

Net Data Objects

Jeffrey Hasan,Dushan Bilbija

Pragmatic ADO.NET Shawn Wildermuth,2003 Developers need a way to interact with all data platforms in a uniform way, and Microsoft has attempted time and again to meet this need with its Universal Data Access strategy. In developing ADO.NET, Microsoft has made their additions of support for XML and disconnected data sets easier to use. This tutorial will guide the reader through ADO.NET from the top down, showing readers the hows and whys of using ADO.NET with lots of examples they can mold into their own projects right away. It is intended to be an introduction to ADO.NET for developers with some knowledge of data access. While it will show readers how ADO.NET follows on its predecessors, it will be written to avoid repeating any remedial instruction in databases and storage theory.

ADO.NET in a Nutshell Bill Hamilton,Matthew MacDonald,2003 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.

ADO ActiveX Data Objects Jason T. Roff,2001 The architecture of ADO (ActiveX Data Objects), Microsoft's newest form of database communication, is simple, concise, and efficient. This indispensable reference takes a comprehensive look at every object, collection, method, and property of ADO for developers who want to get a leg up on this technology.

Ado.NET Programming in Visual Basic .NET Steven Holzner,Bob Howell,2003 Written for developers who need to get up to speed on ADO.NET, this book covers the ADO.NET object model from start to finish, from database tools to creating data objects, from creating Web Services to developing multi-tier database applications. It also covers everything from Windows Forms classes and data binding to creating ASP.NET Web applications.

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 For customers who purchase an ebook version of this title, instructions for downloading the CD files can be found in the ebook.

ADO.NET Michael Otey,Denielle Otey,2003 A great resource for developers seeking to build databases and applications that access data in Oracle and SQL Server databases and other data sources, this handbook has comprehensive coverage that reveals all the efficiencies of the ADO.NET framework. Includes exclusive coverage with code examples in both VB.NET and C#.

ADO: ActiveX Data Objects Jason T Roff,2001-06-20 Getting data across platforms and formats is a cornerstone of present-day applications development. ADO: ActiveX Data Objects is both an introduction and a complete reference to ADO (ActiveX Data Objects), Microsoft's universal data access solution. You'll learn how to easily access data in multiple formats--such as email messages, Access databases, Word documents, and SQL databases--even on different platforms, without spending extra time learning every last detail about each format.Author Jason Roff shows by example how to use ADO with your programming language of choice to save programming time, so you can concentrate on the content and quality of your application rather than the nitty-gritty of specific data formats.ADO: ActiveX Data Objects includes: Chapters dedicated to the Connection, Recordset, Field, and Command objects and the Properties collection A complete, detailed reference listing every ADO object, method, property, and event, in convenient alphabetical order Chapters on ADO architecture, data shaping, the ADO Event Model An appendix containing enumeration tables used by ADO objects and collections, listed alphabetically Brief introductions to RDS, ADO.NET, and SQL ADO: ActiveX Data Objects is a versatile one-stop guide to both the theory and practice of programming with ADO through Version 2.6. The thorough reference section and topic-specific chapters will help you find quick answers about the details of objects, collections, methods, and properties of ADO. And the abundance of practical code examples will give you a good grasp of how to use ADO's strong points most effectively.

Database Programming with Visual Basic . NET and ADO. NET F. Scott Barker,2003 The topic combination of VB .NET and ADO.NET is unbeatable. VB .NET is the most popular language in which to code. And, every developer needs to understand ADO.NET to allow data to be accessed from a Web site. In this book Developers will be shown numerous code examples that will illustrate how to program database driven applications within the .NET Framework. The book is aimed at both established and new VB Developers. 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.

Professional ADO.NET 3.5 with LINQ and the Entity Framework Roger Jennings,2009-02-23 Language Integrated Query (LINQ), as well as the C# 3.0 and VB 9.0 language extensions to support it, is the most import single new feature of Visual Studio 2008 and the .NET Framework 3.x. LINQ is Microsoft's first attempt to define a universal query language for a diverse set of in-memory collections of generic objects, entities persisted in relational database tables, and element and attributes of XML documents or fragments, as well as a wide variety of other data types, such as RSS and Atom syndication feeds. Microsoft invested millions of dollars in Anders Hejlsberg and his C# design and development groups to add new features to C# 3.0—such as lambda expressions, anonymous types, and extension methods—specifically to support LINQ Standard Query Operators (SQOs) and query expressions as a part of the language itself. Corresponding additions to VB 9.0 followed the C# team's lead, but VB's implementation of LINQ to XML offers a remarkable new

