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Pro WFM  
Microsoft Office SharePoint Designer 2007 Step by Step  
Microsoft Visual Studio 2010 Unleashed  
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### Pro .NET Performance

### Pro VB 2008 and the .NET 3.5 Platform

Windows Workflow Foundation is a groundbreaking addition to the core of the .NET Framework that allows you to orchestrate human and system interactions as a series of workflows that can be easily mapped, analyzed, adjusted, and implemented. As business problems become more complex, the need for a workflow-based solution has never been more evident. WF provides a simple and consistent way to model and implement complex solutions. As a developer, you focus on developing the business logic for individual workflow tasks. The runtime handles the execution of those tasks after they have been composed into a workflow. Pro WF: Windows Workflow in .NET 3.5 provides you with the skills you need to incorporate WF into your applications. This book gets you up to speed with Windows Workflow Foundation quickly and comprehensively. The practical aspects of using WF are covered in a lively tutorial style with each workflow concept illustrated in C#. You'll find detailed coverage of how to customize your workflows and access them in a variety of ways and situations so you can maximize the advantages of this technology. Pro WF: Windows Workflow in .NET 3.5 is written by an experienced Windows and .NET developer. Rather than simply duplicating the available references on the subject, author Bruce Bukovics leads you through a series of practical WF topics that enable you to gain immediate experience and learn how to use the technology as you progress through the book.

## **Pro ASP.NET Web API Security**

Maximizing the performance of your algorithms and applications is extremely important and can give you a competitive advantage, a lower cost of ownership, and happier users. Pro .NET Performance explains the internals of Windows, the CLR, and the physical hardware that affect the performance of your applications, and gives you the knowledge and tools to measure how your code performs in isolation from external factors. The book is full of C# code samples and tips to help you squeeze every bit of juice from your application—lower memory utilization, consistent CPU usage, and fewer I/O operations across the network and disk. Pro .NET Performance will change the way you think about .NET application development. Guides you through performance measurement with a variety of profilers and other tools Explains how OS and CLR internals affect your application's performance in unexpected ways Provides you with tips and real-life case studies for improving application performance

## **Inside Microsoft Dynamics AX 2012 R3**

The first edition of this book was released at the 2001 Tech-Ed conference in Atlanta, Georgia. At that time, the .NET platform was still a beta product, and in many ways, so was this book. This is not to say that the early editions of this text did not have merit—after all, the book was a 2002 Jolt Award finalist and it won the 2003 Referenceware Excellence Award. However, over the years that author Andrew Troelsen spent working with the common language runtime (CLR), he gained a much deeper understanding of the .NET platform and the subtleties of the C# programming language, and he feels that this fifth edition of the book is as close to a “final release” as he's come yet. This new edition has been comprehensively revised and rewritten to make it accurately reflect the C# 4 language specification for the .NET 4 platform. You'll find new chapters covering the important concepts of dynamic lookups, named and optional arguments, Parallel LINQ (PLINQ), improved COM interop, and variance for generics. If you're checking out this book for the first time, do understand that it's targeted at experienced software professionals and/or graduate students of computer science (so don't expect three chapters on iteration or decision constructs!). The mission of this text is to provide you with a rock-solid foundation in the C# programming language and the core aspects of the .NET platform (assemblies, remoting, Windows Forms, Web Forms, ADO.NET, XML web services, etc.). Once you digest the information presented in these 25 chapters, you'll be in a perfect position to apply this knowledge to your specific programming assignments, and you'll be well equipped to explore the .NET universe on your own terms.

