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WPF 4.5 Unleashed Adam Nathan 2013-07-12 The #1 WPF Book--Now Updated for WPF 4.5! Thorough, authoritative coverage, practical examples, clear writing, and full-color presentation make this one of the most widely acclaimed programming books of the last decade. Windows Presentation Foundation (WPF) is the recommended technology for creating modern Windows desktop apps. Whether you want to develop traditional user interfaces or integrate 3D graphics, audio/video, animation, dynamic skinning, touch, rich document support, speech recognition, or more, WPF enables you to do so in a seamless, resolution-independent manner that scales from small tablets to large TVs. WPF 4.5 Unleashed is the authoritative book that covers it all, in a practical and approachable fashion, authored by WPF guru and Microsoft architect Adam Nathan. Covers everything you need to know about Extensible Application Markup Language (XAML) Examines the WPF feature areas in incredible depth: controls, layout, resources, data binding, styling, graphics, animation, and more Delves into topics that aren't covered by most books: 3D, speech, audio/video, documents, effects Shows how to create popular UI elements and leverage built-in controls such as the new Office-style Ribbon Demonstrates how to create sophisticated UI mechanisms, such as Visual Studio-like collapsible/dockable panes Explains how to create first-class custom controls for WPF Demonstrates how to create hybrid WPF software that leverages Windows Forms, DirectX, ActiveX, or other non-WPF technologies Explains how to exploit desktop features, such as Jump Lists and taskbar customizations, and the same toast notifications used by Windows Store apps

Wpf 4.5 Unleashed Paige A. Macdonald 2015-08-08 Thought-provoking and accessible in approach, this updated and expanded second edition of the WPF 4.5 Unleashed provides a user-friendly introduction to the subject, Taking a clear structural framework, it guides the reader through the subject's core elements. A flowing writing style combines with the use of illustrations and diagrams throughout the text to ensure the reader understands even the most complex of concepts. This succinct and enlightening overview is a required reading for advanced graduate-level students. We hope you find this book useful in shaping your future career. Feel free to send us your enquiries related to our publications to info@risepress.pw Rise Press

Microsoft Expression Blend 4 Unleashed Brennon Williams 2011-04-08 This book has one primary goal: to get you working in Expression Blend 4 effectively using the features and functionality of the tool. This book is not about XAML, not about code nor explicit work flows. It is about simply dragging, dropping, drawing, and defining the experience and vision for a user interface and rich interactive experience. You

will learn how to work with the core features of Blend, edit Styles and Templates, and more importantly, understand what they all mean. You will also work in detail with Parts, States, and Behaviors to understand how collectively they can provide your solutions advanced functionality without the need for code or hand-cranked XAML. Animations and Storyboards will allow you to bring life to your vision, as will working with data efficiently and learning how to create and manage Resources. In short, this book will give you the answers to many questions asked in forums by new and experienced users alike. Microsoft Expression Blend 4 Unleashed is a stunning, full-color resource with hundreds of screenshots and informative figure references. It has also been authored sequentially, to enable you to build your knowledge step-by-step and gain confidence through repartition and fearlessness in discovery. Detailed information on how to... Create, edit, and work effectively with Styles and Templates Master Parts, States, and Behaviors to enable XAML and code free functionality Use Blend's Animation and Storyboard workflows to bring life to your solutions Create and manage Resource Dictionaries, Skins, and Themes Create sample and live data Implement effective XML, CLR Data binding, and Control Template binding using Expression Blends advanced data support tools Use Blend as part of your designer/developer workflow to create rapid prototypes with SketchFlow Use design resources to start creating solutions for Windows Phone 7 Work with WPF, Silverlight, and Silverlight for Windows Phone 7 platforms

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.

Windows 8 Apps with XAML and C# Unleashed Adam Nathan 2012-12-12 Windows 8 enables you to build stunning applications that integrate with each other, services, and Windows itself like never before. And you can sell them in the Windows Store for tablets such as Surface, laptops, and traditional desktop PCs! Now, world-renowned Microsoft programming guru Adam Nathan shows you exactly how to write first-class apps for this radically new version of Windows. Clear, accessible, and intensely practical, this guide teaches through concise code examples, fully color-coded to match their appearance in Visual

Studio--the same approach that made Nathan's WPF 4 Unleashed so popular. Writing with unprecedented depth and insight, Nathan guides you through creating advanced user interfaces with XAML and exploiting key Windows 8 features such as touch, sensors, charms, and live tiles. Whether you're already comfortable with Microsoft programming or relatively new to it, Windows 8 Apps with XAML and C# Unleashed will take you to the cutting edge of Windows 8 development. Detailed information on how to... Use XAML to represent state-of-the-art user interfaces Ensure app usability on multiple devices and form factors Handle touch, mouse, pen, and keyboard input Manage the high-performance, low-power Windows 8 app lifecycle Use Windows 8 controls for managing lists, rich text, images, multimedia, and more Encode, decode, and transcode multimedia content Leverage rich XAML vector graphics and animation Make the most of styles and templates Interact with built-in functionality such as the Camera app, file picker, contact picker, the lock screen, and more Exploit the Windows 8 charms bar with contracts and extensions Work with the rich set of available sensors: accelerometer, compass, light sensor, location, proximity, and more

.NET and COM Adam Nathan 2002-01-31 This is the eBook version of the printed book. If the print book includes a CD-ROM, this content is not included within the eBook version. The focus of the book is on COM Interoperability (since it's a much larger subject), and the heart of the discussion is broken down into four parts: Using COM Components Within the .NET Framework Using .NET Framework Components from COM Designing Good .NET Framework Components for COM Clients Designing Good COM Components for .NET Framework Clients The scope of the book is just about everything related to using "unmanaged code" in the .NET Framework. Technologies built on top of COM Interoperability are also covered-Interoperability of Windows Forms Controls and ActiveX controls, Interoperability with COM+, and Interoperability with Distributed COM (DCOM). Although Platform Invocation Services is a separate technology from COM Interoperability, there are many areas of overlap, so including in the book is a natural fit. All of these technologies are a core part of the Common Language Runtime and .NET Framework, and will likely be used not only as the path of migration for existing software projects, but for brand new software development for the next several years.

