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4 Step By Step (Step By Step Developer)

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Learn how to hack systems like black hat hackers and secure them like security experts Key Features Understand how computer systems work and their vulnerabilities Exploit weaknesses and hack into machines to test their security Learn how to secure systems from hackers Book Description This book starts with the basics of ethical hacking, how to practice hacking safely and legally, and how to install and interact with Kali Linux and the Linux terminal. You will

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explore network hacking, where you will see how to test the security of wired and wireless networks. You'll also learn how to crack the password for any Wi-Fi network (whether it uses WEP, WPA, or WPA2) and spy on the connected devices. Moving on, you will discover how to gain access to remote computer systems using client-side and server-side attacks. You will also get the hang of post-exploitation techniques, including remotely controlling and interacting with the systems that you compromised. Towards the end of the book, you will be able to pick up web application hacking techniques. You'll see how to discover, exploit, and prevent a number of website vulnerabilities, such as XSS and SQL injections. The attacks covered are practical techniques that work against real systems and are purely for educational purposes. At the

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end of each section, you will learn how to detect, prevent, and secure systems from these attacks. What you will learn

- Understand ethical hacking and the different fields and types of hackers
- Set up a penetration testing lab to practice safe and legal hacking
- Explore Linux basics, commands, and how to interact with the terminal
- Access password-protected networks and spy on connected clients
- Use server and client-side attacks to hack and control remote computers
- Control a hacked system remotely and use it to hack other systems
- Discover, exploit, and prevent a number of web application vulnerabilities such as XSS and SQL injections

Who this book is for Learning Ethical Hacking from Scratch is for anyone interested in learning how to hack and test the security of systems like professional hackers and security experts.

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This new edition of Friedman's landmark book explains the flattening of the world better than ever- and takes a new measure of the effects of this change on each of us.

Your hands-on, step-by-step guide to building connected, service-oriented applications. Teach yourself the essentials of Windows Communication Foundation (WCF) 4 -- one step at a time. With this practical, learn-by-doing tutorial, you get the clear guidance and hands-on examples you need to begin creating Web services for robust Windows-based business applications. Discover how to:

- Build and host SOAP and REST services
- Maintain service contracts and data contracts
- Control configuration and communications programmatically
- Implement message encryption, authentication, and authorization
- Manage identity with Windows CardSpace

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Begin working with Windows Workflow Foundation to create scalable and durable business services Implement service discovery and message routing Optimize performance with service throttling, encoding, and streaming Integrate WCF services with ASP.NET clients and enterprise services components Your Step by Step digital content includes: Practice exercises Downloadable code samples Fully searchable online edition of the book -- with unlimited access on the Web

“Whether this is the first time or the fifty-first time you’re using WCF, you’ll learn something new by reading this book.” --Nicholas Allen, Program Manager, Web Services, Microsoft Windows Communication Foundation (WCF) is the easiest way to produce and consume Web services on the

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Microsoft platform. With .NET 3.5, WCF has been extensively revamped--and Visual Studio 2008 gives developers powerful new tools for utilizing it. Essential Windows Communication Foundation shows developers exactly how to make the most of WCF with .NET 3.5 and Visual Studio 2008. Drawing on extensive experience working with early adopters, three Microsoft insiders systematically address the topics developers ask about WCF. The authors approach each subject with practical advice and present best practices, tips, and tricks for solving problems. Throughout, you'll find detailed explanations, solutions for the "pain points" of WCF development, and an extensive collection of reusable code examples. Coverage includes Using WCF contracts to define complex structures and interfaces Understanding WCF's

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channel stacks and channel model architecture
Configuring the WCF communication stack to use only the protocols you need
Using standard and custom service behaviors to manage concurrency, instances, transactions, and more
Serializing data from .NET types to XML Infosets and representing Infosets “on the wire”
Hosting WCF services via IIS, managed .NET applications, and Windows Activation Services
WCF security, in depth: authentication; transport and message-level security; and Internet and intranet scenarios
Improving reliability: exception handling, diagnostics, and more
Workflow services: new integration points between WCF 3.5 and Windows Workflow Foundation
Building client-to-client, peer network-based applications
Utilizing WCF for non-SOAP Web services: AJAX and JSON

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examples and .NET 3.5 hosting classes Microsoft's Steve Resnick, Richard Crane, and Chris Bowen are technology experts at the Microsoft Technology Center in Boston. They specialize in helping customers improve their technical agility by applying WCF and related technologies. Resnick has specialized in Internet technologies and distributed computing at Microsoft since 1995. He is a frequent speaker at Microsoft events and is now technology director for the U.S. Microsoft Technology Centers. Crane has more than 15 years of experience in senior software development roles. He specializes in large-scale Web sites, distributed computing, transactional systems, and performance analysis. Bowen has been an architect and developer for more than 15 years at companies such as Monster.com and Staples and is co-

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author of Professional Visual Studio 2005 Team System.