## **Pro BAM in BizTalk Server 2009**

The professional's guide to C# 7, with expert guidance on the newest features Professional C# 7 and .NET Core 2.0

provides experienced programmers with the information they need to work effectively with the world's leading programming language. The latest C# update added many new features that help you get more done in less time, and this book is your ideal guide for getting up to speed quickly. C# 7 focuses on data consumption, code simplification, and performance, with new support for local functions, tuple types, record types, pattern matching, non-nullable reference types, immutable types, and better support for variables. Improvements to Visual Studio will bring significant changes to the way C# developers interact with the space, bringing .NET to non-Microsoft platforms and incorporating tools from other platforms like Docker, Gulp, and NPM. Guided by a leading .NET expert and steeped in real-world practicality, this guide is designed to get you up to date and back to work. With Microsoft speeding up its release cadence while offering more significant improvement with each update, it has never been more important to get a handle on new tools and features quickly. This book is designed to do just that, and more—everything you need to know about C# is right here, in the single-volume resource on every developer's shelf. Tour the many new and enhanced features packed into C# 7 and .NET Core 2.0 Learn how the latest Visual Studio update makes developers' jobs easier Streamline your workflow with a new focus on code simplification and performance enhancement Delve into improvements made for localization, networking, diagnostics, deployments, and more Whether you're entirely new to C# or just transitioning to C# 7, having a solid grasp of the latest features allows you to exploit the language's full functionality to create robust, high-quality apps. Professional C# 7 and .NET Core 2.0 is the one-stop guide to everything you need to know.

### **Pro WCF**

This book provides readers with a complete A-Z for using C# with the .NET 2.0 Platform and the .NET 3.0 extensions. It contains new chapters digging deeply into the interactions between the existing framework and the new extensions to give readers the edge when they come to evaluation and implement .NET 3.0 for the first time. To provide even more support, the book includes a bonus CD that provides over five hundred pages of carefully selected additional content to help broaden a reader's understanding of both .NET 2.0 and .NET 3.0.

### **Professional SharePoint 2013 Development**

Over 70 recipes with hands-on, ready to implement solutions for authoring Microsoft Windows Workflow Foundation 4.0 workflows with this book and eBook.

### **Professional C# 7 and .NET Core 2.0**

Workflow-based Process Controlling Systems provide companies with the ability to measure the operational performance of

their business processes in a timely and accurate fashion. The combination of workflow audit trails with data warehouse technology and operational business data allows for complex analyses that can support managers in their assessment of an organization's performance. The increasing maturity of business process management and data warehouse systems enables the design and development of advanced process-oriented management information systems. Michael zur Muehlen discusses the integration of workflow audit trail data with existing data warehouse structures and develops a reference architecture for process-oriented management information systems. Starting with an organizational and technical analysis of process organizations, this book provides a comprehensive documentation of business process management, workflow technology, and existing standardization efforts. The proposed reference architecture is validated in an industry context. A prototypical implementation of the reference architecture and its integration with a commercial business process management system are demonstrated as well. This book is directed at both practitioners and academics in the fields of business process management, management accounting, and information systems research. Michael zur Muehlen is Assistant Professor of Information Systems at Stevens Institute of Technology in Hoboken, NJ, USA, where he directs the SAP/IDS Center of Excellence in Business Process Innovation. Michael is an active contributor to several standardization groups in the workflow domain, and a director of the AIS special interest group on Process Automation and Management.

## **Pro WCF 4**

SharePoint 2010 is a huge technology with tens of thousands of companies adopting it from all across the globe. Within the SharePoint product stack, workflows are one of the most compelling and ROI generating features for many business. SharePoint 2010 Workflows in Action will take you through the SharePoint workflow fundamentals, and all the way to very advanced topics to help you meet your most complex workflow requirements. This includes covering topics such as the out of box workflows, and building custom workflows with SharePoint Designer 2010, Office Visio 2010, and Visual Studio 2010. Additionally, the book covers topics that are very important to workflow such as building forms with InfoPath 2010, building custom task processes, building custom activities and conditions, and how to leverage external data sources in your workflows via Business Connectivity Services. Other goodies include building State Machine workflows, leveraging ASP.NET forms, workflow event handlers, and publishing custom actions and conditions into SharePoint Designer. The book is a one stop shop workflow resource for anyone building workflows for the SharePoint 2010 platform. 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.