Illustrated WPF Daniel Solis 2010-02-13 Windows Presentation Foundation is Microsoft's API for creating Windows applications. It gives the programmer the ability to produce dazzling, graphics–rich programs easily without having to delve into the messy details of the graphics subsystem. To use this power, however, the programmer must learn new concepts for laying out pages and displaying graphics. Illustrated WPF presents these concepts clearly and visually—making them easier to understand and retain.

C# 5.0 Unleashed Bart De Smet 2013-04-17 Buy the print C# 5.0 Unleashed and get the eBook version for free! See inside the book for access code and details. C# 5.0 Unleashed is for anyone who wants to learn the C# programming language in depth, understanding how language features truly work. While giving you those insights, you learn where and how to use the features to design various kinds of software. This book not only teaches the language's capabilities, it also looks behind the scenes to build a solid foundation to aid you in understanding the .NET platform as a whole. ¿ Bart De Smet offers exceptional insight into the features of both the language and Microsoft's broader framework. He doesn't just cover the "what" and "how" of effective C# programming: He explains the "why," so you can consistently choose the right language and platform features, maximizing your efficiency and effectiveness. ¿ The early chapters introduce the .NET platform, the tooling ecosystem, and the C# programming language, followed by in-depth coverage of the C# programming language itself, with immediate application of language features. The last chapters give an overview of the .NET Framework libraries about which every good developer on the platform should know. Understand the .NET platform:

its language support, libraries, tools, and more Learn where C# fits, how it has evolved, and where it's headed Master essential language features including expressions, operators, types, objects, and methods Efficiently manage exceptions and resources Write more effective C# object-oriented code Make the most of generics, collections, delegates, reflection, and other advanced language features Use LINQ to express queries for any form of data Master dynamic programming techniques built on .NET's Dynamic Language Runtime (DLR) Work with namespaces, assemblies, and application domains Write more efficient code using threading, synchronization, and advanced parallel programming techniques Leverage the Base Class Library (BCL) to quickly perform many common tasks Instrument, diagnose, test, and troubleshoot your C# code Understand how to use the new C# 5.0 asynchronous programming features Leverage interoperability with Windows Runtime to build Windows 8 applications

XAML Unleashed Adam Nathan 2014-12-22 Full Color: Figures and code appear as they do in Visual Studio. If you want to write Windows apps with XAML, one person can help you more than anyone else: Adam Nathan. He has built a well-deserved reputation as the world's #1 expert on putting it to work. Now, he's written the definitive, practical XAML tutorial and reference: XAML Unleashed. Nathan answers the questions you're most likely to ask, walks through the tasks you're sure to perform, and helps you avoid problems as you use XAML. You'll learn how to create effective user interfaces for line-of-business apps, consumer apps, reusable controls, or anything else. These techniques will be invaluable whether you're creating universal Windows apps or working with Silverlight or WPF. XAML Unleashed is packed with C# and XAML code examples that are fully color-coded to match their appearance in Visual Studio-- the same approach that has made Nathan's previous Unleashed books so popular. Detailed information on how to... Understand and apply XAML's syntax, namespaces, and keywords Organize controls and other elements in a smooth and intuitive user interface Make the most of XAML's rich controls for content, items, images, text, and media Build exceptionally powerful user and custom controls Master reliable and efficient ways to mix XAML with procedural code Extend XAML with type converters, markup extensions, and other third-party desktop classes Use data binding to link and synchronize controls with in-memory representations of data Leverage XAML's support for binary and logical resources Use styles, templates, and visual states to radically redesign controls without sacrificing their built-in functionality Access the Windows animation library to create stunning theme transitions and animations Build custom panels to enforce consistency in unusual user interfaces Understand subtle changes in XAML's behavior across different Microsoft UI frameworks

Silverlight 2 Unleashed Laurent Bugnion 2008-10-15 Full Color Code samples appear as they do in Visual Studio and Expression Blend! Printed entirely in color, with helpful figures and syntax coloring to make code samples appear as they do in Visual Studio and Expression Blend! Silverlight is Microsoft's new web-based User Interface (UI) technology, based on Windows Presentation Foundation (WPF), which is introducing many revolutionary concepts in the world of UI development. Silverlight uses XAML, with tools like Expression Design and Expression Blend, to create astonishing UI effects (such as gradients, compositions, and animations.) In addition to the richness of the UI elements, Silverlight 2 allows the use of C# or VB in addition to JavaScript to automate web pages. With Silverlight, you have the power of .NET on multiple platforms (IE and Firefox on Windows, Firefox and Safari on Macintosh, and Firefox on Linux). The author brings you up to speed very quickly with numerous hands-on examples. Use XAML to create state-of-the-art user interfaces Create XAML transforms and animations Design compelling user experiences with Microsoft Expression Blend Integrate media into your rich Internet applications Program Silverlight with both JavaScript and .NET languages Deploy Silverlight content to web pages Encode videos with Expression Media Encoder Make the most of Silverlight elements, resources, and styles Use templates to quickly change your application's look and feel Efficiently debug Silverlight code Use design tools to create graphics that import seamlessly into Silverlight Laurent Bugnion has been a software

engineer since 1996. He has worked with many programming languages and environments, including C, C++, Java, HTML/CSS/JavaScript, and, since 2002, the Microsoft .NET platform. He has been honored twice as a Microsoft MVP: first for ASP.NET and now for Client Application Development. He blogs about Silverlight and related technologies at http://blog.galasoft.ch. ON THE WEB: Download all examples and source code presented in this book from informit.com/title/9780672330148 Category: Microsoft Programming/Web Programming Covers: Microsoft® Silverlight 2 User Level: Beginning—Intermediate

Windows 8. 1 Apps with XAML and C# Unleashed Adam Nathan 2013 Provides information on building touch-based applications for Windows 8.1 using C# and XAML.

