

*"Joe and Ryan know the pain points you'll encounter when programming against Active Directory. As a result, this book overflows with practical wisdom."*

—From the Foreword by Keith Brown, Pluralsight



# The .NET Developer's Guide to Directory Services Programming

Microsoft  
**.net**  
Development  
Series

Joe Kaplan  
Ryan Dunn

# The Net Developer S Guide To Directory Services Programming

**Kenn Scribner, Scott Seely**



## **The Net Developer S Guide To Directory Services Programming:**

**The .NET Developer's Guide to Directory Services Programming** Joe Kaplan,Ryan Dunn,2006-05-08 If you have any interest in writing NET programs using Active Directory or ADAM this is the book you want to read Joe Richards Microsoft MVP directory services Identity and Access Management are rapidly gaining importance as key areas of practice in the IT industry and directory services provide the fundamental building blocks that enable them For enterprise developers struggling to build directory enabled NET applications The NET Developer s Guide to Directory Services Programming will come as a welcome aid Microsoft MVPs Joe Kaplan and Ryan Dunn have written a practical introduction to programming directory services using both versions 1 1 and 2 0 of the NET Framework The extensive examples in the book are in C a companion Web site includes both C and Visual Basic source code and examples Readers will Learn to create rename update and delete objects in Active Directory and ADAM Learn to bind to and search directories effectively and efficiently Learn to read and write attributes of all types in the directory Learn to use directory services within ASP NET applications Get concrete examples of common programming tasks such as managing Active Directory and ADAM users and groups and performing authentication Experienced NET developers those building enterprise applications or simply interested in learning about directory services will find that The NET Developer s Guide to Directory Services Programming unravels the complexities and helps them to avoid the common pitfalls that developers face

**Active Directory Cookbook** Brian Svidergol,Robbie Allen,2013-05-29 Take the guesswork out of deploying administering and automating Active Directory With hundreds of proven recipes the updated edition of this popular cookbook provides quick step by step solutions to common and not so common problems you might encounter when working with Microsoft s network directory service This fourth edition includes troubleshooting recipes for Windows Server 2012 Windows 8 and Exchange 2013 based on valuable input from Windows administrators You ll also find quick solutions for the Lightweight Directory Access Protocol LDAP Active Directory Lightweight Directory Services AD LDS multi master replication DNS Group Policy and many other features Manage new AD features such as the Recycle Bin Group Managed Service Accounts and fine grained password policies Work with AD from the command line and use Windows PowerShell to automate tasks Remove and create forests domains and trusts Create groups modify group scope and type and manage membership Delegate control view and modify permissions and handle Kerberos tickets Import and export data with LDAP Data Interchange Format LDIF Synchronize multiple directories and enforce data integrity within a single or multiple stores Back up AD and perform authoritative and non authoritative restores

**Active Directory** Brian Desmond,Joe Richards,Robbie Allen,Alistair G. Lowe-Norris,2013-04-11 Provides information on the features functions and implementation of Active Directory covering such topics as management tools searching the AD database and the Kerberos security protocol

**Effective REST Services via .NET** Kenn Scribner,Scott Seely,2009-04-17 Build Web Services Better and Faster with RESTful Techniques and NET Technologies

Developers are rapidly discovering the power of REST to simplify the development of even the most sophisticated Web services and today's .NET platform is packed with tools for effective REST development. Now for the first time there's a complete practical guide to building REST-based services with .NET development technologies. Long-time .NET and Web services developers and authors Kenn Stribner and Scott Seely explain why REST fits so smoothly into the Internet ecosystem, why RESTful services are so much easier to build, what it means to be RESTful, and how to identify behaviors that are not RESTful. Next, they review the core Internet standards and .NET technologies used to develop RESTful solutions and show exactly how to apply them on both the client and server side. Using detailed code examples, Stribner and Seely begin with simple ASP.NET techniques and then introduce increasingly powerful options including Windows Communication Foundation, WCF, and Microsoft's cloud computing initiative, Azure. Coverage includes accessing RESTful services from desktop applications using Windows Forms and WPF; supporting Web client operations using Silverlight 2.0, JavaScript, and other technologies; understanding how IIS 7.0 processes HTTP requests and using that knowledge to build better REST services; constructing REST services based on traditional ASP.NET constructs; utilizing the ASP.NET MVC Framework to implement RESTful services more effectively; taking advantage of WCF 3.5's powerful REST-specific capabilities; creating RESTful data views effortlessly with ADO.NET Data Services; leveraging Microsoft's Azure cloud computing platform to build innovative new services; choosing the right .NET technology for each REST application or service.

