

```
"/Pane[@ClassName=#32769"][@Name="Desktop 1"]
"/Pane[@ClassName="Shell_TrayWnd"][@Name="Taskbar"]/ToolBar[@ClassName="MSTaskListWClass"]
[@Name="Running applications"]/Button[@Name="WinAppDriverUIRecorder.exe - 1 running window"]
[starts-with(@AutomationId,"C:\\Users\\tony\\Downloads\\WinAppDriverUIRecorder\\WinAppDriverUIRec")]
```

Recorded UI C# Code

```

└─ Pane, "Desktop 1", #32769
    └─ Window, "Employees - DevAV", Window
        └─ Custom, "", DevAVDbView
            └─ Group, "RibbonControl", RibbonControl
                └─ Pane, "Lower Ribbon", RibbonSelect
                    └─ Group, "PageGroup0", RibbonPageGroup
                        └─ Button, "New Employee", LightBlue
└─ Pane, "Taskbar", Shell_TrayWnd
    └─ ToolBar, "Running applications", MSTaskListWClass

```

LeftClick on Button "WinAppDriverUIRecorder"

Pause Clear Active

File Home View

New Employee Delete Edit Print Meeting Task Mail Merge

Actions

Thank you note Service Excellence Welcome to Dev

Employees

Status

All (51)

Salaried (37)

Commission (5)

Contract (3)

Terminated (4)

On Leave (2)

Custom Filters

On probation (4)

Department

Full Name

Department: Engineering

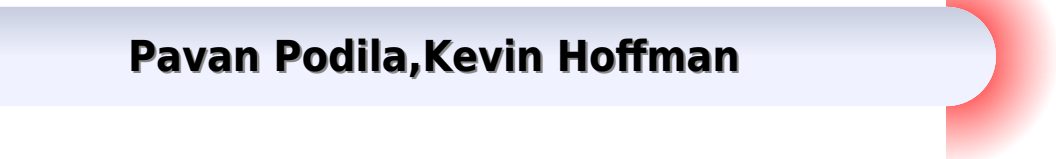
Arnie Schwartz	11
Bart Amaz	11
Billy Zimmer	11
Brad Farkus	10
Leah Simpson	9
Maggie Boxter	8
Samantha Piper	20
Stu Pizaro	20
Terry Bradley	40

Employees Tasks Customers Prod

RECORDS: 51

Wpf Ui Automation Tutorial

Pavan Podila, Kevin Hoffman



Wpf Ui Automation Tutorial:

Professional Application Lifecycle Management with Visual Studio 2013 Mickey Gousset, Martin Hinshelwood, Brian A. Randell, Brian Keller, Martin Woodward, 2014-03-26 Ramp up your software development with this comprehensive resource Microsoft's Application Lifecycle Management ALM makes software development easier and now features support for iOS MacOS Android and Java development If you are an application developer some of the important factors you undoubtedly consider in selecting development frameworks and tools include agility seamless collaboration capabilities flexibility and ease of use Microsoft's ALM suite of productivity tools includes new functionality and extensibility that are sure to grab your attention Professional Application Lifecycle Management with Visual Studio 2013 provides in depth coverage of these new capabilities Authors Mickey Gousset Martin Hinshelwood Brian A Randell Brian Keller and Martin Woodward are Visual Studio and ALM experts and their hands on approach makes adopting new ALM functionality easy Streamline software design and deployment with Microsoft tools and methodologies Gain a practical overview of ALM with step by step guides and reference material Case studies illustrate specific functionality and provide in depth instruction Use new capabilities to support iOS MacOS Android and Java development Discover this comprehensive solution for modeling designing and coordinating enterprise software deployments Over 100 pages of new content forward compatible with new product releases Professional Application Lifecycle Management with Visual Studio 2013 provides a complete framework for using ALM to streamline software design and deployment processes using well developed Microsoft tools and methodologies Professional Application Lifecycle Management with Visual Studio 2013 is your guide to make use of newly available ALM features to take your enterprise software development to the next level MSDN Magazine, 2009 **Mastering Windows Presentation Foundation** Sheridan Yuen, 2017-02-17 Master the art of building modern desktop applications on Windows About This Book Learn how to use the MVVM software architectural pattern and see the benefits of using it with Windows Presentation Fountain WPF Explore various ways to enhance efficiency through performance tuning and UI automation Obtain a deep understanding of data validation and understand various methods that suit different situations Who This Book Is For This book is for working developers with a moderate level of knowledge about Windows Presentation Foundation It will also be of special interest to ambitious individuals who want to know more about application architecture It is also suitable for those who just want to learn how to build visually stunning user interfaces What You Will Learn Use MVVM to improve workflow Create visually stunning user interfaces Perform data binds proficiently Implement advanced data validation Locate and resolve errors quickly Master practical animations Improve your applications performance In Detail Windows Presentation Foundation is rich in possibilities when it comes to delivering an excellent user experience This book will show you how to build professional grade applications that look great and work smoothly We start by providing you with a foundation of knowledge to improve your workflow this includes teaching you how to build the base layer of the application which will