Windows Presentation Foundation Unleashed Adam Nathan 2006-12-21 Printed entirely in color, with helpful figures and syntax coloring to make code samples appear as they do in Visual Studio. Windows Presentation Foundation (WPF) is a key component of the .NET Framework 3.0, giving you the power to create richer and more compelling applications than you dreamed possible. Whether you want to develop traditional user interfaces or integrate 3D graphics, audio/video, animation, dynamic skinning, rich document support, speech recognition, or more, WPF enables you to do so in a seamless, resolution-independent manner. Windows Presentation Foundation Unleashed is the authoritative book that covers it all, in a practical and approachable fashion, authored by .NET guru and Microsoft developer Adam Nathan. · Covers everything you need to know about Extensible Application Markup Language (XAML) · Examines the WPF feature areas in incredible depth: controls, layout, resources, data binding, styling, graphics, animation, and more · Features a chapter on 3D graphics by Daniel Lehenbauer, lead developer responsible for WPF 3D · Delves into non-mainstream topics: speech, audio/video, documents, bitmap effects, and more · Shows how to create popular UI elements, such as features introduced in the 2007 Microsoft Office System: Galleries, ScreenTips, custom control layouts, and more · Demonstrates how to create sophisticated UI mechanisms, such as Visual Studio-like collapsible/dockable panes · Explains how to develop and deploy all types of applications, including navigation-based applications, applications hosted in a Web browser, and applications with great-looking non-rectangular windows · Explains how to create first-class custom controls for WPF · Demonstrates how to create hybrid WPF software that leverages Windows Forms, ActiveX, or other non-WPF technologies · Explains how to exploit new Windows Vista features in WPF applications

Sams Teach Yourself WPF in 24 Hours Christopher Bennage 2008-06-19 Printed entirely in color, with helpful figures and syntax coloring to make code samples appear as they do in Visual Studio. In just 24 sessions of one hour or less, you will be able to begin effectively using WPF to solve real-world problems, developing rich user interfaces in less time than you thought possible. Using a straightforward, step-by-step approach, each lesson builds on a real-world foundation forged in both technology and business matters, allowing you to learn the essentials of WPF from the ground up. Step-by-step instructions carefully walk you through the most common questions, issues, and tasks. The Q&A sections, quizzes, and exercises help you build and test your knowledge. By the Way notes present interesting pieces of information. Did You Know? tips offer advice or teach an easier way to do something. Watch Out! cautions advise you about potential problems and help you steer clear of disaster. Learn how to... Use XAML to build user interfaces Leverage data binding to minimize tedious code Create visually engaging applications Architect and design WPF applications using proven patterns such as MVP Incorporate audio and video into your applications Customize controls with styles, templates, and animation Apply best practices for developing software with WPF Deploy WPF applications to the desktop and Web Take advantage of WPF's advanced printing capabilities Grow as a developer by improving your overall software design skills Introduction 1 Part I Getting Started 1 What WPF Is and Isn't 5 2 Understanding XAML 17 3 Introducing the Font Viewer 27 4 Handling Application Layout 41 5 Using Basic Controls 59 6

WPF 4.5 Unleashed Adam Nathan 2013 Looks at the features and functions of Windows Presentation Foundation, covering such topics as XAML, creating an application object, content controls, pages and navigation, commands, data binding, and data templates.

System Center 2012 Operations Manager Unleashed Kerrie Meyler 2013 'System Center Operations Manager 2012 Unleashed' joins Sams' market-leading series of books on Microsoft's System Center product suite: books that have achieved go-to status amongst IT implementers and administrators worldwide. The book provides coverage of planning, installation, and migration; configuration; and much more --

WPF 4 Unleashed Adam Nathan 1900 This is the eBook version of the printed book. If the print book includes a CD-ROM, this content is not included within the eBook version. The #1 WPF Book--Now Updated for WPF 4! Full Color: Code samples appear as they do in Visual Studio! Thorough, authoritative coverage, practical examples, clear writing, and full-color presentation make this one of the most widely acclaimed programming books of the last decade. Windows Presentation Foundation (WPF) is the recommended technology for creating Windows user interfaces, giving you the power to create richer and more compelling appli.