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Professional WCF Programming

Visual QuickStart Guide

Preparing Graphics and Text for Professional Printing

Pro WCF

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The World Is Flat [Further Updated and Expanded; Release 3.0]

C# has quickly established itself as one of the world's most widely used programming languages. The newest version, Visual C# 2010, includes several important new features, including Silverlight, the Entity Framework, tighter integration with version 4.0 of the .NET Framework, and full support for programming Windows 7 and Office. The proven Sams Teach Yourself method will help all newcomers to C# 2010 get up to speed quickly, no matter whether you've had experience with previous versions of Visual C# or not. You are taken step by step

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through the process of software development, learning elements as you build a sample application so that the material is framed in a real world approach. The accompanying DVD contains Visual C# 2010 Express Edition, and the companion Web site contains all the code and exercises from the book. Step-by-step instructions carefully walk you through the most common tasks Q & As, quizzes, and exercises at the end of each chapter help you test your knowledge Notes and tips point out shortcuts and solutions The companion DVD contains Visual C# 2010 Express Edition - everything you need to get started programming

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in C#

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

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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. This book offers genuine insight into solving real enterprise problems using WCF and .NET 4.0. A guide to architecting, designing, and building distributed applications with Windows Communication Foundation Windows Communication Foundation is the .NET technology that is used to build service-oriented

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applications, exchange messages in various communication scenarios, and run workflows. This guide enables developers to create state-of-the-art applications using this technology. Written by a team of Microsoft MVPs and WCF experts, this book explains how the pieces of WCF 4.0 build on each other to provide a comprehensive framework to support distributed enterprise applications. Experienced developers will learn both theory and practical application using the familiar Wrox approach. .NET developers will learn to design services, create a hosting environment with Dublin, build cloud-based integrations, and much more.

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**Coverage Includes: Design Principles and
Patterns Service Contracts and Data Contracts
Bindings Clients Instancing Workflow Services
Understanding WCF Security WCF Security in
Action Federated Authentication in WCF
Windows Azure Platform AppFabric Creating a
SOA Case Creating the Communication and
Integration Case Creating the Business Process
Hosting**

**Scores of talented and dedicated people serve
the forensic science community, performing
vital work. However, they are often
constrained by lack of adequate resources,
sound policies, and national support. It is clear**

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that change and advancements, both systematic and scientific, are needed in a number of forensic science disciplines to ensure the reliability of work, establish enforceable standards, and promote best practices with consistent application. Strengthening Forensic Science in the United States: A Path Forward provides a detailed plan for addressing these needs and suggests the creation of a new government entity, the National Institute of Forensic Science, to establish and enforce standards within the forensic science community. The benefits of improving and regulating the forensic science disciplines are

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clear: assisting law enforcement officials, enhancing homeland security, and reducing the risk of wrongful conviction and exoneration. Strengthening Forensic Science in the United States gives a full account of what is needed to advance the forensic science disciplines, including upgrading of systems and organizational structures, better training, widespread adoption of uniform and enforceable best practices, and mandatory certification and accreditation programs. While this book provides an essential call-to-action for congress and policy makers, it also serves as a vital tool for law enforcement agencies, criminal

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prosecutors and attorneys, and forensic science educators.

**Practical Microsoft SOA Implementation
Strengthening Forensic Science in the United States**

A Path Forward

A Unifying Foundation

Essential Windows Communication Foundation (WCF)

Programming ASP.NET Core, Programming ASP.NET Core

Your hands-on guide to Visual C# fundamentals
Expand your expertise—and teach yourself the

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fundamentals of Microsoft Visual C# 2013. If you have previous programming experience but are new to Visual C# 2013, this tutorial delivers the step-by-step guidance and coding exercises you need to master core topics and techniques.