support all that comes after it We ll also cover the useful details of data binding Next we cover the user interface and show you how to get the most out of the built in and custom WPF controls The final section of the book demonstrates ways to polish your applications from adding practical animations and data validation to improving application performance The book ends with a tutorial on how to deploy your applications and outlines potential ways to apply your new found knowledge so you can put it to use right away Style and approach Filled with intriguing and practical examples this book delineates concepts that will help you take your WPF skills to the next level **Programming WPF** Chris Sells,Ian

Griffiths,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 *Sams Teach Yourself WPF in 24 Hours* Christopher Bennage,Robert Eisenberg,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

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Professional WPF Programming Chris Andrade, Shawn Livermore, Mike Meyers, Scott Van Vliet, 2007-04-18 Professional WPF Programming If you want to learn how to build killer user interfaces for Windows and the web then this book is for you It arms you with the tools and code you'll need to effectively utilize the Windows Presentation Foundation WPF From creating appealing graphics and animated structures to enhancing performance and security you'll be programming in no time First you'll explore the WPF framework and learn how to develop basic applications with ASP.NET or Visual Basic® Next you'll discover how to build more sophisticated WPF interfaces using Microsoft® Expression Blend and then progress to more advanced programming techniques Throughout the book you'll find best practices for enterprise architectures using the WPF and its underlying technology All this will help you quickly learn how to develop next generation applications on the .NET 2.0 platform using the WPF What you will learn from this book How to write applications with identical UIs on both Windows and the web Tips for collaborating design and code development with Microsoft® Expression Blend All about the object models built in server controls HTML markup code behind and the coordinative structure of each file How to migrate Win32 applications to WPF Techniques for integrating special effects and custom controls into an application Advanced development concepts including building workflows and a WCF service Who this book is for This book is for experienced .NET developers who want to begin creating WPF web and desktop applications Wrox Professional guides are planned and written by working programmers to meet the real world needs of programmers developers and IT professionals Focused and relevant they address the issues technology professionals face every day They provide examples practical solutions and expert education in new technologies all designed to help programmers do a better job

Hand Coding Coded UI G. Suden, 2017-06-06 This book is aimed at

testers who want to try their hands at automated testing using Coded UI which is available as part of Microsoft R Visual Studio R Enterprise Edition Coded UI has empowered developers and automation testers to work using the same automation tool and language hence enabling them to collaborate more efficiently and effectively Moreover Coded UI can be used for both Web and Windows based Applications which enables automation testers to devise a single Automation Framework that reuses common code and libraries This book provides a step by step guide that will teach you how to setup the Automation Framework from scratch using Coded UI It includes complete listings of the hand coded automation code for the demo Website Windows based applications Windows Forms and WPF Applications and Web Service that have been developed for you to test against The code listings explain the logic of individual tests repositories and generic functions The hand coding approach used in this book can be applied to any project which aims to use Coded UI as the test automation tool In this book you will Learn Golden Automation Rules Understand UI Controls and their hierarchy in Coded UI Learn about Control Identification Mechanism used in Coded UI Set up the Automation Framework and Object Repository from scratch Add important features to the Automation Framework such as reporting result comparisons saving screenshots logging information to the Standard Output window CSV files generating Test Result Summary etc Automate testing of Web Applications using UITestControls and HtmlControls Perform Data Driven Testing using Microsoft Excel data sources Perform Cross Browser Testing using Firefox Chrome Internet Explorer and Microsoft Edge Automate testing of Web Services Automate testing of Windows Forms Applications using WinControls Automate testing of Windows Presentation Foundation WPF Applications using WpfControls Get robust library of generic functions Complete with automation code for the demo Website Web Service Windows Forms Application and WPF Application Since this book has been designed to be a Practical Oriented Approach we will adhere to the following steps in each section of a chapter wherever applicable define a Test Scenario using one of the demo applications Website Windows Forms Application WPF Application or the Web Service define the required Configuration Parameters in the Configuration File write code for the required controls in the Repository File write code for the required generic functions in the Utility File write code for the business process in the Page File write code for the test logic as per the Test Scenario defined in the beginning in the Test File finally execute the test and view the Outcome

