

Microsoft ADO.NET

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Programming Microsoft SQL Server 2012 -

Andrew Brust 2012-07-15

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 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

Entity Framework Tutorial - Joydip Kanjilal

2015-08-24

A comprehensive guide to the Entity Framework with insight into its latest features and

optimizations for responsive data access in your projects About This Book Create Entity data models from your database and use them in your applications Learn about the Entity Client data provider and write statements in Entity SQL to perform CRUD operations Explore ADO.NET Data Services and how they work with the Entity Framework Who This Book Is For If you are a C# developer who wants to learn a new way of querying data and utilizing it in applications efficiently for data binding or other operations, then this book is for you. Basic knowledge of ADO.NET is assumed. What You Will Learn Explore the features of the ADO.NET Entity Framework Understand the concepts of entities and their relationships Create an Entity Data Model using the ADO.NET Entity Data Model Designer and the EdmGen tool Extend existing Entity Types to create your own Entity Types Write programs against the Entity Data Model to perform CRUD operations Discover ADO.NET Data Services and learn how they can be used

with the Entity Framework Familiarize yourself with WCF Data Services (formerly ADO.NET Data Services) Apply Code First, Model First and Database First approaches In Detail The ADO.NET Entity Framework from Microsoft is a new ADO.NET development framework that provides a level of abstraction for data access strategies and solves the impedance mismatch issues that exist between different data models. This book explores Microsoft's Entity Framework and explains how it can be used to build enterprise level applications. It will also teach you how you can work with RESTful Services and Google's Protocol Buffers with Entity Framework and WCF. You will explore how to use Entity Framework with ASP.NET Web API and also how to consume the data exposed by Entity Framework from client applications of varying types, i.e., ASP.NET MVC, WPF and Silverlight. You will familiarize yourself with the new features and improvements introduced in Entity Framework including enhanced POCO support,

template-based code generation, tooling consolidation and connection resiliency. By the end of the book, you will be able to successfully extend the new functionalities of Entity Framework into your project. Style and approach This book is a step-by-step tutorial providing hands-on code examples with detailed explanations. The book aims to explain the concepts of the Entity Framework and illustrate how you can use these in applications with a tutorial based approach.

Professional ADO.NET 2 - Wallace B. McClure
2005-12-05

ADO.NET revolutionized the way data was accessed through SQL Server, Oracle, and MySQL. With Microsoft's release of ADO.NET 2, ADO and the .NET Framework are integrated with SQL Server for the first time-enabling you to program .NET applications directly within the SQL Server database. Packed with sample code and recommended best practices for using ADO.NET 2, this code-intensive book explores

the new data types that are available in the 2.0 Framework and discusses the appropriate time and way to use them. You'll learn how to make repetitive, mundane tasks much simpler and you'll walk away with a solid foundation for developing database-driven applications. What you will learn from this book The basics of creating a connection, executing a query, and returning a result Best uses for Oracle in the ADO.NET Framework The many new features that are available for XML How to use the full text search capabilities of Microsoft(r) SQL Server 2005 Methods for retrieving data and presenting it in various ways Why MySQL is a viable option for data storage Who this book is for This book is for experienced database developers who want to learn the latest release of ADO.NET 2.0. Knowledge of ADO.NET 1.0, general .NET development, and Microsoft SQL Server is necessary. Wrox Professional guides are planned and written by working programmers to meet the real-world needs of

programmers, developers, and IT professionals. Focused and relevant, they address the issues technology professionals face every day. They provide examples, practical solutions, and expert education in new technologies, all designed to help programmers do a better job.

Programming ADO - David Sceppa 2000

For every developer who's uttered, "I wish I knew that before I started writing all this code!", " this guide demonstrates how to save time, write less code, and build more powerful, data-driver solutions using Microsoft ActiveX Data Objects. CD contains code samples in VB, along with examples in Visual C++, and Visual J++.

