

Wpf Unleashed

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Wpf 4.5 Unleashed - Spencer M. Riley 2015-08-19
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 all those interested in the subject . We hope you

find this book useful in shaping your future career & Business.

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.

Microsoft Expression Blend Unleashed -

Brennon Williams 2008

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

WPF Control Development Unleashed - Podila 2009

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.

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 Control Development Unleashed* - Pavan Podila 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. *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 o.

Windows Phone 7.5 Unleashed - Daniel Vaughan 2012

A developer's guide that covers everything needed to build Windows phone 7.5 mobile 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.

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

C# 3.0 Unleashed - Joseph Mayo 2008-07-23
Whether you need an approachable on-ramp to .NET or you want to enhance your skills, C# 3.0 Unleashed is a comprehensive, in-depth guide to the solutions you seek. You'll learn to do more with the new tools that are available, including Visual Studio 2008 and the .NET Framework Class

Libraries. Throughout this book, you'll get a practical look at what can be the most useful tools for any given task. You'll also learn common traps to avoid and learn insightful tips that will save you time and help you be more productive. C# 3.0 Unleashed contains complete coverage of the C# programming language. The author covers all the essential syntax, but keeps the focus on practical application. The chapters are arranged to take you step-by-step from the core of the C# language to elements of the .NET Framework, and further into advanced concepts on distributed n-tier Internet applications. Additionally, C# 3.0 Unleashed shows you how to debug, monitor, and scale enterprise applications, enabling you to use the C# programming language to ship the right code at the right time. What's included in this book: A complete reference for C# syntax, object oriented programming, and component programming with C# Comprehensive data coverage through ADO.NET and LINQ An

introduction to UI technologies, including Windows Forms, WPF, ASP.NET Ajax, and Silverlight Coverage of traditional ASMX and WCF Web Services Coverage of multiple .NET technologies, including networking, instrumentation, interop, and multi-threading In-depth discussion of platform concepts including CLR, Garbage Collection, Type System, Assemblies, and Code Access Security Guidance on design and architecture for a big-picture view and essential help in piecing together all you've learned

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 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

Essential Windows Presentation Foundation (WPF) - Chris Anderson 2007-04-11

Windows Presentation Foundation (WPF) replaces

Microsoft's diverse presentation technologies with a unified, state-of-the-art platform for building rich applications. WPF combines the best of Windows and the Web; fully integrates user interfaces, documents, and media; and leverages the full power of XML-based declarative programming. In *Essential Windows Presentation Foundation*, former WPF architect Chris Anderson systematically introduces this breakthrough platform, focusing on the concepts and techniques working developers need in order to build robust applications for real users. Drawing on his unique experience as an architect on the team, Anderson thoroughly illuminates the crucial new concepts underlying WPF and reveals how its APIs work together to offer developers unprecedented value. Through working sample code, you'll discover how WPF draws on the Web's simple models for markup and deployment, common frame for applications, and rich server connectivity, and on Windows' rich client model, simple programming model, strong

control over look-and-feel, and rich networking. Topics explored in depth include WPF components and architecture Key WPF design decisions—and why they matter XAML markup language Controls Layouts Visuals and media, including 2D, 3D, video, and animation Data integration Actions Styles WPF Base Services **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. [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.

XAML Unleashed - Adam Nathan 2014-12-21

A guide for the XAML declarative markup language covers such topics as how to apply XAML's syntax, namespaces, and keywords; mix XAML with procedural code; and use styles, templates, and visual states to redesign controls.