Discover how to: Create and debug C# applications in Visual Studio 2013 Work with variables, identifiers, statements, operators, and methods Create interfaces and define abstract classes Write robust code that can catch and handle exceptions Display and edit data using data binding with Microsoft ADO.NET Entity Framework Respond to user input and

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touchscreen gestures Handle events arising from multiple sources Develop your first Windows 8.1 apps

Written by Microsoft software legend Juval Lowy, *Programming WCF Services* is the authoritative introduction to Microsoft's new, and some say revolutionary, unified platform for developing service-oriented applications (SOA) on Windows. Relentlessly practical, the book delivers insight, not documentation, to teach developers what they need to know to build the next generation of SOAs. After explaining the advantages of service-orientation for application design and teaching

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the basics of how to develop SOAs using WCF, the book shows how you can take advantage of built-in features such as service hosting, instance management, asynchronous calls, synchronization, reliability, transaction management, disconnected queued calls and security to build best in class applications. Programming WCF Services focuses on the rationale behind particular design decisions, often shedding light on poorly-documented and little-understood aspects of SOA development. Developers and architects will learn not only the "how" of WCF programming, but also relevant

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design guidelines, best practices, and pitfalls. Original techniques and utilities provided by the author throughout the book go well beyond anything that can be found in conventional sources. Based on experience and insight gained while taking part in the strategic design of WCF and working with the team that implemented it, *Programming WCF Services* provides experienced working professionals with the definitive work on WCF. Not only will this book make you a WCF expert, it will make you a better software engineer. It's the Rosetta Stone of WCF.

FOREWORD BY GUY KAWASAKI Presentation

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designer and internationally acclaimed communications expert Garr Reynolds, creator of the most popular Web site on presentation design and delivery on the Net — presentationzen.com — shares his experience in a provocative mix of illumination, inspiration, education, and guidance that will change the way you think about making presentations with PowerPoint or Keynote.

Presentation Zen challenges the conventional wisdom of making "slide presentations" in today's world and encourages you to think differently and more creatively about the preparation, design, and delivery of your presentations. Garr shares

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lessons and perspectives that draw upon practical advice from the fields of communication and business. Combining solid principles of design with the tenets of Zen simplicity, this book will help you along the path to simpler, more effective presentations.

If you want to gain the skills to build Windows Workflow Foundation solutions, then this is the book for you. It provides you with a clear, practical guide on how to develop workflow-based software and integrate it into existing technology landscapes. Throughout the pages, you'll also find numerous real-world examples and sample

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code that will help you to get started quickly. Each major area of Windows Workflow Foundation is explored in depth along with some of the fundamentals operations related to generic workflow applications. You'll also find detailed coverage on how to develop workflow in Visual Studio(r), extend the framework with custom code, and utilize the framework with Microsoft(r) technologies such as SharePoint(r) 2007 and Windows Communication Foundation (WCF). You'll then be able to use Windows Workflow Foundation to create innovative business solutions that provide value to organizations.

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What you will learn from this book * The different areas of the Windows Workflow Foundation architecture * Details about workflow hosting, execution, and communication * How to build workflow-based solutions without constructing the underlying workflow logic * Tips for developing solutions using the out-of-the-box functionality * Techniques for extending the base APIs * How to apply each piece of the Windows Workflow Foundation platform to real-world scenarios * Best practices for debugging workflows Who this book is for This book is for developers and architects interested in learning

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more about Windows Workflow Foundation. You should have some familiarity with the .NET Framework.

Simple Ideas on Presentation Design and Delivery

Microsoft Windows Communication Foundation:

Hands-on

Microsoft Windows Communication Foundation

Step by Step

Learning WCF

Microsoft Visual C# 2013 Step by Step

Pro WF

#1 NEW YORK TIMES BESTSELLER • ONE OF TIME

MAGAZINE'S 100 BEST YA BOOKS OF ALL TIME The

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extraordinary, beloved novel about the ability of books to feed the soul even in the darkest of times. When Death has a story to tell, you listen. It is 1939. Nazi Germany. The country is holding its breath. Death has never been busier, and will become busier still. Liesel Meminger is a foster girl living outside of Munich, who scratches out a meager existence for herself by stealing when she encounters something she can't resist—books. With the help of her accordion-playing foster father, she learns to read and shares her stolen books with her neighbors during bombing raids as well as with the Jewish man hidden in her basement. In superbly crafted writing that burns with intensity, award-winning author Markus Zusak, author of I Am the Messenger, has given us one of the most enduring stories of our time. “The kind of

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book that can be life-changing.” —The New York Times

“Deserves a place on the same shelf with The Diary of a Young Girl by Anne Frank.” —USA Today **DON'T MISS BRIDGE OF CLAY, MARKUS ZUSAK'S FIRST NOVEL SINCE THE BOOK THIEF.**

Provides information and examples on using Windows Communication Foundation to build service-oriented applications.