[ADO.NET Examples and Best Practices for C# Programmers](#) - Peter D. Blackburn 2002-04-01

Best-selling author Bill Vaughn gives practical advice that VB developers can use immediately to make their data access code faster and easier to write and understand.

Microsoft ADO.NET 4 Step by Step - Tim Patrick 2010-10-25

Teach yourself the fundamentals of ADO.NET 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 start creating datacentric applications for Windows and the Web. Discover how to: Connect to external data sources, including databases and other data formats Use ADO.NET Entity Framework to interact with underlying data stores Build Entity Framework models with graphical design tools in Microsoft Visual Studio 2010 Analyze information stored in ADO.NET with various LINQ providers Bind data directly to Windows Forms and Web Forms to drive information to users Manage disconnected or standalone data and information Go beyond the core functionality of ADO.NET to manipulate data in more advanced ways Your step by step digital content includes: Practice exercises Fully searchable online edition of this book -- with unlimited access on the Web

Pragmatic ADO.NET - Shawn Wildermuth 2002

A development guide to ADO.NET provides a tutorial, accompanied by real-world examples, and shows how to use ADO.NET across a variety of data platforms.

Programming Microsoft ASP.NET 2.0 Core Reference - Dino Esposito 2006

Build your expertise as you move beyond the basics--and delve into the core topics of programming with ASP.NET 2.0. Useful to both experienced developers and those developing new skills, this ultimate reference is packed with expert guidance, hands-on programming instruction, and practical examples to help you advance your mastery of developing applications for the Web. Discover how to: Author rich, visually consistent pages and manage layout with themes and Master pages Create personalized pages that persist user preferences Retrieve, modify, and manage data with Microsoft ADO.NET Configure the HTTP pipeline to serve ASP.NET 2.0 pages Control program flow by tracing and handling exceptions Design

caching layers and learn state management techniques to optimize application performance
Manage users with membership control, registration, and authentication capabilities
Build real-world data access layers using common design patterns
Use custom collections with data source controls
Learn the internals of grid controls
PLUS--Get code samples on the Web

Building Microsoft ASP.NET Applications for Mobile Devices - Andy Wigley 2003

Extend your programming expertise across the widest range of mobile devices with this incisive guide to Microsoft ASP.NET mobile controls. Now integrated into Microsoft Visual Studio .NET 2003, ASP.NET mobile controls enable you to build applications that render intelligently on different devices—regardless of markup language, browser, or form factor. The authors expertly guide you through the mobile Web application development process, explaining how to fully exploit Visual Studio .NET and the

Microsoft .NET Framework 1.1 for rapid and more flexible development. Discover how to create innovative, intuitive solutions—instead of wrestling with interoperability issues. Learn how to:
Build mobile Web Forms pages with device-independent properties, methods, and events
Use “code-behind” techniques to separate programming logic from the UI
Employ the standard controls or download new custom controls
Build controls from scratch and program device adapters
Create styles and style sheets
Customize applications for specific devices with templates
Access data using Microsoft ADO.NET and the Visual Database Tools
Know when to use application vs. session state
Apply best practices for using XML Web services in mobile applications
Help secure applications with ASP.NET authentication services
Develop multilingual and multicultural applications
Debug code, trap runtime errors, and use software emulators to test applications
Configure, package, and deploy applications

Programming Microsoft LINQ in .NET Framework 4 - Marco Russo 2010-11-23

Dig into LINQ -- and transform the way you work with data. With LINQ, you can query data from a variety of sources -- including databases, objects, and XML files -- directly from Microsoft Visual Basic or C#. Guided by data-access experts who've worked in depth with LINQ and the Microsoft development teams, you'll learn how .NET Framework 4 implements LINQ, and how to exploit it. Clear examples show you how to deliver your own data-access solutions faster and with leaner code. Discover how to: Use LINQ to query databases, object collections, arrays, XML, Microsoft Excel files, and other sources Apply LINQ best practices to build data-enabled .NET applications and services Manipulate data in a relational database with ADO.NET Entity Framework or LINQ to SQL Read, write, and manage XML content more efficiently with LINQ to XML Extend LINQ to support additional data sources by creating

custom operators and providers Examine other implementations, such as LINQ to SharePoint Use LINQ within the data, business, and service layers of a distributed application Get code samples on the Web

Applied ADO.NET - David Talbot 2008-01-01

Here is extensive coverage of ADO.NET technology including ADO.NET internals, namespaces, classes, and interfaces for beginning ADO developers.