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

Microsoft Visual Studio 2010 Unleashed - Mike Snell 2010-08-04

This end-to-end deep dive into Microsoft Visual

Studio 2010 Professional will help working developers squeeze maximum productivity out of Visual Studio 2010's extraordinarily rich toolbox, whether they are writing code for the Web, Windows, Silverlight, or Microsoft's Azure cloud computing environment. 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 learn how to use Visual Studio 2010 Professional to take full advantage of the entire .NET platform, including Windows Presentation Foundation (WPF) for rich client development, Windows Communication Foundation (WCF) for building dynamic service-oriented solutions, and Windows Workflow Foundation (WF) for structured programming around business processes. The authors also present extensive new coverage of Microsoft's powerful new tools for unit testing, application instrumentation, and code analysis. By focusing entirely on Visual Studio 2010

Professional, the authors have gone deeper into Microsoft's core product than ever before. Throughout, their focus is relentlessly practical: how to apply Microsoft's tools to build better software, faster. Detailed information on how to... Work with solutions, projects, browsers, explorers, editors, and designers Write better macros, add-ins, and wizards Save more time with Visual Studio 2010's updated productivity tools Instrument, analyze, and test your software Refactor code for greater robustness, maintainability, and performance Share code with team members and the larger community Write powerful ASP.NET, ASP.NET MVC, and Silverlight web applications Implement robust service oriented architecture (SOA)-based applications Efficiently consume services with WCF Write advanced Windows applications with Windows Forms and WPF Construct data-centric applications with LINQ and Entity Framework Create and host workflow-based applications with WF Write applications for the Azure cloud Extend

Visual Studio with the new Managed Extensibility Framework (MEF) and the Automation Object Model Build better object-oriented VB or C# software, and use new dynamic language features

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

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 *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 Features Discover a smarter way of

working with WPF using the MVVM software architectural pattern
Create your own lightweight application framework to build your future applications upon
Understand data binding and learn how to use it in an application
Book 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 learn
Discover MVVM and how it assists development with WPF
Implement your own custom application framework
Become proficient with Data Binding
Understand how to adapt the built-in controls
Get up to speed with animations
Implement responsive data validation
Create visually appealing user interfaces
Improve application performance
Learn how to deploy your applications
Who 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.

Wpf Control Development Unleashed - Lewis R. Stokes 2015-08-08

Thought-provoking and accessible in approach, this updated and expanded second edition of the WPF Control Development Unleashed: Building Advanced User Experiences 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

Concurrency in C# Cookbook - Stephen Cleary
2014-05-15

If you're one of the many developers uncertain about concurrent and multithreaded development, this practical cookbook will change your mind. With more than 75 code-rich recipes, author Stephen Cleary demonstrates parallel processing and asynchronous programming techniques, using libraries and language features in .NET 4.5 and C# 5.0. Concurrency is becoming more common in responsive and scalable application development, but it's been extremely difficult to code. The detailed solutions in this cookbook show you how modern tools raise the level of abstraction, making concurrency much easier than before. Complete with ready-to-use code and discussions about how and why the

solution works, you get recipes for using: async and await for asynchronous operations Parallel programming with the Task Parallel Library The TPL Dataflow library for creating dataflow pipelines Capabilities that Reactive Extensions build on top of LINQ Unit testing with concurrent code Interop scenarios for combining concurrent approaches Immutable, threadsafe, and producer/consumer collections Cancellation support in your concurrent code Asynchronous-friendly Object-Oriented Programming Thread synchronization for accessing data

IronRuby Unleashed, e-Pub - Shay Friedman
2010-02-11

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. Ruby has built an enormous following of developers attracted by its intuitiveness, flexibility, and simplicity. Meanwhile, Microsoft's .NET has grown and matured into a platform of unparalleled power. IronRuby brings them together, enabling

developers to write elegant, efficient Ruby code that seamlessly integrates with .NET objects and leverages .NET's full capabilities. Now, in IronRuby Unleashed, one of IronRuby's most respected early adopters demonstrates how to write outstanding production software with the brand new IronRuby 1.0. Writing for both Ruby and .NET developers, Shay Friedman covers every facet of IronRuby programming. Friedman begins by explaining how IronRuby leverages the new Dynamic Language Runtime (DLR) libraries to run atop the .NET Framework and access its resources. Next, he presents an in-depth IronRuby tutorial that ranges from basic syntax and object-oriented programming techniques through advanced concepts. Building on this foundation, you'll learn how to make the most of a broad spectrum of .NET platform features. IronRuby Unleashed thoroughly illuminates the use of IronRuby and .NET with today's most powerful frameworks and technologies, including WPF, ASP.NET MVC, Ruby on Rails, and