This essential classic title provides a comprehensive foundation in the C# programming language and the frameworks it lives in.

Now in its 8th edition, you'll find all the very latest C# 7.1 and .NET 4.7 features here, along with four brand new chapters on Microsoft's lightweight, cross-platform framework, .NET Core,

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up to and including .NET Core 2.0. Coverage of ASP.NET Core, Entity Framework (EF) Core, and more, sits alongside the latest updates to .NET, including Windows Presentation Foundation (WPF), Windows Communication Foundation (WCF), and ASP.NET MVC. Dive in and discover why Pro C# has been a favorite of C# developers worldwide for over 15 years. Gain a solid foundation in object-oriented development techniques, attributes and reflection, generics and collections as well as numerous advanced topics not found in other texts (such as CIL opcodes and emitting dynamic assemblies). With the help of this book you'll have the confidence to put C# into practice and explore the .NET universe on your own terms. What You Will Learn Discover the latest C# 7.1 features, from tuples to pattern

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matching Hit the ground running with Microsoft's lightweight, open source .NET Core platform, including ASP.NET Core MVC, ASP.NET Core web services, and Entity Framework Core Find complete coverage of XAML, .NET 4.7, and Visual Studio 2017 Understand the philosophy behind .NET and the new, cross-platform alternative, .NET Core

Your essential guide to key programming features in Microsoft SQL Server 2012 Take your database programming skills to a new level—and build customized applications using the developer tools introduced with SQL Server 2012. This hands-on reference shows you how to design, test, and deploy SQL Server databases through tutorials, practical examples, and code samples. If you're an experienced SQL Server developer, this book is a must-read

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for learning how to design and build effective SQL Server 2012 applications. Discover how to: Build and deploy databases using the SQL Server Data Tools IDE Query and manipulate complex data with powerful Transact-SQL enhancements Integrate non-relational features, including native file streaming and geospatial data types Consume data with Microsoft ADO.NET, LINQ, and Entity Framework Deliver data using Windows Communication Foundation (WCF) Data Services and WCF RIA Services Move your database to the cloud with Windows Azure SQL Database Develop Windows Phone cloud applications using SQL Data Sync Use SQL Server BI components, including xVelocity in-memory technologies

Learn Ethical Hacking from Scratch

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Transforming the Workforce for Children Birth Through Age 8

Microsoft Visual C++/CLI Step by Step

Silverlight 2 Unleashed

Mastering WCF and the Azure AppFabric Service Bus

From Design Into Print

Windows Communication Foundation 4 Step by
Step Pearson Education

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

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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.

This easy-to-use introduction to Microsoft Windows Communication Foundation (WCF) is ideal for developers who want to learn to build services on a company network or as part of an enterprise system. Built into Windows Vista and Longhorn, and available for Windows XP and Windows 2003, WCF provides a

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platform for service-oriented architecture (SOA) that enables secure and reliable communication among systems within an organization or across the Internet. With WCF, software developers can focus on their business applications and not the plumbing required to connect them. Furthermore, with WCF developers can learn a single programming API to achieve results previously provided by ASMX, Enterprise Services and .NET Remoting. Learning WCF removes the complexity of using this platform by providing detailed answers, explanations and code samples for the most common questions asked by software developers. Windows Communication Foundation (or WCF, formerly code

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name "Indigo") provides a set of programming APIs that make it easy to build and consume secure, reliable, and transacted services. This platform removes the need for developers to learn different technologies such as ASMX, Enterprise Services and .NET Remoting, to distribute system functionality on a corporate network or over the Internet. The first truly service-oriented platform, WCF provides innovations that decouple service design and development from deployment and distribution - creating a more flexible and agile environment. WCF also encapsulates all of the latest web service standards for addressing, security, reliability and more.