Microsoft Visual Studio LightSwitch Unleashed Alessandro Del Sole 2012-02-06 Microsoft® Visual Studio® LightSwitch® Unleashed Alessandro Del Sole Microsoft Visual Studio LightSwitch represents a breakthrough in business application development for Windows clients, the Web, and the cloud. Using this new tool, you can build powerful data-centric applications with far less code than ever before. Microsoft Visual Studio LightSwitch Unleashed is the first comprehensive, start-to-finish guide to this powerful new tool. Written by longtime Visual Basic expert and Microsoft MVP Alessandro Del Sole, this book covers everything Microsoft developers need to know to make the most of LightSwitch–from the absolute basics to the most advanced enterprise techniques. You learn how to use LightSwitch to build modern, scalable, customized line-of-business applications that automatically leverage technologies such as Silverlight, WCF, and SQL Server Express with no effort or expertise on your part. Through hands-on examples, Del Sole guides you through building solutions that can integrate and analyze business information from virtually any source, crafting custom logic that solves your company's unique problems, and delivering state-of-the-art usability through professional-quality user interfaces. Implement features such as screen navigation, data interaction, paging, and Excel export, with absolutely no coding Build simple data-centric applications and add power to them with relationships and details Rapidly create customized queries, filters, sorts, and reports Aggregate data from many locations, including SharePoint, SQL Server, and the cloud Simplify the implementation of application-level data validation Protect your applications with authentication and authorization Fine tune your code for scalability and performance Streamline deployment to local computers, web servers, and the Windows Azure cloud Use .NET code to define custom behaviors related to data and the user interface Understand how LightSwitch applications are architected and how they are handled by Visual Studio Use LightSwitch with other Visual Studio tools

to manage the entire application life cycle Efficiently debug LightSwitch code–and create code that's easier to debug Category: Microsoft Programming Covers: LightSwitch User Level: Intermediate—Advanced ON THE WEB: Download all examples and source code presented in this book as they are available from informit.com/title/9780672335532

101 Windows Phone 7 Apps, Volume I Adam Nathan 2011-04-08 Full Color INCLUDES COMPLETE CODE AND ASSETS FOR EACH APP IN THIS VOLUME! Got a great idea for an app? There's a chapter for that! Calling all developers: Windows Phone 7 is starting to gain traction, and the opportunity is yours to sell the next killer app! 101 Windows Phone 7 Apps is a book series like no other–best-selling author and Microsoft developer Adam Nathan walks you through the process of building 101 real, robust, diverse, and marketplace-certified Silverlight applications. You not only get online access to the full source code and related assets, but the book is chock full of tips, warnings, and advice that can only come from Adam's experience of writing so many complete applications and selling them in the Windows Phone Marketplace. Imagine how long it would take you to develop and test 50 apps and how much you would learn from the experience. Rather than spending all that time starting from scratch, use this book to hit the ground running! Whether you simply make cosmetic changes to apps in this book (for example, creating kid-themed versions), repurpose apps (such as building a mortgage calculator based on Chapter 10's tip calculator), or build something completely unique, this book can greatly accelerate your development time and help you create high-quality apps. Sell your apps in the Windows Phone Marketplace and make this book pay for itself! Volume I contains the first 50 apps and covers the following: Everything you need to know about Silverlight Fully exploiting phone features such as the application bar, hardware/software keyboards, multi-touch, accelerometer, microphone, and more Using rich controls such as pivots, panoramas, and controls in free toolkits, such as date/time pickers, toggle switches, charts, and graphs Building your own custom controls, including popular ones missing from the platform, such as a checkable list box, multi-select picker box, and color picker Broadly applicable pages, such as a photo-cropping page and accelerometer-calibration page How to make your app look and feel like a first-party app Practical tips on a wide range of topics, even acquiring and creating sound effects, using custom fonts, and creating icons

Silverlight 1.0 Unleashed Adam Nathan 2007-10-16 Full Color Code samples appear as they do in Visual Studio and Expression Blend! Printed entirely in color, with helpful figures and syntax coloring to make code samples appear as they do in Visual Studio and Expression Blend! Silverlight is a lightweight but powerful plug-in for multiple web browsers on multiple operating systems that makes it easier than ever to create rich web-based content, applications, and controls. With support for vector graphics, animations, full-screen high-definition video, and more, Silverlight gives you the ability to create more compelling content than you dreamed possible for Windows, Mac OS X, and Linux. Silverlight provides much of the power of Windows Presentation Foundation, but with less overhead and easy integration with HTML and AJAX-style applications. Silverlight 1.0 Unleashed is the authoritative book that covers the technology in a practical and approachable fashion, authored by Silverlight guru and Microsoft developer Adam Nathan. Covers everything you need to know about Extensible Application Markup Language (XAML) in Silverlight Examines the Silverlight feature areas in depth: graphics, text, audio, video, animation, ink, events, and more Demonstrates how to create reusable controls and perform common tasks (such as drag-and-drop) using basic building blocks Explains how to download assets asynchronously to maximize your user experience Demonstrates how to create hybrid applications that mix Silverlight content with HTML or Flash content Highlights features scheduled for future versions of Silverlight while showing how to achieve your desired results with the current version Introduction 1 Part I Fundamentals 1 Getting Started 9 2 XAML 39 Part II Creating Static Content 3 Shapes, Lines, and Curves 61 4 Text 83 5 Brushes and Images 99 6 Positioning and Transforming Elements 117 Part III Making Your

Content Come to Life 7 Responding to Input Events 143 8 Downloading Content on Demand 179 9 Animation 191 10 Audio and Video 219

WPF Control Development Unleashed Pavan Podila 2009-09-11 WPF Control Development Unleashed Building Advanced User Experiences In this book, two leading Windows Presentation Foundation experts give developers everything they need to build next-generation WPF applications–software that is more robust, usable, and compelling. Drawing on their close ties with Microsoft's WPF development team, Pavan Podila and Kevin Hoffman give you a clear, robust, and practical understanding of WPF, its underpinnings, its overall architecture, and its design philosophy. Podila and Hoffman introduce never-before-published WPF design patterns and support them with robust, real-world code examples–all presented in full color, just as they appear in Visual Studio. The authors begin by explaining how to "think in WPF," and then introduce powerful new techniques for everything from handling 3D layouts to creating game-like physics effects. Along the way, they offer in-depth coverage of data binding, building interactivity, and control development: three of WPF's most challenging concepts. You'll learn how to choose the right WPF features for every programming challenge, and use those features far more creatively and effectively. If you want to build truly outstanding WPF applications, this is the book that will get you there. Master the patterns and techniques you need to build state-of-the-art WPF applications Write more powerful and effective applications that reflect a deep understanding of WPF's design philosophy Learn how WPF has evolved, and take full advantage of its growing sophistication Make the most of advanced declarative programming techniques Leverage IScrollInfo, virtualization, control theming, and other complex features Build more powerful interactivity into your WPF applications Create more visual software with 3D elements, custom animations, and shader effects Optimize WPF application performance in real-world environments Master design patterns for organizing your controls more effectively Category: .NET Programming / WPF Covers: Windows Presentation Foundation User Level: Intermediate—Advanced