**Essential ASP.NET 2.0** Fritz Onion, Keith Brown, 2006-10-30

No one knows ASP.NET like Fritz Onion. And no one knows .NET security like Keith Brown. Combine the two and what do you get? The most comprehensive and enlightening book on ASP.NET 2.0 industrywide. I'm sure you'll find the book you're holding was worth every penny.

Aaron Skonnard, member of technical staff and cofounder, Pluralsight: Essential ASP.NET 2.0 gets under the hood and dismantles the engine before your eyes. Fritz and Keith understand that we as developers need to understand how it works, and this book does exactly that. Their explanation of the ASP.NET 2.0 page event sequence is worth the price of the book alone.

Shawn Wildermuth, Microsoft MVP: C# The ADO Guy. Essential ASP.NET 2.0 is an incredibly useful must-read for any developer. Many books drag you through theory and mindless detail, but this one actually sets up the problems you may encounter with ASP.NET 2.0 and rolls out the alternatives.

Patrick Hynds, Microsoft Regional Director and President, CriticalSites: This book is essential for any ASP.NET developer moving from version 1.x to 2.0. Onion and Brown not only cover the new features but provide a wealth of insight and detail about how to use them effectively.

Ron Petrusha, author of Visual Basic 2005 The Complete Reference: Drawing on their deep technical knowledge and real-world experience, Fritz and Keith take the reader into some of the less-explored and much-improved areas of ASP.NET, such as diagnostics and state management and performance. Readers will turn to this book over and over again.

John Timney, Microsoft MVP, Senior Web Services Consultant, British Telecom: Fritz and Keith, both established developers and writers in our industry, have succeeded again, enlightening us on the latest advancements found in ASP.NET 2.

0 If you re new to ASP NET or a seasoned veteran you ll benefit tremendously from their overview analysis and sample code Joe MSJoe Flanigen This book seeks not only to explain how to effectively build Web sites with ASP NET it also gives the reader an idea of how the process works This insight is essential to creating applications that work with the infrastructure rather than fighting it Justin Burtch Vice President Newbrook Solutions Essential ASP NET 2 0 is the Microsoft developer s definitive reference for ASP NET 2 0 programming It covers all you need to know to build robust well designed Web applications with ASP NET 2 0 Visual Studio 2005 and NET 2 0 ASP NET MVP Fritz Onion and Developer Security MVP Keith Brown draw on their unparalleled experience working with ASP NET 2 0 and teaching it to professional developers From data binding to security UIs to performance they demystify ASP NET 2 0 s most difficult areas and introduce little known techniques for leveraging it to the fullest The perfect companion to his previous classic Essential ASP NET with Examples in C Essential ASP NET 2 0 offers hundreds of new C examples that illuminate today s best Web development practices Both C and VB 2005 versions of all code examples can be downloaded from the companion Web site Topics explored in depth include Application architecture Code behind Master pages Themes and skins Navigation controls Data binding State management Security Web Parts Diagnostics Performance optimization Asynchronous tasks and pages Simply put if you want to design and build better ASP NET 2 0 Web applications Essential ASP NET 2 0 delivers everything you need insider s knowledge proven best practices and outstanding code samples