## **ASP.NET 3.5 Application Architecture and Design**

This book will teach you all about Windows Server AppFabric, a set of extensions to Windows Server that allow it to function as a lightweight, application server. The combination of Windows Server and AppFabric provides an easy-to-manage

platform for developing, deploying, and reliably hosting middle-tier WCF/WF services. Windows Server AppFabric fills an important vacuum left in the wake of COM and COM+'s demise as the .NET platform has risen to prominence. Provided as an extension to Internet Information Services (IIS), the built-in application server frees you from having to create your own Windows services to perform application hosting. Instead, you can take advantage of plumbing and infrastructure that Microsoft provides for you, freeing you to focus on just your business logic while still being able to deploy n-tier solutions on Windows Server. In this way, Windows Server AppFabric solves the problem of developing, deploying, and reliably hosting middle-tier WCF/WF services. If you're an experienced developer, you'll want to learn about Windows Server AppFabric fast, without a lot of reading. And that's what this book is all about. It cuts to the chase and shows you the simplicity and elegance that combine to form Windows Server AppFabric, getting you up to speed fast, so that you can take advantage of all the platform has to offer.

## **Pro C# with .NET 3.0, Special Edition**

This new edition of Pro C# 5.0 and the .NET 4.5 Platform has been completely revised and rewritten to reflect the latest changes to the C# language specification and new advances in the .NET Framework. You'll find new chapters covering all the important new features that make .NET 4.5 the most comprehensive release yet, including: .NET APIs for Windows 8 style UI apps New asynchronous task-based model for async operations How HTML5 support is being wrapped into C# web applications New programming interfaces for HTTP applications, including improved IPv6 support Expanded WPF, WCF and WF libraries giving C# more power than ever before This comes on top of award winning coverage of core C# features, both old and new, that have made the previous editions of this book so popular (you'll find everything from generics to pLINQ covered here). The mission of this text is to provide you with a rock-solid foundation in the C# programming language and the core aspects of the .NET platform (assemblies, remoting, Windows Forms, Web Forms, ADO.NET, XML web services, etc.). Once you digest the information presented in these 25 chapters, you'll be in a perfect position to apply this knowledge to your specific programming assignments, and you'll be well equipped to explore the .NET universe on your own terms.

## **Pro WPF and Silverlight MVVM**

This book provides a complete A-to-Z reference for using VB with the .NET 2.0 platform and the .NET 3.0 extensions. It contains new chapters that explore the interactions between the existing framework and the new extensions, offering readers an edge when they evaluate and implement .NET 3.0 for the first time. To provide even more support, the book comes with a bonus CD that provides over 500 pages of carefully selected additional content to help broaden a reader's understanding of both .NET 2.0 and .NET 3.0.

## **Entity Framework Core in Action**

As software complexity increases, proper build practices become ever more important. This essential reference—fully updated for Visual Studio 2010—drills inside MSBuild and shows you how to maximize your control over the build and deployment process. Learn how to customize and extend build processes with MSBuild—and scale them to the team, product, or enterprise level with Team Foundation Build.

## **Professional Visual Studio 2013**

Practical SharePoint 2013 Enterprise Content Management is the first book to guide you through planning and designing each phase of your information life cycle with SharePoint 2013. Author and SharePoint expert Steve Goodyear walks you through how to analyze and plan enterprise content management (ECM) solutions for an effective and end-to-end information design based on your organization's needs and business requirements. Inside, you will develop a full understanding of how SharePoint 2013 manages content including identifying and understanding your organization's information within SharePoint, collaborating on transitory content, and capturing and controlling your records. You'll get practical advice and best practice instruction for each phase of the information life cycle to guide you on designing your ECM strategy and implementing your own ECM solution. You learn how to: Apply a content life cycle model to analyze and understand your organization's information Design your file plan with content routing rules for your SharePoint records repository Plan and configure your eDiscovery portal and manage discovery cases Design solutions to interface and integrate with external records management systems Identify your organization's information security requirements Design content types and implement an enterprise content type hub to organize your information Practical SharePoint 2013 Enterprise Content Management is for you if you are a SharePoint architect, administrator, consultant, or project manager, and you implement SharePoint solutions that relate to one or more aspects of the information life cycle involved with ECM.

