce possible Understand how your application will behave

in the ClickOnce runtime environment The book's sample code is available for download at www.softinsight.com/clickoncebook.

Designed to introduce Visual FoxPro programmers to the software development tools of .NET, this informative handbook provides a detailed overview of the .NET framework and the C# and Visual Basic .NET languages and covers such topics as .NET business objectives, building Web applications with ASP .NET, .NET XML, and troubleshooting and debugging in .NET. Original. (Advanced)

This newest programming guide by bestselling author Jesse Liberty isn't your typical Visual Basic book. It's not a primer on the language, and it won't dull your brain with arguments hyping .NET either. Its goal, rather, is to make you immediately productive, creating Windows and Web applications using Visual Basic 2005 and Visual Studio 2005.

Written for VB6 and novice programmers, the book shows how Visual Basic 2005 can be used to rapidly build modern Windows and web applications. What makes this book different is what's not included. There's no introduction to Visual Basic, no explanation of how it fits into the .NET world. Why waste time reading about something you'll learn for yourself as soon as you start creating applications? You won't even write a "Hello World" program. With Programming Visual Basic 2005 you'll get started building something meaningful, right away. The book is divided into three parts--Building Windows Applications, Building Web Applications, and Programming with Visual Basic--each of which could be a book on its own. The author shares his thorough understanding of the subject matter through lucid explanations and intelligently designed lessons that guide you to increasing levels of expertise. By the time you've finished the book, you'll know how to program both Windows and web applications with VB 2005. The support for this book extends beyond its covers. Jesse offers a FAQ, Errata, complete source code and a link to a free private support discussion center on his web site: LibertyAssociates.com - just click on books. Jesse Liberty, Microsoft .NET MVP, is the best-selling author of O'Reilly Media's Programming ASP.NET and over a dozen other books on web and object-oriented programming. Jesse is a frequent contributor to many industry publications and websites, and has spoken at numerous industry events. He is a former Distinguished Software Engineer at AT&T and Vice President for technology development at CitiBank. Jesse Liberty's books have successfully guided thousands of programmers into the world of .NET programming, and Programming Visual Basic 2005 is no exception.

Windows Forms 2.0 Programming is the successor to the highly praised Windows Forms Programming in C#. This edition has been significantly updated to amalgamate the sheer mass of new and improved support that is encompassed by Windows Forms 2.0, the .NET Framework 2.0, and Visual Studio 2005. This is the one book developers need in order to learn how to build and deploy leading-edge Windows Forms 2.0 applications. Readers will gain a deep understanding

from Sells and Weinhardt's practical, well-balanced approach to the subject and clear code samples. • Windows Forms 2.0 fundamentals, including forms, dialogs, data validation, help, controls, components, and rendering • Static and dynamic layout, snap lines, HTML-style flow and table layout, automatic resizing, and automatic cross-DPI scaling • Office 2003-style tool strip control coverage, including dynamic layout and custom rendering • Design-time integration with the Visual Studio 2005 Properties Window and Smart Tags • Resource management, strongly typed resources, and internationalization considerations • Strongly typed application and user settings • SDI, MDI, Single Instancing, Multiple-Instance SDI, Single-Instance MDI, database-centric, and document-centric applications • Databinding data-source management, drag-and-drop databinding, the BindingSource, the BindingNavigator, and applied databinding • Events, delegates, multithreaded UIs, long-running operations, simplified multithreading with the BackgroundWorker, and asynchronous web service calls • ClickOnce application development publishing, shell integration, and partial trust security • Best practices for developers transitioning from Windows Forms 1.0 and MFC

Offers test-taking strategies and tips, practice questions, and a cram sheet.

This book is the VB 2005 version of the author's best-selling and highly-praised Pro .NET 2.0 Windows Forms and Custom Controls in C#. The author shows Visual Basic 2005 programmers how to design flexible, user-friendly Windows interfaces, using .NET. They will learn to use the full range of .NET controls, as well as extend them with custom controls. From best practices to user interface design tips, to a comprehensive examination of .NET user interface controls, this is a lively and practical work. Although this book is more than a reference manual, it includes detailed discussion of user interface elements that programmers will use on a regular basis.