Designing Forms for Microsoft Office InfoPath and Forms Services 2007 Scott Roberts,Hagen Green,2007-02-05 Microsoft Office InfoPath represents a revolutionary leap in XML technologies and a new paradigm for gathering business critical information I am delighted that Scott Roberts and Hagen Green two distinguished members of the InfoPath product team decided to share their experience in this book From the Foreword by Jean Paoli cocreator of XML 1 0 and Microsoft Office InfoPath Microsoft Office InfoPath 2007 offers breakthrough tools for gathering managing and integrating business critical information and creating efficient forms driven processes Two longtime members of Microsoft s InfoPath product team have written the first comprehensive hands on guide to building successful XML based solutions with InfoPath 2007 The book opens with a practical primer on the fundamentals of InfoPath form template design for information workers and application developers at all levels of experience It then moves into advanced techniques for customizing integrating and extending form templates with all the code examples and detail needed by professional developers Learn how to Design form templates create blank form templates insert and customize controls use advanced formatting and construct and lay out views Work with data start with XML data or schema manually edit data sources and understand design time visuals Add custom business logic to forms and integrate them with other applications Retrieve and query data from external data sources including XML files databases SharePoint lists Web services and ADO NET DataSets Submit and receive form data using ADO NET Save preview and publish to e mail SharePoint and more Build reusable components with template parts Create workflows with SharePoint and InfoPath E Mail Forms Administer Forms

Services and Web enabled form templates Build advanced form templates using C form code custom controls add ins and the new InfoPath 2007 managed object model Design form templates using Visual Studio Tools for Office VSTO Update secure and optimize your form templates List of Figures List of Tables Foreword Preface About the Authors PART I Designing Forms Chapter 1 Introduction to InfoPath 2007 Chapter 2 Basics of InfoPath Form Design Chapter 3 Working with Data Chapter 4 Advanced Controls and Customization Chapter 5 Adding Logic without Code Chapter 6 Retrieving Data from External Sources Chapter 7 Extended Features of Data Connections Chapter 8 Submitting Form Data Chapter 9 Saving and Publishing Chapter 10 Building Reusable Components Chapter 11 Security and Deployment Chapter 12 Creating Reports Chapter 13 Workflow Chapter 14 Introduction to Forms Services Part II Advanced Form Design Chapter 15 Writing Code in InfoPath Chapter 16 Visual Studio Tools for Microsoft Office InfoPath 2007 Chapter 17 Advanced Forms Services Chapter 18 Hosting InfoPath Chapter 19 Building Custom Controls Using ActiveX Technologies Chapter 20 Add ins Chapter 21 Importers and Exporters Appendix Further Reading Index

Essential LINQ Charlie Calvert,Dinesh Kulkarni,2009-03-12 Charlie and Dinesh bring important skills to this project that enable them to show how LINQ works and the practical ways you can use it in your daily development process From the Foreword by Anders Hejlsberg LINQ is one of Microsoft s most exciting powerful new development technologies Essential LINQ is the first LINQ book written by leading members of Microsoft s LINQ and C teams Writing for architects developers and development managers these Microsoft insiders share their intimate understanding of LINQ revealing new patterns and best practices for getting the most out of it Calvert and Kulkarni begin by clearly explaining how LINQ resolves the long time impedance mismatch between object oriented code and relational databases Next they show how LINQ integrates querying into C as a first class citizen Using realistic code examples they show how LINQ provides a strongly typed IntelliSense aware technology for working with data from any source including SQL databases XML files and generic data structures Calvert and Kulkarni carefully explain LINQ s transformative composable and declarative capabilities By fully illuminating these three concepts the authors allow developers to discover LINQ s full power In addition to covering core concepts and hands on LINQ development in C with LINQ to Objects LINQ to XML LINQ to SQL and LINQ to Entities they also present advanced topics and new LINQ implementations developed by the LINQ community This book Explains the entire lifecycle of a LINQ project design development debugging and much more Teaches LINQ from both a practical and theoretical perspective Leverages C language features that simplify LINQ development Offers developers powerful LINQ query expressions to perform virtually any data related task Teaches how to query SQL databases for objects and how to modify those objects Demonstrates effective use stored procedures and database functions with LINQ Shows how to add business logic that reflects the specific requirements of your organization Teaches developers to create query and transform XML data with LINQ Shows how to transform object relational and XML data between each other Offers best patterns and practices for writing robust easy to maintain LINQ code