## **Pro Agile .NET Development with SCRUM**

In Essential Windows Workflow Foundation, two WF lead architects—Dharma Shukla and Bob Schmidt—offer an under-the-hood look at the technology, explaining the why and not just the how of WF's key concepts and architecture. Serious WF developers seeking details about how to effectively utilize and extend the framework by writing activities will find cogent explanations and answers here. With simple and illustrative examples, the authors demonstrate exactly how to leverage WF's extensible programming model to craft domain-specific programs. Drawing on their unique vantage point in designing and developing WF, Shukla and Schmidt deliver authoritative coverage of The core concepts and ideas that form the heart of WF's programming model The execution model for activities, with details of the activity automaton, bookmarking,

scheduling, and the threading model of the WF runtime Advanced execution concepts, including activity execution contexts, transactions, persistence points, passivation, fault handling, cancellation, compensation, and synchronization Hosting the WF runtime in applications The activity component model, with details of validation, compilation, serialization, and visualization Databinding, XAML, dependency properties, and WF program metadata Declarative conditions and rules, activity designers, and designer hosting Custom control flow patterns ranging from simple sequencing and iteration to more complex graphs and state machines Dynamic editing of running WF program instances Essential Windows Workflow Foundation is the definitive resource for developers seeking an in-depth understanding of this novel technology.

## **Inside the Microsoft Build Engine**

Business activity monitoring, or BAM, provides real-time business intelligence by capturing data as it flows through a business system. By using BAM, you can monitor a business process in real time and generate alerts when the process needs human intervention. Pro Business Activity Monitoring in BizTalk 2009 focuses on Microsoft's BAM tools, which provide a flexible infrastructure that captures data from Windows Communication Foundation, Windows Workflow Foundation, .NET applications, and BizTalk Server. This book shows why BAM is an important component of any business intelligence strategy because it bridges the gap between business intelligence and business process management. Part One of the book covers the basics of BAM. It teaches you how to install BAM, and then it leads you through a complete but simple project to capture data from a WCF service Part Two of the book describes the BAM tool set. It shows you how to define the data that is captured by BAM, wire up a BizTalk application for BAM, and view BAM data using the BAM Portal Part Three of the book focuses on monitoring applications written in WCF or WF. It also shows you how to use the BAM API Part Four of the book covers advanced topics in BAM. These topics include integrating BAM with Microsoft's BI stack, creating relationships between BAM activities, managing BAM servers, and monitoring BizTalk applications using BAM This book contains numerous exercises to help you learn BAM. Source code for the samples is available from Apress.com. For many CIOs, business intelligence is at the top of their priority lists. Learn why with Pro Business Activity Monitoring in BizTalk 2009.

## **Essential Windows Workflow Foundation**

Become a more productive programmer by leveraging the newest features available to you in C#. This book highlights the new language features available to you and how to use these and other tools such as Bootstrap, SCSS, and jQuery to enhance your web applications. Exploring Advanced Features in C# starts with some of the new features of C# 7 and previews C# 8, where the author demonstrates how to implement local functions, tuples, generalized async return types, and many more. Next, you go through some of the distinct features of C# that might often be overlooked such as generics, asynchronous programming, and dynamic types. The author demonstrates how to implement these features through clear

and concise examples. Next, you'll discuss creating responsive web applications using ASP.NET Model View Controller (MVC) where you'll learn how to combine Bootstrap with jQuery and SCSS to create interactive web applications with a great-looking, user-friendly UI. Moving forward, you will create and run applications on the latest .NET Core version 3.0 as well as explore some of the features of .NET Core 3.0. Finally, you will go through the tips and tricks of Visual Studio 2019 that make you more productive. After reading the book, you will be able to implement new features available in C# and learn how to enhance your application development using ASP.NET MVC and .NET Core. What You Will Learn Implement the new features available in C# 7 Enhance your web applications using ASP.NET MVC, Bootstrap, SCSS, and jQuery See what C# 8 has to offer with clear code examples Create and run applications in .NET Core 3.0 Who This Is Book For C# programmers who have worked with C# for a number of years and who want to keep up to date with the latest advancements of the language .

