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Pro Business Applications with Silverlight 5

Apress Silverlight 5 has the potential to revolutionize the way we build business applications. With its flexibility, web deployment, cross-platform capabilities, rich .NET language support on the client, rich user interface control set, small runtime, and more, it comes close to the perfect platform on which to build business applications. It's a very powerful technology, and despite its youth, it's moving forward at a rapid pace and is gaining widespread popularity. This book guides you through the process of designing and developing enterprise-strength business applications in Silverlight 5 and C#. You'll learn how to take advantage of the power of Silverlight to develop rich and robust business applications—from getting started to deployment, and everything in between. In particular, this book will serve developers who want to learn how to design business applications. It will introduce the patterns you'll use, the issues you'll face, and how to resolve them. Author Chris Anderson, who has been building line-of-business applications for years, demonstrates his expertise through a candid presentation of how to tackle real-life issues, rather than just avoiding them. Developers will benefit from his hard-won expertise through business application design patterns that he shares throughout the book. With this book in hand, you will: Create a fully-functional business application in Silverlight Discover how to satisfy the general requirements that most business applications need Develop a business application framework

Pro Business Applications with Silverlight 4

Apress Silverlight 4 has the potential to revolutionize the way we build business applications. With its flexibility, web deployment, cross-platform capabilities, rich .NET language support on the client, rich user interface control set, small runtime, and more, it comes close to the perfect platform in which to build business applications. It's a very powerful technology, and despite its youth, it's moving forward at a rapid pace and is gaining widespread adoption. This book will guide you through the process of designing and developing enterprise-strength business applications in Silverlight 4 and C#. You will learn how to take advantage of the power of Silverlight to develop rich and robust business applications, from getting started to deployment, and everything in between. In particular, this book will serve developers who want to learn how to design business applications, and introduce the patterns to use, the issues that you'll face, and how to resolve them. Chris Anderson, who has been building line-of-business applications for years, demonstrates his experience through a candid presentation of how to tackle real-life issues, rather than just avoid them. Developers will benefit from his hard-won expertise through business application design patterns that he shares throughout the book. With this book in hand, you will Create a fully functional business application in Silverlight Discover how to satisfy all of the general requirements that most business applications need Develop a business application framework

Mastering Lob Development for Silverlight 5

A Case Study in Action

Packt Publishing Ltd This highly practical, expert level tutorial teaches you to build a Line of Business application with the aid of a case study which gradually builds throughout the book. It also includes a jumpstart chapter for developers coming from other technologies. If you already have a firm grasp of Silverlight development and are keen to advance your specialist knowledge of Line of Business (LOB) application development, then Expert Line of Business Application Development for Silverlight 5: Quick Start Guide is for you. If you are a developer with experience of other technologies, you may also find this book useful.

Designing Silverlight Business Applications

Best Practices for Using Silverlight Effectively in the Enterprise

Addison-Wesley Build Highly Usable, High-Performance Business Applications with Silverlight 5 Microsoft Silverlight MVP and Wintellect Consultant Jeremy Likness gives you all the hands-on guidance and proven patterns and practices you need to build scalable, maintainable, and highly professional applications for multiple platforms and browsers. In this first complete guide to designing

Silverlight applications for commercial use, Likness focuses on the advanced Silverlight features most directly related to solving real-world business problems and demonstrates how these features fit together in production-quality applications. Written from the ground up, this book covers every key area of enterprise Silverlight development. For each, Likness introduces the opportunities and capabilities Silverlight provides, offers relevant case studies from actual projects, presents complete C# code samples, and explains them in detail. Every chapter concludes with a summary highlighting the specific information and techniques most important for developers to consider. Coverage includes • Discovering why Silverlight is superior to HTML5/JavaScript for most line-of-business applications • Leveraging Silverlight 5's powerful enhancements to performance, text, printing, usability, security, and programmability • Effectively applying Silverlight's application cycle in enterprise applications • Using XAML to drive Silverlight's visual interface • Quickly transforming raw data into visually appealing information • Using Silverlight's innovative Visual State Manager and data binding to separate design, UI/UX experience, and business logic • Simplifying development with the MVVM pattern • Using MEF to integrate modular code into highly extensible, maintainable, and testable Silverlight applications • Improving and automating testing with Silverlight Unit Testing Framework and third-party add-ons • Mastering each leading approach to navigation and implementing the best one for your application • Implementing the service layer, persistence, and state management • Building advanced "out-of-browser" applications • Integrating sophisticated line-of-business features into your solutions • Optimizing the performance of your Silverlight applications This book will be invaluable for all experienced client developers who use Microsoft's technology stack and want to leverage Silverlight's immense power; and for every Silverlight developer seeking to improve existing line-of-business applications with the new Silverlight 5.