*Advanced ASP.NET*

*ASP.NET Server Controls For .NET Framework 3.5* Adam Calderon, Joel Rurman, 2008-06-26 ASP.NET AJAX server controls can encapsulate even the most powerful AJAX functionality helping you build more elegant maintainable and scalable applications This is the first comprehensive code rich guide to custom ASP.NET AJAX server controls for experienced ASP.NET developers Unlike other books on ASP.NET AJAX this book focuses solely on server control development and reflects the significant improvements in ASP.NET 3.5 AJAX and the latest Visual Studio 2008 features for streamlining AJAX development Adam Calderon and Joel Rurman first review the core Microsoft AJAX Library and JavaScript techniques needed to support a rich client side experience Next they build upon these techniques showing how to create distributable AJAX enabled controls that include rich browser independent JavaScript client side functionality The authors thoroughly explain both the JavaScript and .NET aspects of control development and how these two distinct environments come together to provide a foundation for building a rich user experience using ASP.NET AJAX Create object oriented cross browser JavaScript that supports .NET style classes interfaces inheritance and method overloading Work with components behaviors and controls and learn how they relate to DOM elements Learn Sys.Application and the part it plays in object creation initialization and events in the Microsoft AJAX Library Build Extender and Script controls that provide integrated script generation for their corresponding client side counterparts Localize ASP.NET AJAX controls including client script Discover ASP.NET AJAX client and server communication architecture and the new support for Windows Communication Foundation WCF Understand ASP.NET AJAX Application Services Create custom Application Services Design controls for a partial postback environment Understand the AJAX Control Toolkit architecture and the many features it provides Develop highly interactive controls using the AJAX Control Toolkit Understand AJAX Control Toolkit architecture and build controls that utilize the toolkit

*Essential C# 2.0* Mark Michaelis, 2006-07-13 A new edition of this title is available ISBN 10 0321533925 ISBN 13 9780321533920 Essential C# 2.0 pulls off a very difficult task The early chapters are comprehensible by beginning developers while the later chapters pull no punches and provide the experienced developer with the detailed information they need to make the most of C# 2.0 Starting with the first chapter Mark has successfully interwoven tidbits of information useful to even the most advanced developer while keeping the book approachable Chris Kinsman chief architect Vertafore Microsoft Regional Director How refreshing This book deals with C# thoroughly rather than skimming over the whole .NET framework It is valuable to newcomers and professionals alike Jon Skeet C# MVP Essential C# 2.0 is a one stop shop for an experienced programmer looking to ramp up on one of the hottest languages around today Mark delivers an intelligent and detailed tour of C# providing newcomers to the language with a solid foundation of skill on which to build their next generation of applications Stephen Toub technical editor MSDN Magazine This book provides complete up to date coverage of all the programming constructs in C# Masterfully organized it allows beginning programmers to get on board and leads more experienced programmers into the world of structured programming Because of its unwavering focus on the essential

programming constructs of C such as generics delegates and much more this book is indispensable For programmers who want to solve their day to day programming issues using the latest features this modern programming language has to offer this book is indispensable Narendra Poflee IT integration specialist Itron Inc Essential C 2 0 is an ideal book for all programmers interested in C If you are a beginner you will quickly learn the basics of C programming and become familiar with the concepts The flow of the text is easy to follow and does a great job of not repeating concepts that have already been covered For the experienced programmer this book has priceless nuggets embedded within its pages making it a great read for programmers who are already familiar with C This will be a book that I will keep next to my computer for years to come Michael Stokesbary software engineer Itron Inc Essential C 2 0 is a clear concise guide to C including the features new to C 2 0 The book clearly presents material for beginners and experts and provides contrasts and comparisons between C and other languages The C language is covered comprehensively and each important construct is illustrated with succinct code examples Complete code examples are available online Mark Michaelis has organized the material for quick access Graphical mind maps at the beginning of each chapter show what material is covered and how each topic relates to the whole Following the C introduction readers will learn about C primitive data types value types reference types type conversions and arrays Operators and control flow loops conditional logic and sequential programming Methods parameters exception handling and structured programming Classes inheritance structures interfaces and object oriented programming Well formed types operator overloading namespaces and garbage collection Generics collections and iterators Reflection attributes and declarative programming Threading synchronization and multi threaded patterns Interoperability and unsafe code The Common Language Infrastructure that underlies C C 2 0 has a multitude of new features that make the language even more powerful productive and efficient These new features are thoroughly covered in this book A separate appendix on C 2 0 topics helps readers quickly find new features of the language Whether you re just starting out as a programmer are an experienced developer looking to learn C or are a seasoned C programmer interested in learning the new features of C 2 0 Essential C 2 0 gives you just what you need to quickly get up and running writing C applications