### **Microsoft Windows Workflow Foundation**

This handbook is a comprehensive, step-by-step tool for school leader preparation candidates and school leaders alike in the development of standards-based digital school leader portfolios.

### **Pro WF**

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

## Foundations of WF

Printed entirely in color, with helpful figures and syntax coloring to make code samples appear as they do in Visual Studio. In just 24 sessions of one hour or less, you will be able to begin effectively using WPF to solve real-world problems, developing rich user interfaces in less time than you thought possible. Using a straightforward, step-by-step approach, each lesson builds on a real-world foundation forged in both technology and business matters, allowing you to learn the essentials of WPF from the ground up. Step-by-step instructions carefully walk you through the most common questions, issues, and tasks. The Q&A sections, quizzes, and exercises help you build and test your knowledge. By the Way notes present interesting pieces of information. Did You Know? tips offer advice or teach an easier way to do something. Watch Out! cautions advise you about potential problems and help you steer clear of disaster. Learn how to Use XAML to build user interfaces Leverage data binding to minimize tedious code Create visually engaging applications Architect and design WPF applications using proven patterns such as MVP Incorporate audio and video into your applications Customize controls with styles, templates, and animation Apply best practices for developing software with WPF Deploy WPF applications to the desktop and Web Take advantage of WPF's advanced printing capabilities Grow as a developer by improving your overall software design skills

Introduction 1 Part I Getting Started 1 What WPF Is and Isn't 5 2 Understanding XAML 17 3 Introducing the Font Viewer 27 4 Handling Application Layout 41 5 Using Basic Controls 59 6 Introducing Data Binding 75 Part II Reaching the User 7 Designing an Application 93 8 Building a Text Document Editor 107 9 Getting a Handle on Events 121 10 Commands 145 11 Output 157 Part III Visualizing Data 12 Building a Contact Manager 177 13 Presenters and Views 193 14 Resources and Styles 211 15 Digging Deeper into Data Binding 229 16 Visualizing Lists 251 Part IV Creating Rich Experiences 17 Building a Media Viewer 267 18 Drawing with Shapes 291 19 Colors and Brushes 315 20 Transforms and Effects 331 21 Using Control Templates 347 22 Triggers 369 23 Animation 383 24 Best Practices 407 Part V Appendixes Appendix A: Tools and Resources 423 Appendix B: 3D Tutorial Using ZAM 3D 427 Appendix C: Project Source (downloadable) 437 Index 439

## The Standards-Based Digital School Leader Portfolio

Explores the architecture, components, and tools of Microsoft Dynamics AX 2012 R3, including forms, security, SharePoint integration, workflow infrastructure, reporting, automating tasks and document distribution, and application domain

frameworks.

## **Pro C# 5.0 and the .NET 4.5 Framework**

Describes the concepts and architecture of Windows Workflow Foundation, covering such topics as workflow tracking, activity operations, logic flow activities, state-based workflows, and correlation and local host communication.

## **Practical SharePoint 2013 Enterprise Content Management**

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.

## **Professional Windows Workflow Foundation**

.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.

## **Exploring Advanced Features in C#**

Thorough coverage of development in SharePoint 2013 A team of well-known Microsoft MVPs joins forces in this fully updated resource, providing you with in-depth coverage of development tools in the latest iteration of the immensely popular SharePoint. From building solutions to building custom workflow and content management applications, this book shares field-tested best practices on all aspect of SharePoint 2013 development. Offers a thorough look at Windows Azure and SharePoint 2013 Includes new chapters on Application Life Cycle Management, developing apps in SharePoint, and building PerformancePoint Dashboards in SharePoint Professional SharePoint 2013 Development is an essential SharePoint developer title.