Real World .NET, C#, and Silverlight

Indispensible Experiences from 15 MVPs

John Wiley & Sons

Beginning Silverlight 5 in C#

Apres The growing popularity of Web 2.0 applications is increasing user expectations for high-quality website design, presentation, and functionality. It is into this climate that Microsoft is releasing Silverlight 5, the latest iteration of its cross-browser web presentation technology. Beginning Silverlight 5 in C# brings you to the cutting edge of Web 2.0 application design and includes plenty of practical guidance to get you started straight away. Silverlight design tools have important differences compared with those used to create Ajax and JavaScript functionality. Robert Lair takes you on a tour of all the tools, including: Microsoft Expression Design, which plays an important role in creating Silverlight assets Microsoft Expression Blend, which is used to build user interaction for Silverlight elements Microsoft Visual Studio, which manages the interaction between designers and developers, providing the coding environment for "nuts and bolts" wiring Once you've mastered the basics, you'll move on to gain a more in-depth knowledge of some of the features introduced with Silverlight 5, including H.264 protected content, right-click event handling, a new printing API, and support for the Managed Extensibility Framework.

Next-Generation Business Intelligence Software with Silverlight 3

Apres Business intelligence (BI) software is the code and tools that allow you to view different components of a business using a single visual platform, making comprehending mountains of data easier. Applications that include reports, analytics, statistics, and historical and predictive modeling are all examples of BI applications. Currently, we are in the second generation of BI software, called BI 2.0. This generation is focused on writing BI software that is predictive, adaptive, simple, and interactive. As computers and software have evolved, more data can be presented to end users with increasingly visually rich techniques. Rich Internet application (RIA) technologies such as Microsoft Silverlight can be used to transform traditional user interfaces filled with boring data into fully interactive analytical applications to deliver insight from large data sets quickly. Furthermore, RIAs include 3D spatial design capabilities that allow for interesting layouts of aggregated data beyond a simple list or grid. BI 2.0 implemented via RIA technology can truly bring out the power of BI and deliver it to an average user via the Web. Next-Generation Business Intelligence Software with Rich Internet Applications provides developers, designers, and architects a solid foundation of BI design and architecture concepts with Microsoft Silverlight. This book covers key BI design concepts and how they can be applied without requiring an existing BI infrastructure. The author, Bart Czernicki, will show you how to build small BI applications by example that are interactive, highly visual, statistical, predictive, and most importantly, intuitive to the user. BI isn't just for the executive branch of a Fortune 500 company; it is for the masses. Let Next-Generation Business Intelligence Software with Rich Internet Applications show you how to unlock the rich intelligence you already have.

Microsoft Silverlight 5 and Windows Azure Enterprise Integration

Packt Publishing Ltd This book is a step-by-step tutorial that shows you how to obtain the necessary toolset to create and run Silverlight Enterprise Applications on Azure. The book also covers techniques, practical tips, hints, and tricks for Silverlight interactions with Azure. Each topic is written in an easy-to-read style, with a detailed explanation given and then practical step-by-step exercises

with a strong emphasis on real-world relevance. If you are an application developer who wants to build and run Silverlight Enterprise applications using Azure storage, WCF Services, and ASP providers, then this book is for you. You should have a working knowledge of Silverlight and Expression Blend. However, knowledge of Azure is not required since the book covers how to integrate the two technologies in detail.

Instant Silverlight 5 Animation

Packt Publishing Ltd This book is written in simple, easy to understand format with lots of screenshots and step-by-step explanations. If you are a developer looking forward to create great user experience for your Silverlight applications with cool animations or create Silverlight banner ads, then this is the guide for you. It is assumed that the readers have some previous exposure to Silverlight or WPF.