[Comprehensive Guide to WinUI Development](#) Richard Johnson,2025-06-09 Comprehensive Guide to WinUI Development The Comprehensive Guide to WinUI Development is an authoritative resource for developers and software architects seeking mastery over Microsoft s modern UI framework for Windows applications Beginning with an in depth exploration of WinUI s evolution architecture and its integral role in the Windows ecosystem this book demystifies the underlying rendering pipeline XAML integration application lifecycle management and cutting edge engineering patterns such as MVVM The guide offers a nuanced comparison of working with WinUI across NET and C WinRT equipping readers with the knowledge to make informed technology choices tailored to their performance and interoperability needs Expanding

into advanced development territories the book delivers best practices for custom control creation visual layer composition adaptive layouts and responsive design to ensure applications remain performant accessible and visually compelling across a spectrum of devices It delves into high level data handling live UI updates multimedia integration validating user input and leveraging industry standards for security authentication and privacy compliance Through hands on insights and real world patterns it demonstrates robust strategies for resource management asynchronous operations dependency injection and concurrent data synchronization within dynamic enterprise environments Towards enterprise readiness and future proofing this guide encompasses diagnostics automated testing packaging and large scale deployment including MSIX store submission sideloaded telemetry and migration strategies Specialized chapters detail integration with legacy and third party systems extending WinUI capabilities on other platforms via Uno and preparing for emerging domains like AI ML IoT real time collaboration and hybrid apps Concluding with a look at the vibrant WinUI open source community and upcoming trends this book empowers developers to build scalable innovative and durable Windows experiences

WPF Control Development Unleashed Pavan Podila, Kevin Hoffman, 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 UI Automation Gerardus Blokdyk, 2018-05-16 Who will be responsible for documenting the Microsoft UI Automation requirements in detail What business benefits will Microsoft UI

Automation goals deliver if achieved What potential environmental factors impact the Microsoft UI Automation effort How frequently do you track Microsoft UI Automation measures How will we insure seamless interoperability of Microsoft UI Automation moving forward Defining designing creating and implementing a process to solve a challenge or meet an objective is the most valuable role In EVERY group company organization and department Unless you are talking a one time single use project there should be a process Whether that process is managed and implemented by humans AI or a combination of the two it needs to be designed by someone with a complex enough perspective to ask the right questions Someone capable of asking the right questions and step back and say What are we really trying to accomplish here And is there a different way to look at it This Self Assessment empowers people to do just that whether their title is entrepreneur manager consultant Vice President CxO etc they are the people who rule the future They are the person who asks the right questions to make Microsoft UI Automation investments work better This Microsoft UI Automation All Inclusive Self Assessment enables You to be that person All the tools you need to an in depth Microsoft UI Automation Self Assessment Featuring new and updated case based questions organized into seven core areas of process design this Self Assessment will help you identify areas in which Microsoft UI Automation improvements can be made In using the questions you will be better able to diagnose Microsoft UI Automation projects initiatives organizations businesses and processes using accepted diagnostic standards and practices implement evidence based best practice strategies aligned with overall goals integrate recent advances in Microsoft UI Automation and process design strategies into practice according to best practice guidelines Using a Self Assessment tool known as the Microsoft UI Automation Scorecard you will develop a clear picture of which Microsoft UI Automation areas need attention Your purchase includes access details to the Microsoft UI Automation self assessment dashboard download which gives you your dynamically prioritized projects ready tool and shows your organization exactly what to do next Your exclusive instant access details can be found in your book *Pro WPF* Matthew MacDonald, 2007-11-25 The Microsoft Windows Presentation Foundation formerly code named Avalon is a key part of NET 3 0 and provides the foundation for building applications and high quality user experiences in Windows Vista WPF blends together application user interface documents and media content while exploiting the full power of your computer WPF functionality extends support for Tablet PCs and other forms of input device and provides a more modern imaging and printing pipeline It also provides accessibility and user interface automation infrastructure data driven user interface and visualization and even integration points for weaving the application experience into the Windows shell Pro WPF Windows Presentation Foundation in NET 3 0 covers WPF from installation to application design and implementation to deployment One of the most detailed books on WPF technology it provides you with the no nonsense practical advice you need in order to build high quality WPF applications quickly and easily It also digs into the more advance aspects of WPF and how they relate to the other elements of the WinFX stack and the NET Framework 2 0 Windows Presentation Foundation Development