## **SharePoint 2010 Workflows in Action**

Windows Presentation Foundations (WPF), formerly code-named Avalon, is part of a suite of new technologies collectively known as 'The WinFX stack'. The suite, coupled with ancillary technologies such as XAML and LINQ provides a powerful addition to the .NET 2.0 Framework for creating applications for Windows Vista, and WinFX-enabled Windows XP computers. This book explains what WPF is, how it can be used and how it fits into the wider picture of new WinFX technologies. Readers get quickly up to speed with new coding techniques and processes needed for successful WPF coding, and receive a thorough practical grounding in how the technologies can be used.

## **Programming .NET 3.5**

ASP.NET Web API is a key part of ASP.NET MVC 4 and the platform of choice for building RESTful services that can be accessed by a wide range of devices. Everything from JavaScript libraries to RIA plugins, RFID readers to smart phones can consume your services using platform-agnostic HTTP. With such wide accessibility, securing your code effectively needs to be a top priority. You will quickly find that the WCF security protocols you're familiar with from .NET are less suitable than

they once were in this new environment, proving themselves cumbersome and limited in terms of the standards they can work with. Fortunately, ASP.NET Web API provides a simple, robust security solution of its own that fits neatly within the ASP.NET MVC programming model and secures your code without the need for SOAP, meaning that there is no limit to the range of devices that it can work with – if it can understand HTTP, then it can be secured by Web API. These SOAP-less security techniques are the focus of this book.

## **Workflow-based Process Controlling**

Pro Agile .NET Development with SCRUM guides you through a real-world ASP.NET project and shows how agile methodology is put into practice. There is plenty of literature on the theory behind agile methodologies, but no book on the market takes the concepts of agile practices and applies these in a practical manner to an end-to-end ASP.NET project, especially the estimating, requirements and management aspects of a project. Pro Agile .NET Development with SCRUM takes you through the initial stages of a project—gathering requirements and setting up an environment—through to the development and deployment stages using an agile iterative approach: namely, Scrum. In the book, you'll focus on delivering an enterprise-level ASP.NET project. Each chapter is in iterations or sprints, putting into practice the features of agile—user stories, test-driven development (TDD), behavior-driven development (BDD), continuous integration, user acceptance testing, extreme programming, Scrum, design patterns and principles, inside-out development, lean development, KanBan boards, and more. An appendix features code katas designed for the reader to get up-to-speed with some of the features of extreme programming, while also showcasing popular open-source frameworks to assist in automated testing and mocking. In addition, popular open-source architectural foundation projects such as S#arp and NCommons are demonstrated to allow you to base future projects on these frameworks, which already have many best-practice design patterns and principles built in.

## **Pro WF 4.5**

Windows Workflow Foundation is part of a bundle of new products that update .NET 2.0 into .NET 3.0. This book is one of the first to cover this important addition to .NET, and aims to provide the reader with a solid grounding in how workflows are implemented, executed, maintained and customized. By comprehensively covering WF from setup through implementation to customization readers are given a 'one stop' grounding in the subject. Given the importance of this technology release, the fact that WF is a free add-on, and the book's broad appeal, it will be useful to almost all existing or migrating .NET 2.0 developers.

## **Sams Teach Yourself WPF in 24 Hours**

Windows Workflow Foundation is an addition to the WinFx Software Development Kit designed to allow any application to add workflow functionality. Microsoft expects workflow to be one of the next hottest topics within application design and development. This book helps readers who are just beginning their workflow design efforts with WF. All code samples are presented in both VB.NET and C# using Visual Studio 2005. This includes a sample ASP.NET application written in VB.NET that uses workflow and the Windows Workflow Foundation along with a windows application written in C# that uses the same workflow.