Silverlight 5 in Action

Simon and Schuster Summary A thorough revision of the bestselling Silverlight 4 in Action. This comprehensive guide teaches Silverlight from the ground up, covering all the new v. 5 features in depth. You'll also explore WCF RIA Services, MVVM, and more—with dozens of code samples you can use in Visual Studio 2010 or the free Visual Web Developer 2010 Express. About the Book This hands-on guide explores Silverlight from the ground up, covering every feature in rich, practical detail. It is readable and the coverage is comprehensive. You'll master networking, MVVM, and more—with dozens of code samples you can use in Visual Studio or the free Visual Web Developer Express. Silverlight 5 in Action teaches you how to build desktop-quality applications you can deploy on the web. Beginners will appreciate the progression from simple examples to full applications that employ good design and coding practices. Seasoned .NET developers will love how the sample code embraces and extends what they already know. Purchase of the print book comes with an offer of a free PDF, ePub, and Kindle eBook from Manning. Also available is all code from the book. What's Inside 2D and 3D graphics and animation Business application services, rules, and validation The MVVM pattern and testing Free appendixes (150 pages) available online A background in C# or VB.NET is helpful, but no knowledge of Silverlight or XAML is required. ===== Table of Contents PART 1 CORE SILVERLIGHT PART 2 CREATING THE USER INTERFACE PART 3 WORKING WITH DATA AND SERVICES PART 4 2D AND 3D GRAPHICS PART 5 MAKING THE MOST OF THE PLATFORM PART 6 BEST PRACTICES Introducing Silverlight XAML and the property system The application model and the plug-in Working with HTML and browsers Out-of-browser applications The security model and elevated trust Rendering, layout, and transforming Panels Human input Text fundamentals Editing plain and rich text Control basics and UserControls Animation and behaviors Resources, styles, and control templates Extensions, converters, custom controls, and panels Binding Data controls: DataGrid and DataForm Input validation Networking basics Working with SOAP services RESTful services with the ASP.NET Web API Working with XML, JSON, RSS, and Atom Duplex, sockets, and local connections Graphics and effects Working with images Introduction to 3D 3D lighting, texturing, and animation Pop-ups, windows, and full-screen applications Navigation Working with files and directories Printing COM, Native Extensions, and p-invoke Structuring and testing with the MVVM pattern Debugging your application The install experience and preloaders

Microsoft Silverlight 4 Data and Services Cookbook

Packt Publishing Ltd Over 80 practical recipes for creating rich, data-driven business applications in Silverlight with this book and eBook.

Silverlight Recipes

A Problem-Solution Approach

Apress Silverlight Recipes: A Problem-Solution Approach is your practical companion to developing rich, interactive web applications with Microsoft's latest technology. This book tackles common problems and scenarios that on-the-job developers face every day by revealing code and detailed solutions. You'll quickly be able to integrate real-world, functioning code into your applications—and save hours of coding time. The recipes included in Silverlight Recipes: A Problem-Solution Approach have been carefully selected and tested with the professional developer in mind. You'll find problems stated clearly and succinctly, artful solutions explored, and ample discussion of the code and context so you're immediately clear how the solution will support your project. Enjoy practical coverage of Silverlight development in many projects and contexts, including: Designing complete, rich, interactive user experiences Manipulating content and the runtime environment through the Silverlight Plug-in Runtime API Consuming, transforming, and displaying content in your Silverlight web application through XML, LINQ-based data access, and isolated storage Building custom controls for your Silverlight project Integrating rich media, including audio and video, to create a very dynamic user interface and experience Using new Silverlight features, including .NET Framework integration, the use of dynamic languages like Python and Ruby in Silverlight development, and digital rights management support Find instant solutions, comprehensive Silverlight coverage, and time-saving expert advice, all in Silverlight Recipes: A Problem-Solution Approach.

Silverlight 4 Business Intelligence Software

Apress Business intelligence (BI) software allows you to view different components of a business using a single visual platform, which makes comprehending mountains of data easier. BI is everywhere. Applications that include reports, analytics, statistics, and historical and predictive modeling are all examples of business intelligence. Currently, we are in the second generation of business intelligence

software—called BI 2.0—which is focused on writing business intelligence software that is predictive, adaptive, simple, and interactive. As computers and software have evolved, more data can be presented to end users with increasingly visually rich techniques. Rich Internet application (RIA) technologies such as Microsoft Silverlight can be used to transform traditional user-interfaces filled with boring data into fully interactive analytical applications that quickly deliver insight from large data sets. Furthermore, RIAs now include 3D spatial-design capabilities that move beyond a simple list or grid and allow for interesting layouts of aggregated data. BI 2.0 implemented via an RIA technology can truly bring out the power of business intelligence and deliver it to an average user on the Web. Silverlight 4 Business Intelligence Software provides developers, designers, and architects with a solid foundation in business intelligence design and architecture concepts for Microsoft Silverlight. This book covers key business intelligence design concepts and how they can be applied without an existing BI infrastructure. Author Bart Czernicki provides you with examples of how to build small BI applications that are interactive, highly visual, statistical, predictive—and most importantly—intuitive to the end-user. Business intelligence isn't just for the executive branch of a Fortune 500 company—it is for the masses. Let Silverlight 4 Business Intelligence Software show you how to unlock the rich intelligence you already have.