Learn WPF MVVM - XAML, C# and the MVVM pattern Arnaud Weil 2016-11-08 Résumé : Packed with exercises which build up into a full project, this concise resource provides you with the tools you need to code your first WPF application using the MVVM pattern. --

Visual Basic 2012 Unleashed Alessandro Del Sole 2013-01-17 Normal 0 false false false MicrosoftInternetExplorer4 Fully updated for Windows 8 support, .NET 4.5, and Windows Phone development, this is the most comprehensive, practical reference to modern programming with Visual Basic 2012. Written by Visual Basic MVP Alessandro Del Sole, a long-time leader of the global VB community, this book illuminates the core of the VB language and demonstrates its effective use in many current programming scenarios. Del Sole covers both Visual Basic 2012 Professional Edition for professional developers and the Express Edition for hobbyists, novices, and students. Writing for VB programmers at all levels of experience, he walks through using VB 2012 for data access, Windows desktop/Windows Phone user interface development, networking, communication, and much more. For those moving from structured languages—including VB 6—Del Sole offers detailed guidance on building effective object-oriented code. He also demonstrates how to make the most of Microsoft's updated .NET 4.5 platform to write more robust and powerful software. Detailed information on how to... ¿ Understand the Visual Studio 2012 IDE, .NET Framework 4.5, and the anatomy of a VB 2012 application ¿ Debug VB applications and implement error handling and exceptions ¿ Build efficient object-oriented software with classes, objects, namespaces, and inheritance ¿ Work with advanced object-oriented features, including interfaces, generics, delegates, events, and collections ¿ Access data with LINQ—including LINQ to Objects, SQL, DataSets, Entities, XML, and Parallel LINQ ¿ Build modern Windows applications with WPF ¿ Develop web-centric applications using ASP.NET, Silverlight 5, and Windows Azure Services cloud

computing ¿ Use advanced .NET 4.5 platform capabilities, including asynchronous programming, multithreading, parallel programming ¿ Build apps for Windows Phone ¿ Test code with unit tests, TDD, and code contracts ¿ Deploy apps efficiently with InstallShield for Visual Studio and ClickOnce

Microsoft Visual Studio 2008 Unleashed Lars Powers 2008-05-30 Microsoft® Visual Studio 2008 Unleashed is an end-to-end, deep dive into the Visual Studio development environment. It's meant to provide you guidance on how you can squeeze the ultimate productivity out of the many features built into the .NET development tools. Understanding how to use your tools will make you a better developer. This book was written with that premise as its focus. The authors have folded in real-world development experience alongside detailed information about the IDE. The result is practical, easy-to-employ information that will make you a more productive and complete developer. This book also helps to ease your transition from other development environments and former versions of Visual Studio. Finally, this book provides an entire section dedicated to Visual Studio Team System. It will help you understand how the Team Architect, Team Developer, Team Database Developer, and Team Tester work with the Team Foundation Server to increase team collaboration, visibility, and productivity. Microsoft® Visual Studio 2008 Unleashed provides straight, to-the-point answers to common developer questions about the IDE. Detailed Information on... What's new in Visual Studio 2008 Working with solutions, projects, editors, and designers Writing ASP.NET applications Writing and consuming Web Services using Windows Communication Foundation (WCF) Writing Windows Forms and Windows Presentation Foundation (WPF) applications Creating and hosting workflow-based applications using Windows Workflow Foundation (WF) Working with data and databases Refactoring code Debugging code Automating the IDE Writing macros, add-ins, and wizards Using team collaboration and the Visual Studio Team System products Managing source code changes Tracking projects with Team Foundation Server and work items Modeling applications Performing unit, web, and load testing Working with Team Foundation Build

Windows 8.1 Apps with XAML and C# Unleashed Adam Nathan 2013-12-09 Full color: Learn how to build great Windows Store apps! Figures and code appear as they do in Visual Studio. Windows 8.1 enables you to build stunning applications that integrate with each other, Web services, and Windows itself. You can sell them in the Windows Store, with more options than ever before, for tablets such as Surface, laptops, and traditional desktop PCs! World-renowned Microsoft programming guru Adam Nathan shows you exactly how to write first-class apps for this significant update to Windows. Don't let the minor name change fool you--Windows 8.1 contains an incredible amount of new developer opportunities compared to Windows 8. Clear, accessible, and intensely practical, this guide teaches through concise code examples, in full color to match their appearance in Visual Studio--the same approach that made Nathan's WPF Unleashed so popular. Writing with unprecedented depth and insight, Nathan guides you through creating advanced user interfaces with XAML and exploiting key Windows 8.1 features. Whether you're already comfortable with Microsoft programming or relatively new to it, Windows 8.1 Apps with XAML and C# Unleashed will take you to the cutting edge of Windows 8.1 development. Detailed information on how to... Use XAML to represent state-of-the-art user interfaces, even across multiple windows Handle touch, mouse, keyboard, and pen input, including handwriting recognition Use new Windows 8.1 controls for creating hubs, flyouts, better app bars, performing in-app searches, rendering PDFs, and much more Encode, decode, and transcode multimedia content and speech-enable your app Leverage rich XAML vector graphics and animation Interact with built-in functionality such as the Camera app, file picker, the lock screen, new contacts and appointments integration, and more Exploit the Windows 8.1 charms bar Integrate DirectX graphics seamlessly Work with the rich set of available sensors: accelerometer, compass, light sensor, location (with geofencing support), proximity, and more Control devices such as fingerprint readers, image and bar code scanners, magnetic stripe readers, and custom Bluetooth, USB, HID, or Wi-Fi Direct devices

Windows 8. 1 Apps with XAML and C# Unleashed Adam Nathan 2013 Provides information on building touch-based applications for Windows 8.1 using C# and XAML.