A Programmer's Guide to ADO.NET in C# - Mahesh Chand 2002-04-17

A Programmer's Guide to ADO.NET in C# begins by taking readers through a fast-paced overview of C# and then delves into ADO.NET. Why should C# programmers use it instead of the existing technologies? What new functionality does it offer? The chapters that follow go through the details on each of the major Data Providers of the .NET platform (OleDb, SQL Server, and ODBC) that enable you to read and write data to the targeted database. These

chapters also serve as a good reference for looking up detailed methods and properties for these data provider classes. Authors Chand and Gold also show C# programmers how to work with XML classes and how to integrate XML into the ADO.NET architecture. The book provides programmers with handy ideas about taking advantage of the VS.NET IDE and how you can tie your data to the myriad of powerful controls including the multi-faceted Data Grid. Finally, it goes through creating a guest book application for the Web so you can see how all the pieces fit together.

Integrating DB2 Universal Database for ISeries with Microsoft ADO .NET - IBM Redbooks 2005

Building Web Solutions with ASP.NET and ADO.NET - Dino Esposito 2002

Most Web applications follow a simple “3F” pattern: fetch, format, and forward to the browser. With this in-depth guide, you'll take

your ASP.NET and ADO.NET skills to the next level and learn key techniques to develop more complex Web applications. Discover how to build applications for ad-hoc and effective Web reporting, applications that work disconnected from the data source and use XML to communicate with non-.NET systems, and general-purpose applications that take advantage of the data abstraction of ADO.NET. Along the way, you'll learn how to take advantage of code reusability, user controls, code-behind, custom Web controls, and other time-saving techniques employed by ASP.NET experts. Topics covered include: Data-bound .NET controls Templated and editable data grids Code reusability in .NET Advanced reporting Disconnected applications Interoperable applications XML Web services .NET Managed Providers CD-ROM FEATURES: A fully searchable electronic copy of the book Sample code written in Microsoft® Visual C#™ .NET and Visual Basic® .NET 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 direct any questions or concerns to booktech@oreilly.com.
Programming Entity Framework - Julia Lerman
2010-08-09

Get a thorough introduction to ADO.NET Entity Framework 4 -- Microsoft's core framework for modeling and interacting with data in .NET applications. The second edition of this acclaimed guide provides a hands-on tour of the

framework latest version in Visual Studio 2010 and .NET Framework 4. Not only will you learn how to use EF4 in a variety of applications, you'll also gain a deep understanding of its architecture and APIs. Written by Julia Lerman, the leading independent authority on the framework, *Programming Entity Framework* covers it all -- from the Entity Data Model and Object Services to WCF Services, MVC Apps, and unit testing. This book highlights important changes for experienced developers familiar with the earlier version. Understand the core concepts you need to make the best use of the EF4 in your applications Learn to query your data, using either LINQ to Entities or Entity SQL Create Windows Forms, WPF, ASP.NET Web Forms, and ASP.NET MVC applications Build and consume WCF Services, WCF Data Services, and WCF RIA Services Use Object Services to work directly with your entity objects Create persistent ignorant entities, repositories, and write unit tests Delve into model customization,

relationship management, change tracking, data concurrency, and more Get scores of reusable examples -- written in C# (with notes on Visual Basic syntax) -- that you can implement right away

Programming Microsoft Visual Basic .NET for Microsoft Access Databases - Rick Dobson
2003

Provides details on how to build or upgrade Access-based client applications with Visual Basic .NET, including code samples, tips on using XML Web services, and techniques for data types, loops, and file processing.