Data-Driven Services with Silverlight 2

Data Access and Web Services for Rich Internet Applications

"O'Reilly Media, Inc." This comprehensive book teaches you how to build data-rich business applications with Silverlight 2 that draw on multiple sources of data. Packed with reusable examples, Data-Driven Services with Silverlight 2 covers all of the data access and web service tools you need, including data binding, the LINQ data querying component, RESTful and SOAP web service support, cross-domain web service calls, and Microsoft's new ADO.NET Data Services and the ADO.NET Entity Framework. With this book, you will: Know when and how to use LINQ to JSON, LINQ to XML, and LINQ to Objects Learn how Silverlight 2 applications bind, pass, read, save, query, and present data Discover how your application can call web services to work with SOAP, REST, RSS, AtomPub, POX and JSON Design REST, ASMX, and WCF web services that communicate with Silverlight 2 Harness RESTful web services such as Digg, Amazon, and Twitter Retrieve and save data using the new Entity Framework and WCF Work with RESTful ADO.NET Data Services and its Silverlight client library to move data between your Silverlight application and a database Data-Driven Services with Silverlight 2 offers many tips and tricks for building data-rich business applications, and covers the scenarios you're most likely to encounter. Complete examples in C# and VB can be downloaded from the book's companion website.

Professional Silverlight 4

John Wiley & Sons

Developing Business Intelligence Apps for SharePoint

"O'Reilly Media, Inc." Create dynamic business intelligence (BI) solutions for SharePoint faster and with more capabilities than previously possible. With this book, you'll learn the entire process—from high-level concepts to development and deployment—for building data-rich BI applications with Visual Studio LightSwitch, SQL Server 2012, and a host of related Microsoft technologies. You'll learn practical techniques and patterns necessary to use all of these technologies together as you build an example application through the course of the book, step by step. Discover how to solve real problems, using BI solutions that will evolve to meet future needs. Learn the fundamentals of SharePoint, LightSwitch, and SQL Server 2012 Get a solid grounding in BI application basics and database design principles Use LightSwitch to build a help desk app, including data model design and SharePoint data integration Build a tabular cube with Microsoft's Business Intelligence Semantic Model (BISM) Dive into the data visualization stack, including Excel and SQL Server Reporting Services Create reports with Excel Services, Report Builder, and PowerView Use tips and tricks for setting up your BI application development environment

Professional Microsoft SharePoint 2007 Development Using Microsoft Silverlight 2

John Wiley & Sons Silverlight is a cross-browser, cross-platform, and cross-device plug-in for delivering the next generation of .NET-based rich interactive applications (RIAs) for the Web; SharePoint is Microsoft's portal development platform and the fastest growing server product at Microsoft. If you are seeking to leverage Silverlight 2.0 to optimize SharePoint 2007, you will find what you need in this advanced guide from a well-known author team of Microsoft insiders. The book shows you how to build integrated solutions step-by-step; how to integrate Silverlight applications with different SharePoint objects such as lists, Web parts, and others; and provides source code, so you can replicate and test the code on your own.

ENTERprise Information Systems, Part II

International Conference, CENTERIS 2010, Viana do Castelo, Portugal, October 20-22, 2010, Proceedings, Part II

Springer This book constitutes the proceedings of the International Conference on ENTERprise information systems, held Viana do Castelo, Portugal, in October 2010.

Introducing Silverlight 4

Apress Introducing Silverlight 4 brings you up to speed with version 4 of Silverlight quickly and efficiently. The book builds off your understanding of the basics of .NET coding and WPF, allowing your journey to Silverlight 4 proficiency to be as quick and painless as possible. The text highlights where coding techniques are similar to other, more established areas of the .NET framework. Likewise, when your existing coding habits lead you to a syntax or conceptual 'gotcha,' the text points that out, too. This book provides you with fast-track coverage of all the most important elements of the Silverlight 4 technology ranging from XAML to standard controls, from dealing with media to networking, from testing to deployment. It also reveals features introduced with Silverlight 4 and offers guidance on how to best utilize them. The book concludes with a pair of fully worked sample applications for you to follow through, because nothing reinforces your understanding of how concepts fit together as much as looking at finished code. It is assumed that readers are already be comfortable with the workings of the .NET framework. Knowledge of Expression Blend is useful, but not mandatory: you'll learn the Blend techniques that you need to know as you go through the book. By the end, you will have followed a sound, concise path to mastery of Silverlight 4.