MVVM Unleashed Michael Brown 2012-10-25 Using the Model View View-Model (MVVM) pattern, .NET developers can create more robust and powerful Silverlight and WPF applications, get to market more rapidly, and simplify both maintenance and upgrades. In MVVM Unleashed, two-time Microsoft MVP Mike Brown demonstrates how to use MVVM to overcome many of the most difficult challenges traditionally associated with Silverlight and WPF development. Brown presents realistic code samples illuminating each "pain point" and showing how MVVM and its supporting patterns can be used to address them. This book goes far beyond theory, presenting useful advice and code derived from the author's four years' experience building production WPF and Silverlight applications. Brown shows how to leverage MVVM's potential benefits for maintainability, testability, "blendability," and portability. In addition, he thoroughly covers closely-related "supporting patterns" for efficiently structuring applications - including patterns that have evolved from the practice of minimizing code-behind. MVVM Unleashed will be valuable to every Silverlight and WPF developer, including the growing number of developers now building Windows Phone 7 apps.

Universal Windows Apps with XAML and C# Unleashed Adam Nathan 2015 With Microsoft new Universal Windows Apps tools, it's easy to share code between Windows 8.1 and Windows Phone 8.1 XAML apps. Now, developers can deliver beautiful end user experiences on all new Windows devices, with radically less cost and development effort. This means they can painlessly extend their conventional PC development work to fast-growing tablet and smartphone markets. In Universal Windows Apps with XAML and C# Unleashed, the world's #1 XAML expert shows Windows developers how to do all this, and more. Just as he did in previous best-sellers like Windows Presentation Foundation Unleashed and Windows 8 Apps with XAML and C# Unleashed, Adam Nathan delivers comprehensive coverage, accessible explanations, and plenty of outstanding full-color code samples. Drawing on his unsurpassed experience with modern Windows mobile development, Nathan shows how to build the apps you want to build -- not just the apps Microsoft's SDK makes easy. You'll learn how to unify your Visual Studio code bases for assets ranging from user controls to styles, graphics, and animation. You'll even learn how to unify your monetization, delivering apps and in-app purchases on both Windows and Windows Phone through a single purchase.

Practical WPF Charts and Graphics Jack Xu 2010-08-11 Creating 2D and 3D charts is one of the most common uses of computer graphics. Such charts can have wide applications in representing mathematical, physical, and economic functions in your daily life. Whether you are an engineer, a quantitative analyst, a teacher, or a student, you will end up dealing with charting applications to some degree. Windows Presentation Foundation (WPF) is a next-generation graphics platform that enables you to build advanced user interfaces incorporating documents, media, 2D and 3D graphics, and animations. It is an ideal development tool that allows you to not only generate data, but also easily represent data graphically. Practical WPF Charts and Graphics provides all the tools you will need to develop professional chart and graphics applications in WPF and C#. This book will be useful for WPF and C# programmers of all skill levels, providing a complete and comprehensive explanation of WPF's graphics capability and the creation of various charts, and paying special attention to the details of code implementation.

Programming WPF Chris Sells 2007-08-28 If you want to build applications that take full advantage of Windows Vista's new user interface capabilities, you need to learn Microsoft's Windows Presentation Foundation (WPF). This new edition, fully updated for the official release of .NET 3.0, is designed to get you up to speed on this technology quickly. By page 2, you'll be writing a simple WPF application. By the

end of Chapter 1, you'll have taken a complete tour of WPF and its major elements. WPF is the new presentation framework for Windows Vista that also works with Windows XP. It's a cornucopia of new technologies, which includes a new graphics engine that supports 3-D graphics, animation, and more; an XML-based markup language, called XAML, for declaring the structure of your Windows UI; and a radical new model for controls. This second edition includes new chapters on printing, XPS, 3-D, navigation, text and documents, along with a new appendix that covers Microsoft's new WPF/E platform for delivering richer UI through standard web browsers -- much like Adobe Flash. Content from the first edition has been significantly expanded and modified. Programming WPF includes: Scores of C# and XAML examples that show you what it takes to get a WPF application up and running, from a simple "Hello, Avalon" program to a tic-tac-toe game Insightful discussions of the powerful new programming styles that WPF brings to Windows development, especially its new model for controls A color insert to better illustrate WPF support for 3-D, color, and other graphics effects A tutorial on XAML, the new HTML-like markup language for declaring Windows UI An explanation and comparison of the features that support interoperability with Windows Forms and other Windows legacy applications WPF represents the best of the control-based Windows world and the content-based web world. Programming WPF helps you bring it all together.