**The C# Programming Language** Anders Hejlsberg,Mads Torgersen,Scott Wiltamuth,Peter Golde,2008-10-08 Based on my own experience I can safely say that every NET developer who reads this will have at least one aha moment and will be a better developer for it From the Foreword by Don Box The popular C programming language combines the high productivity of rapid application development languages with the raw power of C and C Now C 3 0 adds functional programming techniques and LINQ Language INtegrated Query The C Programming Language Third Edition is the authoritative and annotated technical reference for C 3 0 Written by Anders Hejlsberg the language s architect and his colleagues Mads Torgersen Scott Wiltamuth and Peter Golde this volume has been completely updated and reorganized for C 3 0 The book provides the complete specification of the language along with descriptions reference materials code samples and annotations from nine prominent



C gurus The many annotations a new feature in this edition bring a depth and breadth of understanding rarely found in any programming book As the main text of the book introduces the concepts of the C language cogent annotations explain why they are important how they are used how they relate to other languages and even how they evolved This book is the definitive must have reference for any developer who wants to understand C     *Visual Basic Programmer's Guide to the .NET Framework Class Library* Lars Powers, Mike Snell, 2002 The definitive reference every VB NET developer needs to understand the capabilities of NET namespaces and increase productivity inside the NET framework     Framework Design Guidelines Krzysztof Cwalina, Brad Abrams, 2008-10-22 This is the eBook version of the print title Framework Design Guidelines Second Edition Access to all the samples applications and content on the DVD is available through the product catalog page [www.informit.com](http://www.informit.com) title 9780321545619 Navigate to the Downloads tab and click on the DVD Contents links see instructions in back pages of your eBook Framework Design Guidelines Second Edition teaches developers the best practices for designing reusable libraries for the Microsoft NET Framework Expanded and updated for NET 3.5 this new edition focuses on the design issues that directly affect the programmability of a class library specifically its publicly accessible APIs This book can improve the work of any NET developer producing code that other developers will use It includes copious annotations to the guidelines by thirty five prominent architects and practitioners of the NET Framework providing a lively discussion of the reasons for the guidelines as well as examples of when to break those guidelines Microsoft architects Krzysztof Cwalina and Brad Abrams teach framework design from the top down From their significant combined experience and deep insight you will learn The general philosophy and fundamental principles of framework design Naming guidelines for the various parts of a framework Guidelines for the design and extending of types and members of types Issues affecting and guidelines for ensuring extensibility How and how not to design exceptions Guidelines for and examples of common framework design patterns Guidelines in this book are presented in four major forms Do Consider Avoid and Do not These directives help focus attention on practices that should always be used those that should generally be used those that should rarely be used and those that should never be used Every guideline includes a discussion of its applicability and most include a code example to help illuminate the dialogue Framework Design Guidelines Second Edition is the only definitive source of best practices for managed code API development direct from the architects themselves A companion DVD includes the Designing NET Class Libraries video series instructional presentations by the authors on design guidelines for developing classes and components that extend the NET Framework A sample API specification and other useful resources and tools are also included     **Essential Windows Presentation Foundation (WPF)** Chris Anderson, 2007-04-11 Windows Presentation Foundation WPF replaces Microsoft's diverse presentation technologies with a unified state of the art platform for building rich applications WPF combines the best of Windows and the Web fully integrates user interfaces documents and media and leverages the full power of XML based declarative programming In Essential Windows Presentation Foundation former WPF

architect Chris Anderson systematically introduces this breakthrough platform focusing on the concepts and techniques working developers need in order to build robust applications for real users Drawing on his unique experience as an architect on the team Anderson thoroughly illuminates the crucial new concepts underlying WPF and reveals how its APIs work together to offer developers unprecedented value Through working sample code you ll discover how WPF draws on the Web s simple models for markup and deployment common frame for applications and rich server connectivity and on Windows rich client model simple programming model strong control over look and feel and rich networking Topics explored in depth include WPF components and architecture Key WPF design decisions and why they matter XAML markup language Controls Layouts Visuals and media including 2D 3D video and animation Data integration Actions Styles WPF Base Services