Data binding is the most important part of many business applications—and one of the most difficult things to understand. Data Binding with Windows Forms 2.0 is the first book to focus on this crucial area of development. It will quickly get you up to speed on binding data sources to Windows Forms components. The book contains clear examples in C# that work with SQL Server 2000 and SQL Server 2005. Visual Basic .NET examples are available on the book's Web site. Brian Noyes, leading consultant and speaker on .NET programming, teaches you both the theory and practice of data binding and provides numerous samples ready to run in Visual Studio 2005. From his in-depth coverage, you'll learn how to Use Visual Studio 2005 to generate a data-bound application from a database Use the new Visual Studio 2005 typed data set designer, and how and why to use typed data sets and typed data adapters Perform simple and complex binding of data to controls, and how to use the .NET 2.0 BindingSource Use the Binding object for simple binding with automatic formatting, and how to handle binding events Generate bound controls with the Visual Studio Designer, and how to use Data Sources Present data with the new DataGridView control, and how to implement advanced features of the

DataGridView Implement custom data-bound controls in Windows Forms Create custom business objects and collections that are suitable for use in data binding Implement validation and error handling at the Windows Forms and data-binding levels Implement data binding with ASP.NET 2.0 and the upcoming Windows Presentation Foundation (Avalon) technologies

Your hands-on guide to Microsoft Visual C# fundamentals with Visual Studio 2015 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#. Discover how to: Quickly start creating Visual C# code and projects with Visual Studio 2015 Work with variables, operators, expressions, and methods Control program flow with decision and iteration statements Build more robust apps with error, exception, and resource management Master the essentials of Visual C# object-oriented programming Use enumerations, structures, generics, collections, indexers, and other advanced features Create in-memory data queries with LINQ query expressions Improve application throughput and response time with asynchronous methods Decouple application logic and event handling Streamline development with new app templates Implement the Model-View-ViewModel (MVVM) pattern Build Universal Windows Platform apps that smoothly adapt to PCs, tablets, and Windows phones Integrate Microsoft Azure cloud databases and RESTful web services About You For software developers who are new to Visual C# or who are upgrading from older versions Readers should have experience with at least one programming language No prior Microsoft .NET or Visual Studio development experience required

Offers a series of lessons explaining how to use the object-oriented computer language to develop Internet applications within the .NET framework.

* The only book that shows how to build cross-platform .NET applications: provides hands-on experience with the revolutionary Mono and Portable.NET projects on Linux and Mac OS X. * Describes how to build cross-platform GUIs that run on any .NET implementation. * Promotes best practices through the use of design patterns and automated testing and building tools, such as NUnit and NAnt.

A guide to using the Microsoft .NET forms package covers such topics as form layout, custom drawing, data binding, multithreaded user interfaces, and moving from MFC.

- Ted Pattison is a revered Visual Basic developer, trainer, and author >• Addresses the main stumbling point keeping experienced Visual Basic 6 developers from migrating to Visual Basic .NET >• Provides not only a deep conceptual understanding of object-oriented theory from a Visual Basic perspective, but also a practical guide to using modern OOP concepts effectively

The typical user of this book will be past users of Visual C++ looking to get up to speed quickly on developing applications for the

.NET framework in Visual C++.

Working with data and databases in C# certainly can be daunting if you're coming from VB6, VBA, or Access. With this hands-on guide, you'll shorten the learning curve considerably as you master accessing, adding, updating, and deleting data with C#—basic skills you need if you intend to program with this language. No previous knowledge of C# is necessary. By following the examples in this book, you'll learn how to tackle several database tasks in C#, such as working with SQL Server, building data entry forms, and using data in a web service. The book's code samples will help you get started on your own projects. Create a Windows Forms application with a datagrid Connect to multiple data sources, including Access and SQL Server Add, edit, and update data in a database you choose and design Enable users to choose their data source at runtime Learn the roles of DataTable, DataView, BindingSource, Filters, and other objects Understand where variables are declared and how they impact the code Build a simple web service that connects to a database

In this all inclusive guide for experienced programmers, the authors show howto develop stand-alone Windows applications. .NET Windows Forms are a new programming paradigm introduced with Microsoft's .NET initiative. Windows Forms are very similar to Web Forms, which allow programmers to build complex Web application interfaces easily, sharing the same underlying framework and programming concepts. Windows Forms, however, are used for the Win32 platform, instead of the Internet, and allow programmers to build traditional Windows desktop-based applications structured around .NET. Sams Teach Yourself .NET Windows Forms in 21 Days covers all the major aspects of Windows Forms necessary to build professional, functional applications. This book follows the tried-and-tested 21 Days tutorial model to guide the reader through Windows Forms. It features code examples and tips for programmers migrating from pre-Windows Forms Microsoft technologies. The reader will be introduced to the many controls available for .NET Windows Forms and how to build them, learn how to create events and event handlers, explore ADO.NET and methods to retrieve data from dynamic data sources, and learn how to take advantage of the Internet and Internet Explorer from their .NET Windows Forms applications. As readers advance through the tutorials, they progress toward more advanced topics and projects by creating simple graphical applications and enhancing existing ones, learn how to integrate with other .NET applications, use Web services, build Windows services, build Windows Forms controls, create multi-threaded applications, work with COM and COM+ configure and deploy .NET Windows Forms, and how to de-bug .NET Windows Forms.

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