Silverlight 2 Unleashed

Pearson Education 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

Pro Silverlight 5 in C#

Apress Silverlight 5 is the latest iteration of Microsoft's cross-browser technology for creating rich user experiences on the Web. Like its predecessor, it rides atop the .NET Framework for maximum ease of use and coding efficiency. The new technology carries forward much of the work that has been done before and augments it in many important respects, including support for H.264 video, major improvements to the graphics engine (including true 3D rendering), and much richer data-binding options for interfacing with other applications. Pro Silverlight 5 in C# is an invaluable reference for professional developers who want to discover the new features of Silverlight. Author Matthew MacDonald's expert advice guides you through creating rich media applications using Silverlight in the environment you're most productive in—no matter what the target platform. As you learn about the features that put Silverlight in direct competition with Adobe Flash, such as rich support for 2D and 3D drawing, animations, and media playback, you'll experience the plumbing of .NET and the design model of WPF through Silverlight—all of the same .NET technology that developers use to design next-generation Windows applications. Pro Silverlight 5 in C# is a comprehensive tutorial, written from professional developer to professional developer. Please note: the print version of this title is black & white; the eBook is full color.

Pro Silverlight for the Enterprise

Apress Microsoft Silverlight 2 is a new development platform designed to make the development of rich Internet applications (RIAs) far easier than has previously been possible. Pro Silverlight for the Enterprise addresses the question of how you can bring Silverlight 2 to your company to provide rich Internet experiences that will interface cleanly with your existing application architecture. The book begins with a clear discussion of why Silverlight is such a good choice for developing RIAs and the implications that this has for your

development decisions. The options available will be demonstrated by constructing a simple web-based training portal for a fictional enterprise, which will be extended and altered to demonstrate the techniques and methods that you have available to you. This includes accessing data using WCF and LINQ, and considering how best to deploy your finished Silverlight application when it is complete. The book also discusses the future of Silverlight for mobile and how to plan for its release. This book is unique in that it focuses on how Silverlight can be applied in today's business environment rather than simply delving into the product's syntax and grammar in isolation. Silverlight is discussed in context with consideration given to security, scalability, and deployment. As such this book makes an excellent addition to any Silverlight library and extends your knowledge into practical areas that are rarely discussed.

Professional Office Business Application Development Using Microsoft Office SharePoint Server 2007 and VSTO

John Wiley & Sons

Essential Windows Phone 7.5

Application Development with Silverlight

Addison-Wesley Professional Provides information on creating mobile applications for the Windows Phone 7.5 platform.

Silverlight 2 In Action

Dreamtech Press Silverlight 2 in Action devotes extensive coverage to flexible layout components, the extensible control model, the communication framework, and the data-binding features—all cornerstones of software development. Author and Microsoft MVP Chad Campbell also describes rich media and vivid graphical and animation features. The final chapters include a variety of Silverlight deployment scenarios. In addition to the fundamentals of Silverlight, you'll be introduced to architectural components such as the Silverlight object model. The book addresses the developer/designer collaboration model Silverlight enables, showing the developer how to include the designer effectively in the project workflow. This model is illustrated throughout the examples. · Introducing Silverlight · Silverlight: Harmony with the Web · Managing the basics · Handling user interaction · Working with data · Networking and communication · Managing multimedia · Getting a grip on graphics · Let's get animated · Skinning · Content delivery and storage · Share the Light: Distribution and deployment

Foundation Silverlight 2 Animation

Apres See the power of Silverlight in action Learn the building blocks of animation in Silverlight 2 Includes over 180 example Silverlight projects Silverlight is a phenomenally powerful animation tool, but few people know how to unlock its potential. Foundation Silverlight 2 Animation gives you the keys to all of that power. It covers the basics of animation—that is, Silverlight's storyboards and animations, which are used to provide interactivity to Silverlight applications. You'll take an in-depth look at double, point, and color animations. You'll also learn the difference between linear, spline, and discrete keyframes, and how they affect your objects as they move. But it doesn't stop there. You'll go well beyond those simple timeline-based animations and learn how to create purely code-based animations. You'll use vectors to make objects move and bounce off boundaries and each other. You'll explore particle systems, kinematics, and collisions. You'll also learn how to use trigonometry to animate objects and simulate 3D motion in a 2D environment. The essential trigonometry required to create complex motion is simplified and explained through a series of fascinating and fun examples that can be incorporated into your own applications, games, and experiments. Whether you're already familiar with Silverlight and you want to learn how to open it up, a Flash developer interested in expanding your skill set, or a web developer looking to take the next step into rich interactive application development, this book will bring you up to speed on Silverlight 2 and show you what it can do. From techniques for creating frame-based animations to learning how to simulate 3D in a 2D environment, there is something here to satisfy anyone's appetite for animation and interactivity.