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Programming WCF Services is the authoritative, bestselling guide to Microsoft's unified platform for developing modern service-oriented applications on Windows. Hailed as the definitive treatment of WCF, this book provides unique insight, rather than documentation, to help you learn the topics and skills you need for building WCF-based applications that are maintainable, extensible, and reusable. Author Juval Löwy -- one of the world's top .NET experts -- revised this edition to include the newest productivity-enhancing features of .NET Framework 4 and the Azure AppFabric Service Bus, as well as the latest WCF ideas and techniques. By teaching you the why and the how of

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WCF programming, Programming WCF Services will help you master WCF and make you a better software engineer. Learn about WCF architecture and essential building blocks, including key concepts such as reliability and transport sessions Use built-in features such as service hosting, instance and concurrency management, transactions, disconnected queued calls, security, and discovery Master the Windows Azure AppFabric Service Bus, the most revolutionary piece of the new cloud computing initiative Increase your productivity and the quality of your WCF services by taking advantage of relevant design options, tips, and best practices in Löwy's ServiceModelEx framework

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Discover the rationale behind particular design decisions, and delve into rarely understood aspects of WCF development "If you choose to learn WCF, you've chosen well. If you choose to learn with the resource and guidance of Juval Löwy, you've done even better... there are few people alive today who know WCF as well." --Ron Jacobs, Senior Technical Evangelist for WCF, Microsoft Corporation

A Hands-on Guide
Microsoft Visual C# 2010 Step by Step
With .NET and .NET Core
.NET Development with the Windows Communication Foundation

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Presentation Zen

Introducing Bootstrap 4

Children are already learning at birth, and they develop and learn at a rapid pace in their early years. This provides a critical foundation for lifelong progress, and the adults who provide for the care and the education of young children bear a great responsibility for their health, development, and learning. Despite the fact that they share the same objective - to nurture young children and secure their future success - the various practitioners

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who contribute to the care and the education of children from birth through age 8 are not acknowledged as a workforce unified by the common knowledge and competencies needed to do their jobs well. Transforming the Workforce for Children Birth Through Age 8 explores the science of child development, particularly looking at implications for the professionals who work with children. This report examines the current capacities and practices of the workforce, the settings in which they work, the policies and infrastructure that

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set qualifications and provide professional learning, and the government agencies and other funders who support and oversee these systems. This book then makes recommendations to improve the quality of professional practice and the practice environment for care and education professionals. These detailed recommendations create a blueprint for action that builds on a unifying foundation of child development and early learning, shared knowledge and competencies for care and education

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professionals, and principles for effective professional learning. Young children thrive and learn best when they have secure, positive relationships with adults who are knowledgeable about how to support their development and learning and are responsive to their individual progress. Transforming the Workforce for Children Birth Through Age 8 offers guidance on system changes to improve the quality of professional practice, specific actions to improve professional learning systems and workforce development, and

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research to continue to build the knowledge base in ways that will directly advance and inform future actions. The recommendations of this book provide an opportunity to improve the quality of the care and the education that children receive, and ultimately improve outcomes for children.

Presenting cutting-edge insights from industry practitioners, *.NET 4 for Enterprise Architects and Developers* supplies in-depth coverage of the various server-side features of Microsoft .NET

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Framework 4 that can be leveraged in Enterprise Application development. It provides a fundamental understanding of the technical aspects of implementation and

The deep integration of IIS7 and ASP.NET provides both IIS7 administrators and ASP.NET developers with new and exciting programming tools, techniques, and approaches that were not possible with earlier versions of IIS. With this book, Dr. Shahram Khosravi presents you with the only resource to focus exclusively on the

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key features of this exciting integration. You'll get in-depth coverage of all the major systems that make up the IIS7 and ASP.NET integrated infrastructure, detailed explanations on how they work, guidance on how to use them in your own applications, and techniques for extending them to meet your application requirements. Packed with detailed code walkthroughs and in-depth analyses of numerous real-world examples - all written and tested with Windows Vista, Windows Server 2008, ASP.NET 2.0, and ASP.NET 3.5

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(Visual Studio 2008), this book helps you gain the skills, knowledge, and experience you need to use and to extend the major systems that make up the IIS7 and ASP.NET integrated infrastructure. Some of the key topics covered include: How to write integrated IIS7 and ASP.NET code that works with Windows Vista, Windows Server 2008, ASP.NET 2.0, and ASP.NET 3.5 (Visual Studio 2008) Techniques for implementing and plugging custom HTTP modules, handlers, and handler factories into the IIS7 and ASP.NET integrated request

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processing pipeline How to manage the IIS7 and ASP.NET integrated configuration system from IIS7 Manager, appcmd.exe, and managed code Tips for using the IIS7 and ASP.NET integrated declarative schema extension markup language (sectionSchema, attribute, element, collection, and so on) to implement custom configuration sections Techniques for using and extending the IIS7 and ASP.NET integrated managed code system (ConfigurationElement, ConfigurationElementCollectionBaseT, ConfigurationSection, ApplicationPool,