**Visual Studio Team System** James W. Newkirk, Will W. Stott, 2007-05-17 Visual Studio Team System VSTS gives Microsoft development teams a powerful integrated toolset for Agile development Visual Studio Team System Better Software Development for Agile Teams is a comprehensive start to finish guide to making the most of VSTS in real world Agile environments Using a book length case study the authors show how to use VSTS to improve every aspect of software development step by step from project planning through design and from coding through testing and deployment Agile consultant Will Stott and Microsoft development lead James Newkirk carefully integrate theory and practice offering hands on exercises practical insights into core Extreme Programming XP techniques and much more Coverage includes Using VSTS to support the transition to Agile values and techniques Forming Agile teams and building effective process frameworks Leveraging Team Foundation Version Control to help teams manage change and share their code effectively Implementing incremental builds and integration with Team Foundation Build Making the most of VSTS tools for Test Driven Development and refactoring Bringing agility into software modeling and using patterns to model solutions more effectively Using the FIT integrated testing framework to make sure customers are getting what they need Estimating prioritizing and planning Agile projects

**LINQ in Action** Steve Eichert, James B. Wooley, Fabrice Marguerie, 2008-01-31 LINQ Language INtegrated Query is a new extension to the Visual Basic and C programming languages designed to simplify data queries and database interaction It addresses O R mapping issues by making query operations like SQL statements part of the programming language It also offers built in support for querying in memory collections like arrays or lists XML DataSets and relational databases LINQ in Action is a fast paced comprehensive tutorial for professional developers This book explores what can be done with LINQ shows how it works in an application and addresses the emerging best practices It presents the general purpose query facilities offered by LINQ in the upcoming C 3 0 and VB NET 9 0 languages A running example introduces basic LINQ concepts You ll then learn to query unstructured data using LINQ to XML and relational data with LINQ to SQL Finally you ll see how to extend LINQ for custom applications LINQ in Action will guide you along as you explore this new world of lambda expressions query operators and expression trees As well you ll explore the new features of C 3 0 VB NET 9

0 The book is very practical anchoring each new idea with running code Whether you want to use LINQ to query objects XML documents or relational databases you will find all the information you need to get started But LINQ in Action does not stop at the basic code This book also shows you how LINQ can be used for advanced processing of data including coverage of LINQ s extensibility which allows querying more data sources than those supported by default All code samples are built on a concrete business case The running example LinqBooks is a personal book cataloging system that shows you how to create LINQ applications with Visual Studio 2008 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 Visual Studio Tools for Office 2007 Eric Carter, Eric Lippert, 2009-02-24 Visual Studio Tools for Office 2007 VSTO for Excel Word and Outlook is the definitive book on VSTO 2008 programming written by the inventors of the technology VSTO is a set of tools that allows professional developers to use the full power of Microsoft Visual Studio 2008 and the NET Framework to program against Microsoft Office 2007 This book delivers in one place all the information you need to succeed using VSTO to program against Word 2007 Excel 2007 and Outlook 2007 and provides the necessary background to customize Visio 2007 Publisher 2007 and PowerPoint 2007 It introduces the Office 2007 object models covers the most commonly used objects in those object models and will help you avoid the pitfalls caused by the COM origins of the Office object models Developers who wish to program against Office 2003 should consult Carter and Lippert s previous book Visual Studio Tools for Office In VSTO 2008 you can build add ins for all the major Office 2007 applications build application level custom task panes customize the new Office Ribbon modify Outlook s user interface using Form Regions and easily deploy everything you build using ClickOnce Carter and Lippert cover their subject matter with deft insight into the needs of NET developers learning VSTO based on the deep knowledge that comes from the authors unique perspective of living and breathing VSTO for the past six years This book Explains the architecture of Microsoft Office programming and introduces the object models Covers the main ways Office applications are customized and extended Explores the ways of customizing Excel Word and Outlook and plumbs the depths of programming with their events and object models Introduces the VSTO programming model Teaches how to use Windows Forms and WPF in VSTO and how to work with the Document Actions Pane and application level task panes Delves into VSTO data programming and server data scenarios Teaches ClickOnce VSTO deployment This is the one book you need to succeed in programming against Office 2007 C and Visual Basic NET Code samples for download can be found here <http://www.informit.com/store/product.aspx?isbn=0321533216> *Domain-Specific Development with Visual Studio DSL Tools* Steve Cook, Gareth Jones, Stuart Kent, Alan Cameron Wills, 2007-05-24 Domain Specific Languages DSLs languages geared to specific vertical or horizontal areas of interest are generating growing excitement from software engineers and architects DSLs bring new agility to the creation and evolution of software allowing selected design aspects to be expressed in terms much closer to the system requirements than standard program code significantly reducing development costs in large scale projects and product lines In this