Silverlight Recipes

A Problem-Solution Approach

Apres Silverlight Recipes: A Problem-Solution Approach, Second Edition is your practical companion to developing rich, interactive web applications with Microsoft's latest technology. This book tackles common problems and scenarios that on-the-job developers face every day by revealing code and detailed solutions. You'll quickly be able to integrate real-world, functioning code into your applications—and save hours of coding time. The recipes included in Silverlight Recipes have been carefully selected and tested with the professional developer in mind. You'll find problems stated clearly and succinctly, artful solutions explored, and ample discussion of the code and context so you're immediately clear how the solution will support your project. You'll also discover the innovations presented in Silverlight 4 and how to effectively employ them. Enjoy practical coverage of Silverlight development in many projects and contexts, including: Designing complete, rich, interactive user experiences Manipulating content and the runtime environment through the Silverlight Plug-in Runtime API Consuming, transforming, and displaying content in your Silverlight web application through XML, LINQ-based data access, and isolated storage Building custom controls for your Silverlight project Integrating rich media, including audio and video, to create a very dynamic user interface and experience Using new Silverlight features, including .NET

Framework integration, the use of dynamic languages like Python and Ruby in Silverlight development, and digital rights management support. Find instant solutions, comprehensive Silverlight coverage, and time-saving expert advice, all in one book.

Pro Silverlight 4 in C#

Apress Silverlight 4 is Microsoft's cross-browser technology for creating rich user experiences on the Web. Like its predecessor, Silverlight 3, it rides atop the .NET framework for maximum ease of use and coding efficiency. The new technology carries forward much of the work that has been done before and augments it in many important respects, including support for H.264 video, major improvements to the graphics engine (including true 3D rendering), and much richer data-binding options for interfacing with other applications. Pro Silverlight 4 in C# is an invaluable reference for professional developers wanting to discover the features of Silverlight 4. Author Matthew MacDonald's expert advice guides you through creating rich media applications using Silverlight in the environment you're most productive in—no matter what the target platform. As you learn about the features that put Silverlight in direct competition with Adobe Flash, such as rich support for 2D and 3D drawing, animations, and media playback, you'll experience the plumbing of .NET and the design model of WPF through Silverlight—all of the same .NET technology that developers use to design next-generation Windows applications. Matthew MacDonald provides a comprehensive tutorial written from professional developer to professional developer, complete with full-color graphics and screenshots.

Pro Silverlight 4 in VB

Apress Silverlight is Microsoft's cross-browser technology for creating rich user experiences on the Web. Like its predecessor, Silverlight 4 rides atop the .NET framework for maximum ease of use and coding efficiency. The technology carries forward much of the work that has been done before and augments it in many important respects, including support for H.264 video, major improvements to the graphics engine (including true 3D rendering), and much richer data-binding options for interfacing with other applications. Pro Silverlight 4 in VB is an invaluable reference for professional developers who want to discover the features of Silverlight. Author Matthew MacDonald's expert advice guides you through creating rich media applications using Silverlight in the environment you're most productive in—no matter what the target platform. As you learn about the features that put Silverlight in direct competition with Adobe Flash, such as rich support for 2D and 3D drawing, animations, and media playback, you'll experience the plumbing of .NET and the design model of WPF through Silverlight—all of the same .NET technology that developers use to design next-generation Windows applications. In this book, MacDonald provides a comprehensive tutorial written from professional developer to professional developer.

Silverlight 4

Problem - Design - Solution

John Wiley & Sons

Essential Silverlight 2 Up-to-Date

"O'Reilly Media, Inc." Design rich Internet applications (RIAs) for the Web using Silverlight 2, Microsoft's hot runtime application. Available only as an ebook, this concise, easy-to-understand introduction provides complete step-by-step instructions for using everything Silverlight 2 has to offer, including tools for animation, vector graphics, video playback, .NET support for web services and networking, as well as LINQ, Microsoft's native data querying tool. Essential Silverlight 2 helps you take advantage of Microsoft's cross-browser plug-in with: Clever ways to create interactive UIs that are more robust and easier to debug and test than what you can achieve on other platforms Scores of tested JavaScript and C# code examples that you can reuse in your own applications Expert guidance from an author who understands RIA technologies, including ASP.NET, Flash, PHP, and JavaScript Ready to deliver a more complete Web experience? Essential Silverlight 2 offers a world of possibilities.