Silverlight. You'll also find detailed coverage of unit testing, as well as cutting-edge techniques for extending IronRuby with C# or VB.NET. Detailed information on how to... Install IronRuby and choose the right development environment for your needs Master IronRuby syntax, methods, blocks, classes, modules, libraries, and more Write code that takes advantage of IronRuby's dynamic and metaprogramming features Utilize .NET services and frameworks to write more powerful Ruby code than ever before Incorporate efficient data access into your IronRuby applications Use IronRuby to build Windows software with both WinForms and WPF Rapidly build high-quality Web applications with IronRuby and Ruby on Rails Create rich Web 2.0 applications with IronRuby and Microsoft Silverlight Test .NET code with Ruby's leading unit testing frameworks Run IronRuby code from other .NET code, and create .NET code libraries that fit well with IronRuby code

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. --
Windows 8.1 Apps with XAML and C# Sams Teach Yourself in 24 Hours - Adam Nathan 2014-05-26

Learn how to build great Windows Store apps! Figures and code appear as they do in Visual Studio. In just 24 sessions of one hour or less, Sams Teach Yourself Windows 8.1 Apps with XAML and C# in 24 Hours will help you build compelling apps for Windows 8.1 devices of all kinds. Using this book's straightforward approach, you'll learn to design and build apps, create flexible user interfaces, handle inputs, integrate controls, and more. Step by step, you'll discover how to leverage XAML's visual richness and the immense power of Windows 8.1. Every lesson builds on what you've already learned, giving you a rock-solid foundation for real-world

success! Step-by-step instructions carefully walk you through today's most common XAML and C# development tasks. Quizzes at the end of each chapter help you test your knowledge. Notes present interesting information related to the discussion. Tips offer advice or show you easier ways to perform tasks. Cautions alert you to possible problems and give you advice on how to avoid them. Learn how to... Create user interfaces that adapt to any device, from tablets to high-def TVs Handle input from touch, mouse, pen, and keyboard Manage the entire Windows 8.1 app lifecycle and all execution states Master powerful XAML controls for text, images, audio, video, and more Integrate vector graphics that scale perfectly to any size Apply rich animations Work with styles, templates, and visual states Exploit the Windows charms within your apps Take full advantage of data binding and contracts Read data from sensors and control external devices Provide dynamic updates via live tiles, notifications, and the lock screen Discover the

many ways to monetize your Windows Store apps
[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
[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
Windows Server 2012 Unleashed - Rand Morimoto 2012-09-10
This is the most comprehensive and realistic guide to Windows Server 2012 planning, design,

prototyping, implementation, migration, administration, and support. Extensively updated, it contains unsurpassed independent and objective coverage of Windows Server 2012's key innovations, including improved virtualization components, enhanced security tools, new web and management resources, and Windows 8 integration. Windows Server 2012 Unleashed reflects the authors' extraordinary experience implementing Windows Server 2012 in large-scale environments since its earliest alpha releases, reaching back more than two years prior to its official launch. Microsoft MVP Rand Morimoto and his colleagues fully address every aspect of deploying and operating Windows Server 2012, including Active Directory, networking and core application services, security, migration from Windows Server 2003/2008, administration, fault tolerance, optimization, troubleshooting, and much more. Valuable for Windows professionals at all skill levels, this book will be especially indispensable