breakthrough book four leading experts reveal exactly how DSLs work and how you can make the most of them in your environment With Domain Specific Development with Visual Studio DSL Tools you ll begin by mastering DSL concepts and techniques that apply to all platforms Next you ll discover how to create and use DSLs with the powerful new Microsoft DSL Tools a toolset designed by this book s authors Learn how the DSL Tools integrate into Visual Studio and how to define DSLs and generate Visual Designers using Visual Studio s built in modeling technology In depth coverage includes Determining whether DSLs will work for you Comparing DSLs with other approaches to model driven development Defining tuning and evolving DSLs models presentation creation updates serialization constraints validation and more Creating Visual Designers for new DSLs with little or no coding Multiplying productivity by generating application code from your models with easy to use text templates Automatically generating configuration files resources and other artifacts Deploying Visual Designers across the organization quickly and easily Customizing Visual Designers for specialized process needs List of Figures List of Tables Foreword Preface About the Authors Chapter 1 Domain Specific Development Chapter 2 Creating and Using DSLs Chapter 3 Domain Model Definition Chapter 4 Presentation Chapter 5 Creation Deletion and Update Behavior Chapter 6 Serialization Chapter 7 Constraints and Validation Chapter 8 Generating Artifacts Chapter 9 Deploying a DSL Chapter 10 Advanced DSL Customization Chapter 11 Designing a DSL Index

**Smart Client Deployment with ClickOnce** Brian Noyes, 2006-12-27 ClickOnce demos may look simple but those techniques only work for simple applications Brian Noyes gives us the information we need to use ClickOnce in the real world and he does it with a comprehensive and organized presentation If you expect your smart client application to move very far beyond Hello World you ll want this book to help you deploy it Billy Hollis president owner Elysian Consulting Microsoft Regional Director Once again Brian has outdone himself As a writer I tend to be very critical of all technical publications including my own and it is such a pleasure to read anything Brian writes because he studies his topics well resulting in an accurate thorough yet concise piece of work ClickOnce being a new technology that deals with the pains we all have with application deployment versioning and security it is important to have a text that will guide you through the learning process give you sound advice for adopting the technology and explain why you should even care Brian gives his readers all of that Michele Leroux Bustamante chief architect IDesign Microsoft Regional Director ClickOnce is the key to Windows and smart client deployment Brian s book is the key to successfully using ClickOnce This book walks you through using ClickOnce from the basics to advanced scenarios It is an excellent resource Rockford Lhotka principal technology evangelist Magenic Technologies Microsoft Regional Director Brian covers ClickOnce with a view to real world deployment issues which is obviously based on real world experience In and of itself that is enough forme to buy the book However it is an even better investment by virtue of the fact that ClickOnce is a core part of the .NET Framework for Windows Forms 2.0 now and Windows Presentation Foundation in the future Michael Weinhardt SDK programmer writer Application Model Windows Presentation Foundation Microsoft This book covers the most important