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Site, Application, ServerManager and so on) to add support for custom managed classes Tips for extending the IIS7 and ASP.NET integrated graphical management system (ModuleServiceProxy, ModuleDialogPage, ModuleListPage, TaskForm, Module, ModuleService, ModuleProvider, TextTaskItem, MethodTaskItem, and so on) to add new graphical components to IIS7 Manager Techniques for using and extending the IIS7 and ASP.NET integrated providers system (ProviderConfigurationFeature,

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ProviderConfigurationSettings,
IProviderConfigurationService,
ConfigurationModuleProvider, and so on)
and ways to implement and to plug custom
provider-based services into this system
and IIS7 Manager Ways to use the IIS7 and
ASP.NET integrated tracing and diagnostics
- TraceSource, SourceSwitch,
IisTraceListener, EventTypeFilter, RSCA,
Request, WorkerProcess, Failed Request
Tracing, and so on ASP.NET and Windows
Communication Foundation integration in
IIS7

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Teach yourself how to build applications with Microsoft Visual C# 2012 and Visual Studio 2012—one step at a time. Ideal for those with fundamental programming skills, this tutorial provides practical, learn-by-doing exercises for mastering core C# language features and creating working applications and components for Windows. Discover how to: Work with variables, non-reserved identifiers, statements, operators, and methods Use the new application models provided by Windows 8 and the Windows Runtime Create interfaces

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and define abstract classes Manage errors
and exception handling Use collection
classes Work with databases by using
DataBinding with the Entity Framework
Respond to user input and gestures; gather
input from devices and other sources
Handle events arising from multiple
sources Develop your first Windows 8 apps
Pro C# 7

Microsoft ASP.NET 4 Step by Step
Programming Microsoft SQL Server 2012

Windows Communication Foundation with .NET

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4

"Online Book + Practice Files"--Cover
Windows Communication Foundation (WCF) is Microsoft ' s dynamic technology for allowing autonomous software to communicate. Superseding earlier technologies such as COM/DCOM, .NET Remoting, ASP.NET Web Services, and the Web Services Enhancements for .NET, WCF provides a single solution that is designed to always be the best way to exchange data among software entities. It also provides the infrastructure for developing the next generation of Web Services, with support for the WS-* family of specifications, and a new serialization system for

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enhanced performance. In the 3.5 release, WCF has been expanded to include support for REST, JSON, and Syndication (RSS and Atom) services, further broadening the possibilities for what can be done. For information technology professionals, WCF supplies an impressive array of administration tools that enterprises and software vendors can use to reduce the cost of ownership of their solutions without writing a single line of code. Most important, WCF delivers on the promise of model-driven software development with the new software factory approach, by which one can iteratively design solutions in a modeling language and generate executables from lower-level class

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libraries. Windows Communication Foundation 3.5 Unleashed is designed to be the essential resource for software developers and architects working with WCF. The book guides readers through a conceptual understanding of all the facilities of WCF and provides step-by-step guides to applying the technology to practical problems. As evangelists at Microsoft for WCF, WF, and CardSpace, Craig McMurtry, Marc Mercuri, Nigel Watling, and Matt Winkler are uniquely positioned to write this book. They had access to the development team and to the product as it was being built. Their work with enterprises and outside software vendors has given them unique insight into how others see

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the software, how they want to apply it, and the challenges they face in doing so. --Gives you nearly 100 best practices for programming with WCF --Provides detailed coverage of how to version services that you will not find anywhere else --Delves into using WCF together with Windows Workflow Foundation (WF) and Windows CardSpace --Provides detailed coverage of the new high-performance data contract serializer for .NET --Walks you through creating secure, reliable, transacted messaging, and how to understand the available options --Introduces you to federated, claims-based security and shows you how to incorporate SAML and WS-Trust security token services into your architecture

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- Provides step-by-step instructions for how to customize every aspect of WCF
- Shows you how to add behaviors, communication channels, message encoders, and transports
- Presents options for implementing publish/subscribe solutions
- Gives clear guidance on peer-to-peer communications with WCF

Teach yourself the fundamentals of Web development with ASP.NET 4-one step at a time. With STEP BY STEP, you get the guidance and learn-by-doing examples you need to start building Web applications and Web services in the Microsoft Visual Studio(R) 2010 environment. The author-a highly regarded programming expert, writer, and

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instructor-illuminates ASP.NET features through practical examples that help developers quickly grasp concepts and apply techniques to the real world. The book also includes a companion CD with code samples, data sets, and a fully searchable eBook. For customers who purchase an ebook version of this title, instructions for downloading the CD files can be found in the ebook.