Windows Phone 8 Unleashed Daniel Vaughan 2013-05-09 Windows® Phone 8 Unleashed is the definitive guide to Microsoft's new Windows Phone 8 platform for intermediate to advanced developers. Written by Microsoft MVP and leading Windows Phone and WPF innovator Daniel Vaughan, this full-color guide covers everything developers need to rapidly build highly competitive Windows Phone 8 mobile apps. Vaughan teaches through complete sample apps—leveraging the MVVM pattern—illuminating each key concept with fully explained code and real-world context. He presents best practices for building highly functional, maintainable, and attractive mobile interfaces; integrating touch, rich media, and data; testing; profiling; and more. Expanded and updated, Vaughan shares expert insights available in no other book, drawing on his exceptional access to the Windows Phone development team through the elite Microsoft Silverlight and WPF Insiders group. Along the way, he presents exceptionally practical and thorough coverage of many powerful new Windows Phone 8 platform enhancements, including full chapters on voice commands and speech synthesis, incorporating speech-driven experiences, Wallet integration, new Live Tile capabilities, the Nokia Maps control, launching apps via file and protocol associations, and much more. Detailed information on how to… * Get started quickly with Windows Phone XAML development in Visual Studio * Master the Capabilities Model, threading, and the Execution Model * Create attractive mobile interfaces using Windows Phone's rich set of controls, including the Windows Phone Toolkit * Make the most of the application bar and other interface elements * Enhance user experience with advanced support for touch, gestures, and sensors * Build location-aware apps that use Nokia Maps and location services * Incorporate speech-driven experiences * Quickly internationalize apps for global markets * Leverage Windows Phone 8's improved camera support * Connect apps to online services via SOAP, REST, and OData * Validate user input on the client side or via WCF services * Use Windows Phone 8's powerful local database support * Implement background actions, file transfers, and audio playback * Automatically launch your app using file and protocol associations * Unit test to find defects earlier, saving time and money

Windows Phone 7.5 Unleashed Daniel Vaughan 2012 A developer's guide that covers everything needed to build Windows phone 7.5 mobile apps.

Mastering Windows Presentation Foundation Sheridan Yuen 2020-03-30 Gain the expertise you need to build custom application frameworks and responsive and visually appealing user interfaces with WPF, C#, and .NET Key FeaturesDiscover a smarter way of working with WPF using the MVVM software

architectural patternCreate your own lightweight application framework to build your future applications uponUnderstand data binding and learn how to use it in an applicationBook Description Microsoft Windows Presentation Foundation (WPF) provides several libraries and APIs for developers to create engaging user experiences. This book features a wide range of simple through to complex examples to demonstrate how to develop enterprise-grade applications for Windows desktop with WPF. This updated second edition of Mastering Windows Presentation Foundation starts by covering the benefits of using the Model-View-ViewModel (MVVM) software architectural pattern with WPF, before guiding you through debugging your WPF apps. The book will then take you through the application architecture and building the foundation layer for your apps. As you advance, you'll get to grips with data binding, explore the various built-in WPF controls, and customize them to suit your requirements. You'll learn how to create custom controls to meet your needs when the built-in functionality is not enough. You'll also learn how to enhance your applications using practical animations, stunning visuals, and responsive data validation. To ensure that your app is not only interactive but also efficient, you'll focus on improving application performance, and finally, discover the different methods for deploying your applications. By the end of this book, you'll be proficient in using WPF for developing efficient yet robust user interfaces. What you will learnDiscover MVVM and how it assists development with WPFImplement your own custom application frameworkBecome proficient with Data BindingUnderstand how to adapt the built-in controlsGet up to speed with animationsImplement responsive data validationCreate visually appealing user interfacesImprove application performanceLearn how to deploy your applicationsWho this book is for This Windows book is for developers with basic to intermediate-level knowledge of Windows Presentation Foundation and for those interested in simply enhancing their WPF skills. If you're looking to learn more about application architecture and designing user interfaces in a visually appealing manner, you'll find this book useful.

XAML Developer Reference Ashish Ghoda 2011-12-15 Your expert guide to designing and building dynamic user interfaces Sharpen your application design and development skills using XAML—the declarative markup language used in Microsoft Silverlight and Windows Presentation Foundation (WPF). Led by two XAML experts, you'll learn practical ways to build rich, interactive user interfaces with data integration capabilities and support for multimedia, graphics, and animation. This hands-on guide is ideal for Microsoft .NET developers and web designers alike. Discover how to: Control UI behavior and implement business logic with code-behind solutions Manage UI element positioning with the XAML layout system Use templates to customize UI elements—without affecting their functionality Apply different types of property and event systems in WPF and Silverlight Bind various kinds of data to your UI, and display them in the format you want Implement 2D and 3D vector graphics and animations Reuse control styles and properties to maintain consistency throughout your application

Programming the Windows Runtime by Example Jeremy Likness 2014-06-03 Master Windows 8.1/Windows Runtime Programming Through 80 Expert Projects This is the most complete, hands-on, solutions-focused guide to programming modern Windows applications with the Windows Runtime. Leading Windows development consultants Jeremy Likness and John Garland present easy-to-adapt C# and XAML example code for more than 80 projects. Their real-world application examples help you apply Windows 8.1's best improvements, including large tiles, the new search control, flyouts, command bars, native WinRT networking, and new deployment and sideloading options. Drawing on their pioneering experience, they illuminate key areas of the Windows Runtime API, offering uniquely detailed coverage of encryption, cloud connectivity, devices, printers, and media integration. You'll find cutting-edge tips and tricks available in no other book. This is an indispensable resource for all intermediate-to-advanced Windows developers, and for any architect building desktop, tablet, or mobile solutions with Microsoft technologies. Its focus on both C# and XAML will make it valuable to millions of Windows developers