ingredient needed for the success of a smart client application deployment. The author's unassuming writing style combined with his in-depth coverage of the topic makes this book an invaluable resource for all serious smart client developers. Vishwas Lele, principal architect, Applied Information Sciences, Microsoft Regional Director. Microsoft's new ClickOnce auto-updating technology can radically simplify application deployment. Using it, .NET developers and architects can deliver a powerful smart client experience along with the easy maintenance of today's best Web applications. Microsoft Regional Director and MVP Brian Noyes has unsurpassed experience previewing and teaching ClickOnce to professional developers. In *Smart Client Deployment with ClickOnce*, Noyes demonstrates exactly how to make the most of ClickOnce in your real-world enterprise applications. Noyes covers ClickOnce design, architecture, security, installation, updates, and Bootstrapping, each with a full case study and detailed sample code. This focused, concise book explains how to design client applications for efficient deployment and auto-updating. Perform application deployments and automatic updates quickly and easily. Deliver on-demand client application updates. Deploy prerequisites with the Visual Studio 2005 Bootstrapper. Take full control of ClickOnce's powerful publishing, update, and security options. Leverage the Visual Studio 2005 and .NET 2.0 platform features that make ClickOnce possible. Understand how your application will behave in the ClickOnce runtime environment. The book's sample code is available for download at [www.softinsight.com/clickoncebook](http://www.softinsight.com/clickoncebook). MSDN Magazine, 2008 **Active Directory**

**Cookbook** Laura E. Hunter, Robbie Allen, 2008-12-16. When you need practical, hands-on support for Active Directory, the updated edition of this extremely popular Cookbook provides quick solutions to more than 300 common and uncommon problems you might encounter when deploying, administering, and automating Microsoft's network directory service. For the third edition, Active Directory expert Laura E. Hunter offers troubleshooting recipes based on valuable input from Windows administrators in addition to her own experience. You'll find solutions for the Lightweight Directory Access Protocol (LDAP), ADAM, Active Directory Application Mode, multi-master replication, Domain Name System (DNS), Group Policy, the Active Directory Schema, and many other features. The Active Directory Cookbook will help you perform Active Directory tasks from the command line. Use scripting technologies to automate Active Directory tasks. Manage new Active Directory features such as Read-Only Domain Controllers, fine-grained password policies, and more. Create domains and trusts. Locate users whose passwords are about to expire. Apply a security filter to group policy objects. Check for potential replication problems. Restrict hosts from performing LDAP queries. View DNS server performance statistics. Each recipe includes a discussion explaining how and why the solution works so you can adapt the problem-solving techniques to similar situations. Active Directory Cookbook is ideal for any IT professional using Windows Server 2008, Exchange 2007, and Identity Lifecycle Manager 2007, including Active Directory administrators looking to automate task-based solutions. It is rare for me to visit a customer site and not see a copy of Active Directory Cookbook on a shelf somewhere, which is a testament to its usefulness. The Cookbook takes the pain out of everyday AD tasks by providing concise, clear, and relevant recipes. The fact that the recipes are provided

using different methods graphical user interface command line and scripting means that the book is suitable for anyone working with AD on a day to day basis The introduction of PowerShell examples in this latest edition will be of particular interest for those looking to transition from VBScript Laura has also done a great job in extending the Cookbook in this edition to encompass the broad range of changes to AD in Windows Server 2008 Tony Murray Founder of Activedir org and Directory Services MVP If you already understand Active Directory fundamentals and are looking for a quick solution to common Active Directory related tasks look no further you have found the book that you need joe Richards Directory Services MVP The Active Directory Cookbook is the real deal a soup to nuts catalog of every administrative task an Active Directory administrator needs to perform If you administer an Active Directory installation this is the very first book you have to put on your shelf Gil Kirkpatrick Chief Architect Active Directory and Identity Management Quest Software and Directory Services MVP

Uncover the mysteries within Explore with is enigmatic creation, **The Net Developer S Guide To Directory Services Programming** . This downloadable ebook, shrouded in suspense, is available in a PDF format ( Download in PDF: \*). Dive into a world of uncertainty and anticipation. Download now to unravel the secrets hidden within the pages.

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