Beginning ASP.NET 4 - Imar Spaanjaars
2010-07-23

The definitive programming guide to ASP.NET, by popular author and Microsoft MVP Imar Spaanjaars Updated for ASP.NET 4, this introductory book retains its helpful examples and step-by-step format from the previous version and keeps the style of offering code examples written in both C# and Visual Basic.

Beloved author and Microsoft ASP.NET MVP walks you through ASP.NET, Microsoft's technology for building dynamically generated Web pages from database content. You'll discover many improvements that ASP.NET 4 offers over the previous version, such as the ASP.NET MVC framework, Ajax improvements, jQuery support, and more. You'll gradually build a Web site example that takes you through the processes of building basic ASP.NET Web pages, adding features with pre-built server controls, designing consistent pages, displaying data, and more. Popular author and Microsoft ASP.NET MVP Imar Spaanjaars updates you on the latest updates to ASP.NET 4, Microsoft's technology for building dynamic Web pages from database content Shows you how the 4 version differs from ASP.NET 3.5 and reviews its new features, including the ASP.NET MVC framework, various Ajax improvements, jQuery support, and more Spaanjaars's distinct writing style puts you at ease with learning ASP.NET 4.

.NET Framework Essentials - Thuan Thai 2003

This concise guide for experienced programmers and software architects is a complete no-nonsense overview of key elements and programming languages central to all .NET application development

MICROSOFT ADO.NET ENTITY

FRAMEWORK STEP BY STEP. - JOHN PAUL MULLER 2016

Programming ASP.NET - Jesse Liberty
2005-10-26

O'Reilly has once again updated its bestselling tutorial on ASP.NET, the world's leading web development tool from Microsoft. In *Programming ASP.NET, Third Edition*, authors Jesse Liberty and Dan Hurwitz give you the lowdown on the technology's latest version, ASP.NET 2.0, as well as Visual Studio 2005. Among the most significant improvements to ASP.NET 2.0 are new server controls and services that make you dramatically more

productive. In fact, when compared to its predecessor, ASP.NET 2.0 reduces the amount of code you have to write by about 75%. Creating interactive web applications has never been easier-but that still doesn't mean it's hassle-free! The difficulty in ASP.NET 2.0 is that it's so complete and flexible that there are many pieces that must be woven together to build a robust, scalable, and efficient application. Fortunately, *Programming ASP.NET, Third Edition* is on the case, dispensing all the information you need to be effective with this dynamic tool. For starters, the book features a comprehensive tutorial on Web Forms, the user interface that gives web applications their look and feel. It then offers detailed explanations of all new controls, including web server controls, HTML controls, and custom controls. Used properly, these controls are able to take care of nearly all the foundation work-security, data access, layout, etc.-that you would normally have to write yourself. Free of these burdensome

tasks, you can instead focus on your specific application. Other new material found in this updated edition even shows you how to create ASP.NET 2.0 pages for mobile devices. With *Programming ASP.NET, Third Edition* at your side, there's virtually no end to the programming possibilities.

[Microsoft ADO.NET Step by Step](#) - Rebecca Riordan 2002

ADO.NET—the data-access component of the Microsoft .NET Framework—works with any component on any platform that understands XML. Get a solid handle on ADO.NET and learn how to exploit the database functionality of Microsoft Visual Basic® .NET and Microsoft Visual C#™ .NET with this step-by-step primer. You'll be working in ADO.NET right away with easy-to-grasp examples drawn from the real-world challenges developers face every day. Learn about the ADO.NET object model and how to use it to develop data-bound Windows® Forms and Web Forms. See how ADO.NET

interacts with XML and how to access older versions of ADO from the .NET environment. Throughout, you'll find insightful tips and expert explanations for rapid acceleration of development productivity, faster applications, and more powerful results. Topics covered include: Getting started with ADO.NET Creating connections The Data command and DataReader Accessing data with the DataAdapter Working with DataSets Working with DataTables Controlling table views with DataViews Editing and updating data Data-binding in Windows Forms Data-binding in Web Forms Using the XML Designer to modify data structure Reading and writing XML with ADO.NET Using ADO from the .NET Framework CD features: * Examples of real-world solutions developed with ADO.NET, including sample code in Visual Basic .NET and Visual C# .NET 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 direct any questions or concerns to booktech@oreilly.com.