Python is a remarkably powerful dynamic programming language used in a wide variety of situations such as Web, database access, desktop GUIs, game and software development, and network programming. Fans of Python use the phrase "batteries included" to describe the standard

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library, which covers everything from asynchronous processing to zip files. The language itself is a flexible powerhouse that can handle practically any application domain. This task-based tutorial on Python is for those new to the language and walks you through the fundamentals. You'll learn about arithmetic, strings, and variables; writing programs; flow of control, functions; strings; data structures; input and output; and exception handling. At the end of the book, a special section walks you through a longer, realistic application, tying the concepts of the book together. Teach yourself the essentials of Windows Communication Foundation—one step at a time. With this practical tutorial,

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you get hands-on guidance for creating the Web services you need to implement robust business applications for Windows. Discover how to: Build and host a Web service Design service contracts and data contracts Maintain state information and support transactions Programmatically configure bindings and endpoints Use load-balancing and perform content-based message routing Implement message encryption, authentication, authorization Optimize performance with service throttling, encoding, and streaming Implement asynchronous operations, oneway methods, and events Create services that interoperate with ASP.NET and COM+ CD features: Files for practice

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exercises Code samples Fully searchable eBook A Note Regarding the CD or DVD The print version of this book ships with a CD or DVD. For those customers purchasing one of the digital formats in which this book is available, we are pleased to offer the CD/DVD content as a free download via O'Reilly Media's Digital Distribution services. To download this content, please visit O'Reilly's web site, search for the title of this book to find its catalog page, and click on the link below the cover image (Examples, Companion Content, or Practice Files). Note that while we provide as much of the media content as we are able via free download, we are sometimes limited by licensing restrictions. Please

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direct any questions or concerns to booktech@oreilly.com.

Complete Starter Kit

Programming WCF Services

Your stepping stone to penetration testing

Pro WCF 4

Sams Teach Yourself Visual C# 2010 in 24 Hours

.NET 4 for Enterprise Architects and Developers

The complete, pragmatic guide to building high-value solutions with ASP.NET Core

Programming ASP.NET Core is the definitive guide to practical web-based application development with Microsoft's new ASP.NET Core

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framework. Microsoft MVP Dino Esposito introduces proven techniques and well-crafted example code for solving real problems with ASP.NET Core. Step by step, he guides you through using all key ASP.NET Core technologies, including MVC for HTML generation, .NET Core, EF Core, ASP.NET Identity, dependency injection, and much more. Esposito thoroughly covers ASP.NET Core's cross-platform capabilities and what's changed from older ASP.NET versions, but he doesn't stop there: he offers a complete learning path for

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every developer who wants to build production solutions, including mobile-specific solutions. Microsoft MVP Dino Esposito shows how to:

- Create new projects and understand their structure***
- Set up and use the familiar MVC application model in ASP.NET Core***
- Write controller class code to govern all stages of request processing***
- Serve HTML from controllers, or directly via Razor Pages***
- Master the Razor language for quickly defining the layout of HTML views***
- Manage cross-cutting concerns such as global configuration data,***

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error and exception handling, controller class design, and dependency injection • Secure applications with user authentication and ASP.NET Core's policy-based user authorization API • Design for efficient data access, and choose the right option for reading and writing data • Build ASP.NET Core Web APIs that return JSON, XML, or other data • Use data binding to programmatically update visual components with fresh information • Build device-friendly web views for iOS and Android • Explore the radically new ASP.NET Core runtime

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environment and Dependency Injection (DI) infrastructure

Learn how to use the front end CSS framework Bootstrap 4 to create powerful web applications. You'll work with all the components of Bootstrap 4 using easy-to-follow instructions and example code snippets. You'll also use Bootstrap 4 for typography, forms, and modules, and see how to structure your page and your code to be optimally efficient. CSS frameworks give front end developers the capability to create responsible or adaptive web designs that

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overcome the various variations of modern browsers. Bootstrap is the leading CSS framework and gives developers a unique way to create responsive web sites. What You'll Learn Understand the basics about responsive web design using CSS3 Install and use the SASS framework Use the templates and themes market for Bootstrap Who This Book Is For This book is for developers of web applications who already know how to use CSS and JavaScript and want to explore the capabilities of a framework to increase productivity.