Essential Silverlight 3

Addison-Wesley Professional "The book you are holding contains the keys to writing great Silverlight 3 applications. Use them well!" —From the Foreword by Scott Guthrie, corporate vice president, Microsoft Developer Division Microsoft Silverlight is a leading cross-platform, Rich Internet Application (RIA) technology that allows you to create more compelling and interactive Web experiences than are possible with simple HTML browser pages. Silverlight 3 includes significant improvements over previous versions, including "out-of-browser" operation, H.264 video, 3D graphics, and real-time effects. Essential Silverlight 3 is the definitive reference and insider's guide. It not only covers all the key features of the Silverlight 3 runtime and how to use them but, in Under the Hood sections, explains why each feature was developed and how each one works. These "insider" explanations often lead to concise, practical performance tips that can help you speed up your own Silverlight applications. Author Ashraf Michail is uniquely qualified to explain Silverlight 3. He is a Microsoft Silverlight architect who has guided Silverlight from its beginnings through the current version. In this book, he shows how to Integrate the principles and components of a Silverlight application, including XAP, XAML, and .NET code Use Silverlight vector graphics, bitmap images, and animation Display predictable and readable text across platforms and animate text elements Obtain mouse and keyboard input, including mouse wheel events Implement smooth animations to improve your user interface and make your application more pleasing to the user Use the Canvas, StackPanel, Grid, and Border elements to lay out your application and define custom layout elements Play high-quality, live, and on-demand video and audio Customize the built-in and toolkit controls and develop new custom Silverlight controls Connect to and synchronize with data using Silverlight Data Binding Use built-in real-time

effects and define custom HLSL pixel shaders Enable GPU-accelerated rendering If you are a developer who is getting started with Silverlight or an expert Silverlight developer who is interested in understanding the inner workings of the Silverlight runtime, this book is for you.

Programming .NET 3.5

Build N-Tier Applications with WPF, AJAX, Silverlight, LINQ, WCF, and More

"O'Reilly Media, Inc." .NET 3.5 will help you create better Windows applications, build Web Services that are more powerful, implement new Workflow projects and dramatically enhance the user's experience. But it does so with what appears to be a collection of disparate technologies. In Programming .NET 3.5, bestselling author Jesse Liberty and industry expert Alex Horovitz uncover the common threads that unite the .NET 3.5 technologies, so you can benefit from the best practices and architectural patterns baked into this newest generation of Microsoft frameworks. While single-topic .NET 3.5 books delve into Windows Presentation Foundation and the other frameworks in greater detail, Programming .NET 3.5 offers a "Grand Tour" of the release that describes how the four principal technologies can be used together, with Ajax, to build modern n-tier and service-oriented applications. Developers have struggled to implement these patterns with previous versions of the .NET Framework, but this hands-on guide uses real-world examples and fully annotated source code to demonstrate how .NET 3.5 can make it easy. The concepts and technologies that this book covers include: XAML -- Microsoft's new XML-based markup language for UI, used with WPF Windows Presentation Foundation (WPF) -- a new presentation framework and graphics subsystem for Windows that puts Vista-like effect in your grasp Ajax Windows Communication Foundation (WCF) - a new standards-based framework that enables applications to communicate across a network using a variety of protocols Workflow Foundation (WF) -- framework for defining, executing, and managing workflows CardSpace -- framework for managing the identities of your users You'll learn how to use each of the four frameworks alone and in concert to build a series of meaningful example applications. Examples are written in C#, and all of the source code will be available for download at both the O'Reilly and the authors' site, which offers access to a free support forum. Between them, authors Jesse Liberty and Alex Horovitz have nearly forty years of experience in delivering commercial applications for companies such as Citibank, Apple, AT&T, NeXt, PBS, Ziff Davis, and dozens of smaller organizations. Their combined experience is valuable for telling the story of .NET 3.5 and how it will shorten the development life cycle for applications developers, and enhance your productivity.

Foundation Expression Blend 4 with Silverlight

Apres Foundation Expression Blend 4 with Silverlight takes you through your first steps in creating rich Internet applications (RIAs) using the latest release of Microsoft's technology. You'll explore features such as custom user controls that you can reuse throughout your projects and the media element that allows you to easily add sound and video to your applications. Silverlight 4 enables you to rapidly develop compelling, cross-platform RIAs using the extensive .NET 4 libraries, the powerful, design friendly Blend 4 integrated development environment (IDE), and an enhanced workflow that allows designers and developers to work on the same set of files at the same time. At the end, you'll put everything you have learned together to create a sample Silverlight 4 website. Whether you're an experienced .NET or web developer, or you're just starting out, this book will provide you with all you need to create RIAs with Expression Blend 4. Develop stunning RIAs in a short time using Blend 4 and Silverlight 4. Learn basic object-oriented programming principles. Get familiar with the Blend 4 development environment.