## **Pro Windows Server AppFabric**

Part of Microsoft's radical new WinFX API is the foundation code-named Indigo, now commonly known as Windows Communication Foundation (WCF). WCF technology allows web developers to create services that communicate and interoperate with each other and other programs and applications. This text is real-world oriented, offering a practical WCF programming model, and chapters on creating a WCF web service; hosting and consuming WCF services; deploying and managing WCF services; reliable messaging and queue management, and WCF Security. As there are currently few books available on WCF, this book will be useful to WCF developers, who tend to be early adopters.

## **Essential SharePoint® 2013**

Comprehensive guide to Visual Studio 2013 Visual Studio is your essential tool for Windows programming. Visual Studio 2013 features important updates to the user interface and to productivity. In Professional Visual Studio 2013, author, Microsoft Certified Trainer, and Microsoft Visual C# MVP Bruce Johnson brings three decades of industry experience to guide you through the update, and he doesn't just gloss over the basics. With his unique IDE-centric approach, he steers into the nooks and crannies to help you use Visual Studio 2013 to its maximum potential. Choose from more theme options, check out the new icons, and make your settings portable Step up your workflow with hover colors, auto brace completion, peek, and CodeLens Code ASP.NET faster than ever with new shortcuts Get acquainted with the new SharePoint 2013 environment Find your way around the new XAML editor for Windows Store apps Visual Studio 2013 includes better support for advanced debugging techniques, vast improvements to the visual database tools, and new support for UI testing for Windows Store apps. This update is the key to smoother, quicker programming, and Professional Visual Studio 2013 is your map to everything inside.

## **Pro C# 2008 and the .NET 3.5 Platform**

Build robust, scalable ASP.NET applications quickly and easily.

## **Pro WPF 4.5 in C#**

.NET 3.5 is Microsoft's largest development software launch since .NET 2.0 and (unlike .NET 3.0) completely replaces all previous .NET versions. A new version of Visual Studio – Visual Studio 'Orcas' is being created for the new Framework together with new versions of both the C# and Visual Basic languages. This book deals with this new C# language and provides developers with a complete treatise on the new technology – explaining the importance of all the new features (lambda expressions, LINQ, ASP.NET AJAX, WPF everywhere) and how they integrate into the framework of the previous .NET versions. It is a comprehensively revised and updated version of the author's previous award-winning titles.

## **Pro C# 2010 and the .NET 4 Platform**

Pro WCF 4.0: Practical Microsoft SOA Implementation is a complete guide to Windows Communication Foundation from the service-oriented architecture (SOA) perspective, showing you why WCF is important to service-oriented architecture and development. This book provides deep insight into the functionality of WCF, which shipped with .NET 4.0-like service discovery, routing service, simplified configuration, and other advanced features. Included in this title are informative examples that will aid the reader in understanding and implementing these important additions. This book also covers the unified programming model, reliable messaging, security, and the peer-to-peer programming model. You'll also learn how to move your current .NET remoting and web service applications to WCF, and how to integrate those applications with WCF 4.0. This book offers genuine insight into solving real enterprise problems using WCF and .NET 4.0.

## **Microsoft Windows Workflow Foundation 4.0 Cookbook**

In Pro WF 4.5, you'll find the insight and direction for understanding how to build workflows using WF 4.5 and host them as long-running services using Microsoft's Windows Server, for on-premises work, and Azure AppFabric, for hosting workflows in the cloud. With the concept of cloud computing using Windows Azure and the maturity of Windows Server technology, workflow services can be hosted with first-class service monitoring with less overhead from a developer's perspective. Building workflows in a declarative fashion, and hosting them as services, is a natural way for building business logic that is tiered away from running applications that subscribe to them, therefore providing flexibility for when business processes change. In Pro WF 4.5, author Bayer White walks you, as the developer, through the steps and explains the concepts of declaratively modeling domain specific business processes that can be hosted and exposed as services, either on premise or as cloud services within Windows Azure. Gives you a practical knowledge of WF 4.5, Windows Server and Azure AppFabric. Builds a foundation for building workflows that can be exposed on-premise or in the cloud. Shows how to use the tools available for managing workflow services.