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Your hands-on guide to Visual C++/CLI fundamentals Expand your expertise—and teach yourself the fundamentals of the Microsoft Visual C++/CLI language. If you have previous programming experience but are new to Visual C++, this tutorial delivers the step-by-step guidance and coding exercises you need to master core topics and techniques. Discover how to: Write and debug object-oriented C++ programs in Visual Studio 2012 Utilize the various features of the C++/CLI language Make use of the Microsoft .NET Framework Class

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Library Create a simple Windows Store app Use .NET features such as properties, delegates and events Access data from disparate sources using ADO.NET Create and consume web services using Windows Communication Foundation Work effectively with legacy code and COM

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

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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.

Windows Workflow in .NET 3.0

Professional Windows Workflow Foundation

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Python

The Book Thief

Microsoft Visual C# 2012 Step By Step

Windows Communication Foundation 3.5

Unleashed

A designer in New York creates a beautiful design but when she prints it the colors become muddy. An art director in Seattle sends a file to the print shop, and they call him to say the job won't print. The editor of a college paper can't figure out why all the pictures in the paper are jagged. And a

freelance designer is Chicago needs to bid on her first print job. Linescreen, DPI, CMYK, RIPs, bleeds, spots, and spreads: Why didn't they teach this stuff in design school? Sandee Cohen comes to the rescue, whether you're producing your first newsletter or you're an experienced graphic designer who needs to come up to speed on professional-level printing. She'll tell you how to make your desktop printer behave, and will take the mystery out of dealing with print providers. You'll learn all the necessary techniques, the

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terminology, and the rules of printing (and when you can break them). It's like having your own production manager standing over your shoulder. The copious information in From Design Into Print will have your designs looking as stunning in print as they do on your monitor. This book will help you: Choose the right desktop printer for your needs Finally understand resolution Get the results you want from page-layout and image-editing applications Find the best stock images Know what to expect when RGB colors convert to

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CMYK Figure out your fonts Preflight your work Sound smart when talking to a print shop

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

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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

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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

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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

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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**

Teach yourself Visual C# 2010-one step at a time. Ideal for developers with fundamental programming skills, this practical tutorial features learn-by-doing exercises that demonstrate how, when, and why to use the

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features of the C# rapid application development environment. You'll learn how to use Microsoft Visual Studio 2010 and Microsoft .NET Framework 4.0; develop a solid, fundamental understanding of C# language features; and then get to work creating actual components and working applications for the Windows operating system. You'll also delve into data management technologies and Web-based applications.

Windows Communication Foundation

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(WCF--formerly codename Indigo) ties together previously separate Microsoft connectivity technologies (Web Services, MSMQ, COM+, .NET Remoting, etc.) into a single programming model. WCF is part of the WinFX platform that is essentially the Windows Programming SDK that will ship with Windows Vista. This title addresses an unmet need in the marketplace as there are no books, or much documentation at all, of the post-Beta 1 WCF programming model and therefore brings developers the information

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**they need to be prepared to work with this
technology upon its release.**

**Professional IIS 7 and ASP.NET Integrated
Programming**

A Brief History of the Twenty-first Century

Microsoft Visual C# Step by Step

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**Your hands-on guide to Microsoft Visual C#
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Studio 2015. If you are an experienced software developer, you'll get all the guidance, exercises, and code you need to start building responsive, scalable Windows 10 and Universal Windows Platform applications with Visual C#. Discover how to: Quickly start creating Visual C# code and projects with Visual Studio 2015 Work with variables, operators, expressions, and methods Control program flow with decision and iteration statements Build more robust apps with error, exception, and resource management Master the essentials of Visual

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C# object-oriented programming Use enumerations, structures, generics, collections, indexers, and other advanced features Create in-memory data queries with LINQ query expressions Improve application throughput and response time with asynchronous methods Decouple application logic and event handling Streamline development with new app templates Implement the Model-View-ViewModel (MVVM) pattern Build Universal Windows Platform apps that smoothly adapt to PCs, tablets, and Windows phones

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Integrate Microsoft Azure cloud databases and RESTful web services About You For software developers who are new to Visual C# or who are upgrading from older versions Readers should have experience with at least one programming language No prior Microsoft .NET or Visual Studio development experience required