already familiar with Silverlight, WPF, and/or .NET. Coverage includes • Creating robust app interfaces with the newest XAML controls, including flyouts and command bars • Saving data in a persistent "roaming zone" for syncing across Windows 8.1 devices • Using Visual State Manager (VSM) to build apps that adapt to various device resolutions and orientations • Integrating virtually any form of data into your apps • Connecting with web services, RSS, Atom feeds, and social networks • Securing apps via authentication, encrypting, signing, and single sign-on with Microsoft Account, Facebook, Google, and more • Leveraging Windows 8.1 media enhancements that improve battery life and app performance • Networking more effectively with Windows 8.1's revamped HTTP implementation and new location APIs • Using Tiles and Toasts to keep apps alive and connected, even when they aren't running • Enabling users to send content between devices via NFC tap and send • Ensuring accessibility and globalizing your apps • Efficiently debugging, optimizing, packaging, and deploying your apps • Building sideloadable apps that don't have to be published in Windows Store "This book doesn't just focus on singular concepts, it also provides end-to-end perspective on building an app in WinRT. It is one of those essential tools for Windows developers that will help you complete your software goals sooner than without it!" —Tim Heuer, Principal Program Manager Lead, XAML Platform, Microsoft Corporation

Microsoft Visual Studio 2012 Unleashed Mike Snell 2012-11-14 Normal 0 false false false MicrosoftInternetExplorer4 Microsoft Visual Studio 2012 significantly improves developer productivity across virtually all application lifecycle management tasks, while providing first-class support for Windows 8, Windows Phone, WindowsRT, and Windows Azure cloud development. This end-to-end deep dive will help working developers squeeze maximum productivity out of Microsoft's powerful new toolbox. 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 2012's revamped interface and discover multiple opportunities to leverage the updated .NET 4.5 platform it supports. By focusing entirely on Visual Studio 2012 Professional, the authors have gone deeper into Microsoft's core product than ever before. You'll find expert coverage of everything from debugging through refactoring, automation through enterprise-class 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... · Use Visual Studio 2012's new interface to significantly improve your productivity · Make the most of VS 2012's new WPF-based code editor · Work with solutions, projects, browsers, explorers, and designers · Create modern "Windows Store" applications for Windows 8 and Windows RT apps with VS 2012 and Windows Runtime Library · Develop websites with ASP.NET, ASP.NET MVC, and the Razor View Engine · Create richer, smarter user interfaces for software of all types · Build robust service oriented architecture (SOA)-based systems · Construct data-centric applications with LINQ and Entity Framework · Develop SharePoint and other Microsoft Office business applications · Write Windows Azure applications that live in the cloud · Instrument, analyze, and test your software · Refactor code for greater robustness, maintainability, and performance · Leverage brand-new improvements to Windows Workflow and Windows Communication Foundation Use VS 2012's one-click web deployment capabilities Extend VS 2012 with Managed Extensibility Framework (MEF) and Automation Object Model

Visual Basic 2015 Unleashed Alessandro Del Sole 2015-07-25 Using Visual Basic 2015, developers can build cutting-edge applications that run practically anywhere: on Windows desktops, new Windows 10 devices, in mobile and cloud environments, and beyond. Visual Basic 2015 Unleashed is the most comprehensive, practical reference to modern programming with VB 2015. Long-time Visual Basic MVP Alessandro Del Sole walks you through the latest version of the language, helping you thoroughly master its most valuable features, most powerful programming techniques, and most effective development patterns. Next, he shows how to use Visual Basic 2015 to build robust, effective software in a wide range

of environments. Extensively updated for Visual Basic 2015's major improvements, this guide covers both Visual Basic 2015 Professional Edition for professional developers and the free Community Edition for hobbyists, novices, and students. Del Sole has added detailed coverage of building new universal Windows apps for Windows 10 and using new Visual Studio 2015 capabilities to supercharge your productivity as a developer. If you want to leverage all of VB 2015's power, this is the book you need. Detailed information on how to... Understand the Visual Studio 2015 IDE, .NET Framework 4.6 and the new .NET Core 5, and the anatomy of a VB 2015 application Debug VB applications and implement error handling and exceptions Keep your code clean and well-organized with VB 2015's new refactoring tools Master modern VB object development: namespaces, modules, structures, enums, inheritance, interfaces, generics, delegates, events, collections, iterators, and more Share Visual Basic code with Portable Class Libraries and Shared Projects Access data with LINQ and ADO.NET Entity Framework Manipulate XML documents with LINQ and XML Literals Build and deploy applications to run in the Microsoft Azure cloud Develop universal Windows apps that run on any Windows 10 device Use advanced .NET 4.6 platform capabilities, including async and parallel programming, multithreading, assemblies, reflection, and coding attributes Leverage new compiler APIs to write custom domain-specific live code analysis rules Test code with unit tests and TDD Deploy apps efficiently with InstallShield for Visual Studio and ClickOnce

Pro WPF 4.5 in C# Matthew MacDonald 2013-02-01 Microsoft's Windows Presentation Foundation (WPF) provides you with a development framework for building high-quality user experiences for the Windows operating system. It blends together rich content from a wide range of sources and allows you unparalleled access to the processing power of your Windows computer. Pro WPF 4.5 in C# provides a thorough, authoritative guide to how WPF really works. Packed with no-nonsense examples and practical advice you'll learn everything you need to know in order to use WPF in a professional setting. The book begins by building a firm foundation of elementary concepts, using your existing C# skills as a frame of reference, before moving on to discuss advanced concepts and demonstrate them in a hands-on way that emphasizes the time and effort savings that can be gained.

Windows Presentation Foundation 4.5 Cookbook Pavel Yosifovich 2012-09-25 Over 100 advanced recipes to effectively and efficiently develop rich client applications on the Windows platform.

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

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

Essential Windows Presentation Foundation Chris Anderson 2007 Provides information on building applications with Windows Presentation Foundation.