## **Pro WF**

WPF and Silverlight are unlike any other user interface (UI) technologies. They have been built to a new paradigm that—if harnessed correctly—can yield unprecedented power and performance. This book shows you how to control that power to produce clean, testable, maintainable code. It is now recognized that any non-trivial WPF or Silverlight application needs be designed around the Model-View-ViewModel (MVVM) design pattern in order to unlock the technology's full data-binding potential. However, the knowledge of how to do this is missing from a large part of the development community—even amongst those who work with WPF and Silverlight on a daily basis. Too often there is a reliance on programmatic interaction between controls and not enough trust in the technologies' data-binding capabilities. This leads to a clouding of design values and an inevitable loss of performance, scalability, and maintainability throughout the application. Pro WPF and Silverlight MVVM will show you how to arrange your application so that it can grow as much as required in any direction without danger of collapse.

## **Microsoft Office SharePoint Designer 2007 Step by Step**

The smart way to learn Office SharePoint Designer 2007—one step at a time! Work at your own pace through the easy numbered steps, practice files on CD, helpful hints, and troubleshooting tips to master the fundamentals of building customized SharePoint sites and applications. You'll learn how to work with Windows SharePoint Services 3.0 and Office SharePoint Server 2007 to create Web pages complete with Cascading Style Sheets, Lists, Libraries, and customized Web parts. Then, make your site really work for you by adding data sources, including databases, XML data and Web services, and RSS feeds. You'll even learn how to create workflows and applications with custom forms, templates, and dashboards to enhance your team's productivity. With STEP BY STEP, you can take just the lessons you need or work from cover to cover. Either way, you drive the instruction, building and practicing the skills you need, just when you need them! Includes an easy-search companion CD with hands-on practice files, a complete eBook, and more! For customers who purchase an ebook version of this title, instructions for downloading the CD files can be found in the ebook.

## **Microsoft Visual Studio 2010 Unleashed**

The Only Book That's 100% Focused on Maximizing the Business Value of SharePoint 2013 Essential SharePoint® 2013 approaches Microsoft SharePoint 2013 from a strict business value perspective, helping you plan and implement solutions that achieve effective business results. Leading SharePoint experts draw on their unsurpassed experience to provide business-focused guidance on strategy, governance, planning, deployment, and more. You'll find in-depth insights for success with collaboration, knowledge and content management, governance, and user adoption. The authors help you

choose features, organize information, define security models, and launch your solution. They present best practices for search, workflow, business intelligence, and integrating information from Office 2013 and beyond. Each chapter includes a section introducing new SharePoint 2013 capabilities, from improved site branding to native iPhone mobile apps. Throughout, the authors identify success factors, intangibles, and “gotchas,” helping you reduce risk and time-to-value. Learn how to

- Ask the right questions to craft a plan that maximizes business value
- Efficiently deploy either “green field” solutions or upgrades
- Integrate web, Office, and mobile devices into a comprehensive collaboration solution
- Plan effective governance of content, operations, and applications
- Deliver enterprise content management, integrating documents, data, web content, and rich media
- Use search to help find the right knowledge and people
- Measure and optimize user adoption to increase ROI
- Evaluate the cloud-based SharePoint Online option
- Use social tools to promote deeper user interaction
- Collaborate and communicate with customers, partners, and suppliers
- Quickly create agile solutions with mashups and composites

Whether you’re a business leader, IT manager, architect, analyst, developer, or consultant, this book will help you tightly align SharePoint projects with business strategy to deliver outstanding results.

## **Foundations of WPF**

Reading and storing data is a core part of any application, and .NET developers want database access to be easy and intuitive. Entity Framework Core is a .NET library designed to simplify data persistence, bridging the mismatch between the different structures of object-oriented code and relational databases. Entity Framework Core in Action teaches developers how to add database functionality to .NET applications with EF Core. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications.

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