Cookbook Kunal Chowdhury, 2018-02-23 Gain comprehensive insight into WPF mechanics and capabilities Key Features Gain a strong foundation in WPF features and patterns Leverage the MVVM pattern to build decoupled maintainable apps Increase efficiency through Performance tuning and UI automation Book Description Windows Presentation Foundation WPF is Microsoft's development tool for building rich Windows client user experiences that incorporate UIs media and documents With the updates in .NET 4.7 Visual Studio 2017 C# 7 and .NET Standard 2.0 WPF has taken giant strides and is now easier than ever for developers to use If you want to get an in depth view of WPF mechanics and capabilities then this book is for you The book begins by teaching you about the fundamentals of WPF and then quickly shows you the standard controls and the layout options It teaches you about data bindings and how to utilize resources and the MVVM pattern to maintain a clean and reusable structure in your code After this you will explore the animation capabilities of WPF and see how they integrate with other mechanisms Towards the end of the book you will learn about WCF services and explore WPF's support for debugging and asynchronous operations By the end of the book you will have a deep understanding of WPF and will know how to build resilient applications What you will learn Understand the fundamentals of WPF Explore the major controls and manage element layout Implement data binding Create custom elements that lead to a particular implementation path Customize controls styles and templates in XAML Leverage the MVVM pattern to maintain a clean and reusable structure in your code Master practical animations Integrate WCF services in a WPF application Implement WPF's support for debugging and asynchronous operations Who this book is for The book is intended for developers who are relatively new to WPF Windows Presentation Foundation or those who have been working with WPF for some time but want to get a deeper understanding of its foundation and concepts to gain practical knowledge Basic knowledge of C# and Visual Studio is assumed

Pro Wpf With Vb 2008: Windows Presentation Foundation With .Net 3.5 Matthew MacDonald, 2008 WPF's functionality extends to support for Tablet PCs and other forms of input device and provides a more modern imaging and printing pipeline accessibility and UI automation infrastructure data driven UI and visualization as well as the integration points for weaving the application experience into the Windows shell *Applied WPF 4 in Context* Raffaele Garofalo, 2011-09-04 *Applied WPF 4 in Context* sets the standard for leveraging the latest Windows user interface technology in your business applications Using this book you'll learn how to implement world class Windows Professional Foundation WPF solutions in a real world line of business applications developing the code from the ground up and understand how to apply best development practices and related .NET products and technologies to your solutions You will cover designing and developing the application testing and debugging data access reporting and applying styles and themes to enhance the look of the user interface all using WPF in a very practical eminently useful context You'll create asynchronous and parallel code and learn how to distribute the application's components using Windows Communication Foundation WCF You'll also apply the Model View ViewModel pattern again in a real world WPF application Elegant and functional WPF applications are easier to create than ever before