ADO.NET in a Nutshell - Bill Hamilton
2003-04-25

Written by experts on the Microsoft® .NET programming platform, *ADO.NET in a Nutshell* delivers everything .NET programmers will need to get a jump-start on ADO.NET technology or to sharpen their skills even further. In the tradition of O'Reilly's In a Nutshell Series, *ADO.NET in a Nutshell* is the most complete and concise source of ADO.NET information

available. ADO.NET is the suite of data access technologies in the .NET Framework that developers use to build applications services accessing relational data and XML. Connecting to databases is a fundamental part of most applications, whether they are web, Windows®, distributed, client/server, XML Web Services, or something entirely different. But ADO.NET is substantially different from Microsoft's previous data access technologies--including the previous version of ADO--so even experienced developers need to understand the basics of the new disconnected model before they start programming with it. Current with the .NET Framework 1.1, *ADO.NET in a Nutshell* offers one place to look when you need help with anything related to this essential technology, including a reference to the ADO.NET namespaces and object model. In addition to being a valuable reference, this book provides a concise foundation for programming with ADO.NET and covers a variety of issues that

programmers face when developing web applications or Web Services that rely on database access. Using C#, this book presents real world, practical examples that will help you put ADO.NET to work immediately. Topics covered in the book include: An Introduction to ADO.NET Connections, Commands and DataReaders Disconnected Data Advanced DataSets Transactions DataViews and Data Binding XML and the DataSet Included with the book is a Visual Studio .NET add-in that integrates the entire reference directly into your help files. When combining ADO.NET in a Nutshell with other books from O'Reilly's .NET In a Nutshell series, you'll have a comprehensive, detailed and independent reference collection that will help you become more productive.

Entity Framework Tutorial Second Edition -

Joydip Kanjilal 2015-08-24

A comprehensive guide to the Entity Framework with insight into its latest features and

optimizations for responsive data access in your projects

About This Book

- Create Entity data models from your database and use them in your applications
- Learn about the Entity Client data provider and write statements in Entity SQL to perform CRUD operations
- Explore ADO.NET Data Services and how they work with the Entity Framework

Who This Book Is For

If you are a C# developer who wants to learn a new way of querying data and utilizing it in applications efficiently for data binding or other operations, then this book is for you. Basic knowledge of ADO.NET is assumed.

What You Will Learn

- Explore the features of the ADO.NET Entity Framework
- Understand the concepts of entities and their relationships
- Create an Entity Data Model using the ADO.NET Entity Data Model Designer and the EdmGen tool
- Extend existing Entity Types to create your own Entity Types
- Write programs against the Entity Data Model to perform CRUD operations
- Discover ADO.NET Data Services and learn how they can be used

with the Entity Framework • Familiarize yourself with WCF Data Services (formerly ADO.NET Data Services) • Apply Code First, Model First and Database First approaches In Detail The ADO.NET Entity Framework from Microsoft is a new ADO.NET development framework that provides a level of abstraction for data access strategies and solves the impedance mismatch issues that exist between different data models. This book explores Microsoft's Entity Framework and explains how it can be used to build enterprise level applications. It will also teach you how you can work with RESTful Services and Google's Protocol Buffers with Entity Framework and WCF. You will explore how to use Entity Framework with ASP.NET Web API and also how to consume the data exposed by Entity Framework from client applications of varying types, i.e., ASP.NET MVC, WPF and Silverlight. You will familiarize yourself with the new features and improvements introduced in Entity Framework including enhanced POCO

support, template-based code generation, tooling consolidation and connection resiliency. By the end of the book, you will be able to successfully extend the new functionalities of Entity framework into your project. Style and approach This book is a step-by-step tutorial providing hands-on code examples with detailed explanations. The book aims to explain the concepts of the Entity Framework and illustrate how you can use these in applications with a tutorial based approach.