for intermediate-to-advanced level professionals seeking expert, in-depth solutions. Every chapter contains tips, tricks, best practices, and lessons learned from actual deployments: practical information for using Windows Server 2012 to solve real business problems. Plan and migrate from Windows Server 2003 and 2008 Leverage powerful capabilities that are truly new in Windows Server 2012 Install Windows Server 2012 and the GUI-less Windows Server Core Upgrade to Windows Server 2012 Active Directory Utilize advanced AD capabilities including federated forests and identity management Plan and deploy network services, from DNS and DHCP to IPv6, IPAM, and IIS Protect systems and data with server-level security, transport-level security, and security policies Deliver true end-to-end secured anytime/anywhere access to remote/mobile clients Efficiently configure and manage users, sites, OUs, domains, and forests through Server Manager console Create more fault-tolerant

environments with DFS, clustering, and Network Load Balancing Leverage major Hyper-V virtualization improvements in availability, redundancy, and guest support Manage Active Directory more efficiently with Active Directory Administrative Center, Best Practice Analyzer, and PowerShell scripts Systematically tune, optimize, debug, and troubleshoot Windows Server 2012

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
Async in C# 5.0 - Alex Davies 2012-09-07
If you're writing one of several applications that call for asynchronous programming, this concise hands-on guide shows you how the async feature in C# 5.0 can make the process much simpler. Along with a clear introduction to asynchronous programming, you get an in-depth look at how the async feature works and why you might want to use it in your application. Written for experienced C# programmers—yet approachable for beginners—this book is packed with code examples that you can extend for your own projects. Write your own asynchronous code, and learn how async saves you from this messy chore Discover new performance possibilities in ASP.NET web server code Explore how async and WinRT work together in Windows 8 applications Learn the importance of the await keyword in async methods Understand which .NET thread is

running your code—and at what points in the program Use the Task-based Asynchronous Pattern (TAP) to write asynchronous APIs in .NET Take advantage of parallel computing in modern machines Measure async code performance by comparing it with alternatives

Silverlight 4 Unleashed - Laurent Bugnion
2010-10-21

Printed entirely in color, with helpful figures and syntax coloring to make code samples appear as they do in Visual Studio and Expression Blend! Using Silverlight 4, you can build richer and more powerful applications than ever before, and deploy them seamlessly in browsers, on desktop computers, and even on Windows Phone 7. In Silverlight 4 Unleashed, Microsoft Silverlight MVP Laurent Bugnion covers everything you need to do all this, and much more. The only full-color, example-rich guide to Silverlight 4 for experienced Microsoft developers, Silverlight 4 Unleashed illuminates the entire development process: from installing Silverlight tools to

building great user experiences, managing data to optimizing application performance. You'll master core Silverlight features such as controls and properties; communicating with web services; efficiently creating data-oriented line-of-business applications; working with external frameworks, and more. Bugnion concludes by showing how to use advanced features such as 3D-like effects and multitouch to deliver an even smoother, richer experience. Install and use Silverlight Tools for Visual Studio Extend Silverlight applications with user and custom controls Group, sort, filter, page, bind, and validate data Take full advantage of the Model-View-ViewModel Pattern in Silverlight Access Web resources and services Control the application's appearance with resources, styles, templates, and Expression Blend Sketch user experience and build iterative prototypes by easily getting feedback from end users Create data-oriented applications more easily with the WCF RIA Services framework Adapt Silverlight desktop

applications for Windows Phone 7 Integrate effects and media into your applications Use Unity, MEF, and the MVVM Light Toolkit to write more maintainable, extensible software Optimize performance by reducing download size and memory footprint, and increasing execution speed

MVVM Unleashed - Michael Brown 2012-10-25

A technical guide to Terminal Server in the enterprise which includes sections on architecture, deployment, performance metrics, application testing, and third-party software. The book also provides an advance look at Terminal Server in NT Server 5, and Active Directory services.

Sams Teach Yourself WPF in 24 Hours - Rob Eisenberg 2009

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
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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

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.

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.