with Applied WPF 4 in Context Learning Software Testing with Test Studio Rawane Madi,2013-09-24 Learning Software Testing with Test Studio is a practical hands on guide that will help you get started with Test Studio to design your automated solution and tests All through the book there are best practices and tips and tricks inside Test Studio which can be employed to improve your solution just like an experienced QA If you are a beginner or a professional QA who is seeking a fast clear and direct to the point start in automated software testing inside Test Studio this book is for you You should be familiar with the NET framework mainly Visual Studio C and SQL as the book s examples rely on them Prior testing knowledge will also be helpful **UI Automation A Complete Guide - 2020 Edition** Gerardus Blokdyk,2020-01-28 Is a test performance log created Is desktop applications testing provided Is it possible to test only the system database separately Does it meet your business needs What organization or person has developed owns the testing tool Defining designing creating and implementing a process to solve a challenge or meet an objective is the most valuable role In EVERY group company organization and department Unless you are talking a one time single use project there should be a process Whether that process is managed and implemented by humans AI or a combination of the two it needs to be designed by someone with a complex enough perspective to ask the right questions Someone capable of asking the right questions and step back and say What are we really trying to accomplish here And is there a different way to look at it This Self Assessment empowers people to do just that whether their title is entrepreneur manager consultant Vice President CxO etc they are the people who rule the future They are the person who asks the right questions to make UI Automation investments work better This UI Automation All Inclusive Self Assessment enables You to be that person All the tools you need to an in depth UI Automation Self Assessment Featuring 974 new and updated case based questions organized into seven core areas of process design this Self Assessment will help you identify areas in which UI Automation improvements can be made In using the questions you will be better able to diagnose UI Automation projects initiatives organizations businesses and processes using accepted diagnostic standards and practices implement evidence based best practice strategies aligned with overall goals integrate recent advances in UI Automation and process design strategies into practice according to best practice guidelines Using a Self Assessment tool known as the UI Automation Scorecard you will develop a clear picture of which UI Automation areas need attention Your purchase includes access details to the UI Automation self assessment dashboard download which gives you your dynamically prioritized projects ready tool and shows your organization exactly what to do next You will receive the following contents with New and Updated specific criteria The latest quick edition of the book in PDF The latest complete edition of the book in PDF which criteria correspond to the criteria in The Self Assessment Excel Dashboard Example pre filled Self Assessment Excel Dashboard to get familiar with results generation In depth and specific UI Automation Checklists Project management checklists and templates to assist with implementation INCLUDES LIFETIME SELF ASSESSMENT UPDATES Every self assessment comes with Lifetime Updates and Lifetime Free Updated Books

Lifetime Updates is an industry first feature which allows you to receive verified self assessment updates ensuring you always have the most accurate information at your fingertips

UI Testing with the UIAutomation Framework Dan Pilone, 2010 In this Breakdown Dan Pilone introduces and demonstrates the UIAutomation framework which allows for robust testing of your app's user interface You'll learn how to ensure your keyboards and swipes and text boxes all behave and quickly impress your users with a flexible and responsive user interface Resource description page

Hidden WPF Alessandro Del Sole, 2013-02-05 Get tips and tricks to help you create great WPF applications exploring possibilities that you've probably missed before now Alessandro Del Sole shows you how to add value to your applications by leveraging both the development environment and the .NET runtime for WPF The following chapters include tips for working with the user interface and the data binding engine improving an application's performance and so on Put succinctly the goal this book is to share tips and tricks that can help you solve problems you might encounter in a real world development experience things that no class can teach you

Pro XAML with C# Buddy James, Lori Lalonde, 2015-07-09 Pro XAML with C# Application Development Strategies is your guide to real world development practices on Microsoft's XAML based platforms with examples in WPF Windows 8.1 and Windows Phone 8.1 Learn how to properly plan and architect an application on one or more of these platforms for a robust scalable solution In Part I authors Buddy James and Lori Lalonde introduce you to XAML and reveal proven techniques for developing successful line of business applications You'll also find out about some of the conflicting needs and interests that you might encounter as an enterprise XAML developer Part II begins to lay the groundwork to help you properly architect your application providing you with a deeper understanding of domain driven design and the Model View ViewModel design pattern You will also learn about proper exception handling and logging techniques and how to cover your code with unit tests to reduce bugs and validate your design Part III explores implementation and deployment details for each of Microsoft's XAML UIs along with advice on deploying and maintaining your application across different devices using version control repositories and continuous integration

Pro XAML with C# Application Development Strategies is for intermediate to experienced developers looking to improve their professional practice Readers should have experience working with C# and at least one XAML based technology WPF Silverlight Windows Store or Windows Phone

WPF 4 Unleashed Adam Nathan, 2010-06-04 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 applications than you dreamed possible Whether you want to develop traditional user interfaces or integrate 3D graphics audio video animation dynamic skinning multi touch rich document support speech recognition or more WPF enables you to do so in a seamless resolution independent manner WPF 4 Unleashed is the

authoritative book that covers it all in a practical and approachable fashion authored by WPF 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 Highlights the latest features such as multi touch text rendering improvements XAML language enhancements new controls the Visual State Manager easing functions and much more Delves into topics that aren't covered by most books 3D speech audio video documents effects Shows how to create popular UI elements such as Galleries ScreenTips and more 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 new Windows 7 features such as Jump Lists and taskbar customizations

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