Programming Microsoft ADO.NET 2.0

Applications - Glenn Johnson 2006

Dive in for reference where you need it—and learn the intricacies of developing sleeker, more robust, security-enhanced applications in ADO.NET 2.0. Featuring code samples in Microsoft Visual C# and Visual Basic, this reference goes beyond the fundamentals to help professional developers solve sophisticated enterprise development problems. Discover how to: Examine advanced connectivity options and

best practices—including connection pooling, clustered connections, and asynchronous access
Use tracing to diagnose application flow and performance issues
Resolve concurrency conflicts and implement a data access layer
Implement seamless application failover from one Microsoft SQL Server database to another
Use managed code and the SQLCLR to create stored procedures, user-defined functions and types, aggregates, and triggers
Write effective data-caching code to improve application performance
Use the Systems.Transactions namespace to work with Microsoft SQL Server
2005 Implement streaming techniques to “chunk” data
Apply various methods to extract and modify XML data
PLUS—Get code samples on the Web

Pro ADO.NET with VB .NET 1.1 - Kevin Hoffman 2007-03-01

*First edition was popular with programmers; received excellent reviews. *Fully-updated for ADO 1.1 and latest ADO.NET release; additional

material on latest updates includes Oracle Provider. *Practical examples relevant to the problems that programmers face in their daily work.

Microsoft ADO.NET - David Sceppa 2002
For every developer who's uttered, "I wish I knew that before I started writing all this code!" this guide demonstrates how to save time, write less code, and build more powerful, data-driver solutions using Microsoft ActiveX Data Objects. CD contains code samples in VB, along with examples in Visual C++, and Visual J++.

Database Programming with Visual Basic .NET and ADO. NET - F. Scott Barker 2003

The purpose of this book is to give established and new VB developers direction in how to get started developing database applications with VB .NET. Developers will be shown numerous code examples that will illustrate how to program database driven applications within the .NET Framework. Important topics covered include: Visual Studio development environment,

ASP.NET applications, Windows Forms application, using VB.NET with ADO.NET, complex queries, security, COM interop., and application deployment.

ADO.NET in a Nutshell - Bill Hamilton 2003

Written by experts on the Microsoft(R) .NET programming platform, ADO.NET in a Nutshell delivers everything .NET programmers will need to get a jump-start on ADO.NET technology or to sharpen their skills even further. In the tradition of O'Reilly's In a Nutshell Series, ADO.NET in a Nutshell is the most complete and concise source of ADO.NET information available. ADO.NET is the suite of data access technologies in the .NET Framework that developers use to build applications services accessing relational data and XML. Connecting to databases is a fundamental part of most applications, whether they are web, Windows(R), distributed, client/server, XML Web Services, or something entirely different. But ADO.NET is substantially different from Microsoft's previous

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Binding XML and the DataSet Included with the book is a Visual Studio .NET add-in that integrates the entire reference directly into your help files. When combining ADO.NET in a Nutshell with other books from O'Reilly's .NET In a Nutshell series, you'll have a comprehensive, detailed and independent reference collection that will help you become more productive.

[ADO.NET and ADO Examples and Best Practices for VB Programmers](#) - William Vaughn

2008-01-01

ADO.NET and ADO Examples and Best Practices for VB Programmers, Second Edition brings the popular first edition up to date with fresh insights and tips on COM-based ADO and adds a voluminous section on the new ADO.NET technology. Written specifically for COM-based ADO developers retooling for ADO.NET, this is a developer's book, packed with practical advice on how to make code run faster, yet be easier to write and understand. Veteran author William

Vaughn guides you through the data access maze with working examples and numerous discussions of what works and what doesn't. Derived from years of experience working with data access developers, Vaughn's Best Practices are a set of techniques proven to drastically reduce overhead, problems, and confusion—for the developer, the system, and the entire team. While some are quite simple to implement, others require considerable knowledge and forethought to enable.