Beginning SharePoint 2010 Development

John Wiley & Sons Discover how to take advantage of the many new features in SharePoint 2010 SharePoint 2010 is a significant leap forward from the 2007 release, and 'you will find that there are a ton of features built into the platform for you to leverage in your solution development. Because SharePoint is a broad platform that covers a lot, this book also covers quite a bit of ground. As a Wrox Beginning book, the goal of Beginning SharePoint 2010 Development is to get you started with many of the fundamentals so that you can continue on to advanced programming beyond this book. The book's goal is to quickly take you from the basics of SharePoint, to installing and configuring a development environment, and then into how you can develop for SharePoint. The book is heavy on coding exercises, but tries to stick to a common set of .NET patterns to ensure you walk away with understanding the different ways in which you can code for SharePoint. Moving from beginning to advanced means that you can expect the walkthroughs and chapters to become increasingly more complex within each chapter and throughout the book. The walkthroughs have been created to be concise and to guide you through all of the steps you must accomplish to complete a coding task. Beginning SharePoint 2010 Development is aimed at the developer who is new to SharePoint. The book assumes you have some programming experience and a passion to learn how to develop for SharePoint. But this book does not assume that you've programmed against SharePoint before. With regard to your general development background, the two assumptions in this book are that you have some familiarity with Web development, and you have an understanding of .NET programming. With regard to Web development, this book assumes that you understand HTML, and may have an understanding of Cascading Style Sheets (CSS), Extensible Markup Language/Extensible Stylesheet Language (XML/XSL), and dynamic languages such as JavaScript. You may have a light understanding of ASP.NET and are looking to apply this knowledge to the SharePoint space. In any case, you have some understanding of the fundamentals of Web and .NET development, and are looking to apply those to the SharePoint space.

Windows Phone 7 Recipes

A Problem-Solution Approach

Apress Developers are racing to discover how to develop for Windows Phone 7—and there is no quicker resource to help you get up to speed than Windows Phone 7 Recipes. This book covers all aspects of development, configuration, testing, and distribution, with detailed code samples and rapid walkthroughs to support you every step of the way. You'll find recipes that unlock advanced user interface development, data storage and retrieval, integration with cloud services, adding media and location-based services, and working with Silverlight and Expression Blend. Learn to use sensors such as the camera, GPS, and accelerometer to build cutting-edge applications. Manage the new way to interact with applications using the gestures library both from the XNA Framework library and the Silverlight Windows Phone Toolkit library.

Windows® Phone 7 Developer Guide

This guide to developing Windows Phone 7 applications walks through a series of fictional, but realistic scenarios involved in building a phone application that uses a mobile front end talking to a cloud backend.

Managing Data and Media in Silverlight 4

A Mashup of Chapters from Packt's Bestselling Silverlight Books

Packt Publishing Ltd This is a practical hands-on book with clear instructions and lot of code examples. It takes a simple approach, guiding you through different architectural topics using realistic sample projects.

Windows Phone Recipes

A Problem Solution Approach

Apress Windows Phone 7.5 (code-named Mango) marks a significant upgrade to Microsoft's smartphone products. Packed with sophisticated new features and functionality, the device is a .NET developer's dream, easily programmable using Silverlight, XNA and C#. Windows Phone Recipes utilizes a proven problem-solution approach, providing a concise guide to all the phone's features in recipe book format. First, the problem you're facing is identified. Then, a clear explanation of the solution is given, supported by a fully-worked code sample that demonstrates the feature in action. All aspects of development, configuration, testing, and distribution are covered. You'll find recipes that unlock advanced user interface features, deal with data storage, integrate with cloud services, add media and location services, and much more. It's everything you'll need to put a professional polish on your Windows Phone 7.5 applications!

Beginning Windows Phone App Development

Apress Microsoft's Windows Phone 7 handsets have injected a new vibrancy into the smartphone marketplace and provided bold new opportunities for the Microsoft development community. Take advantage of these opportunities with Beginning Windows Phone App Development, written specifically to help you learn the skills you'll need to develop rich, functional apps for the Windows Phone 7 platform. Authors Henry Lee and Eugene Chuvyrov cover the very latest developments in the field—including the extended APIs offered in the new Mango platform update—so you'll have timely, accurate information at your fingertips. Beginning Windows Phone App Development starts with the basics, walking you through the process of downloading and setting up the right development tools, including Visual Studio, Expression Blend, Silverlight SDK, and Windows Phone SDK. It then takes you step-by-step through the development process as you build and deploy a working application, complete with a sophisticated user interface. Finally, you'll receive step-by-step instructions on packaging and selling your applications through the Windows Phone Marketplace.