Programming Microsoft ADO.NET 2.0 Core Reference - David Sceppa 2006

Presents step-by-step instructions on the fundamentals of Microsoft ADO.NET 2.0.

ADO.NET 3.5 Cookbook - Bill Hamilton
2008-03-28

Rather than theory, this text provides easy-to-find coding solutions to real problems, offering clear explanations of how and why the code works, potential pitfalls, and sources of additional information.

A First Look at ADO.NET and System.Xml v. 2.0 - Alex Homer 2003

Version 2.0 of the .NET Framework will offer powerful enhancements to ADO.NET that will give application and service developers unprecedented control over their data. In *A First Look at ADO.NET and System.Xml v. 2.0*, Microsoft's lead program manager on XML technologies joins with two leading .NET and XML experts to present a comprehensive preview of tomorrow's ADO.NET and System.Xml classes. Drawing on the first .NET Framework 2.0 Technology Preview Release, the authors introduce powerful new techniques for simplifying development, enhancing flexibility, and leveraging .NET's new support for emerging XML standards. They also preview important new synergies between .NET Framework 2.0, XML, and the next version of SQL Server (code-named Yukon). This book's detailed coverage includes: Clear explanations of Microsoft's data-access intentions and directions--so you'll be

ready when .NET 2.0 arrives A brief overview of ObjectSpaces--the exciting new technology for using objects that represent and hold their own data Major improvements in bulk loading, batch execution, and paging Support for truly asynchronous connection and command operations In-process server-side cursors for programmat

Microsoft .NET Framework Web Developer Core Requirements - Tony Northrup 2007

Ace your preparation for the skills measured by three required MCPD: Web Developer exams—and on the job. Work at your own pace through a series of lessons and reviews that fully cover each exam objective. Then, reinforce what you've learned by applying your knowledge to real-world case scenarios and labs. PRACTICE TESTS Assess your skills with practice tests on CD. You can work through hundreds of questions using multiple testing modes to meet your specific learning needs. You get detailed explanations for right and wrong

answers—including a customized learning path that describes how and where to focus your studies. Maximize your exam performance with preparation for: EXAM 70-536 Microsoft .NET Framework 2.0—Application Development Foundation Use types, collections, generics, and regular expressions to manage data Develop services, application domains, and multithreaded applications Implement code access and role-based security, and data encryption Work with serialization and reflection techniques Instrument applications with logging and tracing Interact with legacy code using COM Interop and PInvoke EXAM 70-528 Microsoft .NET Framework 2.0 Web-Based Client Development Create, trace, configure, and deploy Web applications Integrate data into your application using Microsoft ADO.NET, XML, and data-bound controls Implement forms authentication, impersonation, and login controls Configure user controls and create custom Web controls Use themes, user profiles, and Web parts for

customizable, personalized Web sites Manage server-side and client-side application state EXAM 70-547 Designing and Developing Web-Based Applications Using the Microsoft .NET Framework Evaluate Web application requirements and build a validation prototype Use style sheets, master pages, Web parts, and user controls for a consistent UI Design, develop, and implement application components Develop mechanisms for data access, exception handling, event logging, and application feedback Define, assess, and implement a testing strategy Validate a deployment plan and analyze performance to determine readiness Your all-in-one kit includes: Official self-paced study guides for three required exams. Practice tests with multiple, customizable testing options and a learning plan based on your results. 1200+ practice and review questions. Case scenarios and lab exercises. Microsoft Visual Basic and Visual C# code samples on CD. 15% exam discount from Microsoft; good for three

exams. (Limited time offer). Voucher inside. 90-day evaluation version of Microsoft Visual Studio 2005 Professional Edition. Fully searchable eBooks for all three guides.

ADO.NET Programming - Arlen Feldman
2002-07-01

In building client-server or three-tier applications, desktop-rich clients, or Web applications, at some point the application will likely need to be able to access a database. ADO.NET is the technology within Microsoft's new .NET architecture for database access. This practical guide to ADO.NET begins with the basics and covers all of the pieces of ADO.NET. In addition to providing information on how to accomplish different tasks, it also explains the appropriate approaches for different types of applications. Some of these topics include basic database access using SQL Server or OLE DB data providers, using the DataSet, accessing data using XML, remoting, and database schema information.

Accessing Data with Microsoft® . Net Framework 4 - Glenn Johnson 2011

EXAM PREP GUIDE Ace your preparation for the skills measured by MCTS Exam 70-516 - and on the job - with this official Microsoft study guide. Work at your own pace through a series of lessons and reviews that fully cover each exam objective. Then, reinforce and apply what you've learned through real-world case scenarios and practice exercises.

Microsoft ADO.NET 2.0 Step by Step - Rebecca Riordan 2006

Presents step-by-step instructions on the fundamentals of Microsoft ADO.NET 2.0.

ADO.NET 3.5 Cookbook - Bill Hamilton
2008-03-28

This guide is strikingly different from other books on Microsoft ADO.NET. Rather than load you down with theory, the new edition of ADO.NET 3.5 Cookbook gives you more than 200 coding solutions and best practices for real problems you're likely to face with this

technology using Visual Studio 2008 and the .NET 3.5 platform. Organized to help you find the topic and specific recipe you need quickly and easily, this book is more than just a handy compilation of cut-and-paste C# code. ADO.NET 3.5 Cookbook also offers clear explanations of how and why each code solution works, and warns you of potential pitfalls so you can learn to adapt the book's problem-solving techniques to different situations. This collection of timesaving recipes covers vital topics including: Connecting to data Retrieving and managing data Transforming and analyzing data Modifying data Binding data to .NET user interfaces Optimizing .NET data access Enumerating and maintaining database objects Maintaining database integrity Ideal for ADO.NET programmers at all levels, from the relatively inexperienced to the most sophisticated, this new edition covers the significant 3.5 upgrade, including new programming tools such as LINQ. ADO.NET 3.5 Cookbook offers a painless way for

those of you who prefer to learn by doing when it comes to expanding your skills and productivity.

Essential ADO.NET - Bob Beauchemin 2002 Explores topics including how to use ADO.NET to access relational data stores, using the DataSet class for in-memory data representation, and mapping database information using ASP.NET WebForm.

Pro ADO.NET Data Services - John Shaw 2009-01-29

Pro ADO.NET Data Services: Working with RESTful Data is aimed at developers interested in taking advantage of the REST-style data services that ADO.NET Data Services (formerly code-named Astoria) provides. The book shows how to incorporate ADO.NET Data Services into a wide range of common environments, including BizTalk, Ajax and Silverlight client applications. The material is intended for professional developers who are comfortable with the .NET 3.5 Framework but are coming to

ADO.NET Data Services for the first time and want to understand how to integrate it into their own applications and enterprise solutions. The book is packed full with extensive real-world solutions and exercises, ensuring you walk away with a deep understanding of how to use ADO.NET Data Services to your best advantage.

Microsoft ADO.NET Entity Framework Step

by Step - John Paul Mueller 2013-08-15

Your hands-on guide to Entity Framework fundamentals Expand your expertise—and teach yourself the fundamentals of the Microsoft ADO.NET Entity Framework 5. If you have

previous programming experience but are new to the Entity Framework, this tutorial delivers the step-by-step guidance and coding exercises you need to master core topics and techniques. Discover how to: Access data in a managed way—using minimal code Apply three workflows supported by the Entity Framework Perform essential tasks with full automation in place Manipulate data with both LINQ and Entity SQL Create examples that rely on Table-Valued Functions Determine the remedies for Entity-specific exceptions Explore the use of optimistic and pessimistic concurrency Define mappings between your applications and data sources