addition to the language: XML literals. VB's LINQ to XML implementation includes XML literals, which treat well-formed XML documents or fragments as part of the VB language, rather than requiring translation of element and attribute names and values from strings to XML DOM nodes and values. This book concentrates on hands-on development of practical Windows and Web applications that demonstrate C# and VB programming techniques to bring you up to speed on LINQ technologies. The first half of the book covers LINQ Standard Query Operators (SQOs) and the concrete implementations of LINQ for querying collections that implement generic `IEnumerable`, `IQueryable`, or both interfaces. The second half is devoted to the ADO.NET Entity Framework, Entity Data Model, Entity SQL (eSQL) and LINQ to Entities. Most code examples emulate real-world data sources, such as the Northwind sample database running on SQL Server 2005 or 2008 Express Edition, and collections derived from its tables. Code examples are C# and VB Windows form or Web site/application projects not, except in the first chapter, simple command-line projects. You can't gain a feel for the behavior or performance of LINQ queries with Hello World projects that process arrays of a few integers or a few first and last names. This book is intended for experienced .NET developers using C# or VB who want to gain the maximum advantage from the query-processing capabilities of LINQ implementations in Visual Studio 2008—LINQ to Objects, LINQ to SQL, LINQ to DataSets, and LINQ to XML—as well as the object/relational mapping (O/RM) features of VS 2008 SP1's Entity Framework/Entity Data Model and LINQ to Entities and the increasing number of open-source LINQ implementations by third-party developers. Basic familiarity with generics and other language features introduced by .NET 2.0, the Visual Studio integrated development environment (IDE), and relational database management systems (RDBMSs), especially Microsoft SQL Server 200x, is assumed. Experience with SQL Server's Transact-SQL (T-SQL) query language and stored procedures will be helpful but is not required. Proficiency with VS 2005, .NET 2.0, C# 2.0, or VB 8.0 will aid your initial understanding of the book's C# 3.0 or VB 9.0 code samples but isn't a prerequisite. Microsoft's .NET code samples are primarily written in C#. All code samples in this book's chapters and sample projects have C# and VB versions unless they're written in T-SQL or JavaScript. Professional ADO.NET 3.5: LINQ and the Entity Framework concentrates on programming the `System.Linq` and `System.Linq.Expressions` namespaces for LINQ to Objects, `System.Data.Linq` for LINQ to SQL, `System.Data.Linq` for LINQ to DataSet, `System.Xml.Linq` for LINQ to XML, and `System.Data.Entity` and `System.Web.Entity` for EF's Entity SQL. Taking a New Approach to Data Access in ADO.NET 3.5, uses simple C# and VB code examples to demonstrate LINQ to Objects queries against in-memory objects and databinding with LINQ-populated generic List collections, object/relational mapping (O/RM) with LINQ to SQL, joining DataTables with LINQ to DataSets, creating EntitySets with LINQ to Entities, querying and manipulating XML InfoSets with LINQ to XML, and performing queries against strongly typed XML documents with LINQ to XSD. Understanding LINQ Architecture and Implementation, begins with the namespaces and C# and VB language extensions to support LINQ, LINQ Standard Query Operators (SQOs), expression trees and compiled queries, and a preview of domain-specific implementations. C# and VB sample projects demonstrate object, array, and collection initializers, extension methods, anonymous types, predicates, lambda expressions, and simple query expressions. Executing LINQ Query Expressions with LINQ to Objects, classifies the 50 SQOs into operator groups: Restriction, Projection, Partitioning, Join, Concatenation, Ordering, Grouping, Set, Conversion, and Equality, and then lists their keywords in C# and VB. VS 2008 SP1 includes C# and VB versions of the LINQ Project Sample Query Explorer, but the two Explorers don't use real-world collections as data sources. This describes a LINQ in-memory object generator (LIMOG) utility program that writes C# 3.0 or VB 9.0 class declarations for representative business objects that are more complex than those used by the LINQ Project Sample Query Explorers. Sample C# and VB queries with these business objects as data sources are more expressive than those using arrays of a few integers or last names. Working with Advanced Query Operators and Expressions, introduces LINQ queries against object graphs with entities that have related (associated) entities. This begins with examples of aggregate operators, explains use of the `Let` temporary local variable operator, shows you how to use `Group By` with aggregate queries, conduct the equivalent of left outer joins, and take advantage of the `Contains()` SQO to emulate SQL's `IN()` function. You learn how to compile queries for improved performance, and create mock object classes for testing without the overhead of queries against relational persistence stores. Using LINQ to SQL and the `LinqDataSource`, introduces LINQ to SQL as Microsoft's first O/RM tool to reach released products status and shows you how to autogenerate class files for entity types with the graphical O/R Designer or command-line `SqlMetal.exe`. This also explains how to edit *.dbml mapping files in the Designer or XML Editor, instantiate `DataContext` objects, and use LINQ to SQL as a Data Access Layer (DAL) with T-SQL queries or stored procedures. Closes with a tutorial for using the ASP.NET `LinqDataSource` control with Web sites or applications. Querying DataTables with LINQ to DataSets, begins with a comparison of `DataSet` and `DataContext` objects and features, followed by a description of the `DataSetExtensions`. Next comes querying untyped and typed DataSets, creating lookup lists, and generating `LinqDataViews` for databinding with the `AsDataView()` method. This ends with a tutorial that shows you how to copy LINQ query results to DataTables. Manipulating Documents with LINQ to XML, describes one of LINQ most powerful capabilities: managing XML InfoSets. This demonstrates that LINQ to XML has query and navigation capabilities that equal or surpasses XQuery 1.0 and XPath 2.0. It also shows LINQ to XML document transformation can replace XQuery and XSLT 1.0+ in the majority of common use cases. You learn how to use VB 9.0's XML literals to construct XML documents, use `GroupJoin()` to produce hierarchical documents, and work with XML namespaces in C# and VB. Exploring Third-Party and Emerging LINQ Implementations, describes Microsoft's Parallel LINQ (also called PLINQ) for taking advantage of multiple CPU cores in LINQ to Objects queries, LINQ to REST for translating LINQ queries into Representational State Transfer URLs that define requests to a Web service with the HTML GET, POST, PUT, and DELETE methods, and Bart De Smet's LINQ to Active Directory and LINQ to SharePoint third-party implementations. Raising the Level of Data Abstraction with the Entity Data Model, starts with a guided tour of the development of EDM and EF as an O/RM tool and heir apparent to ADO.NET DataSets, provides a brief description of the entity-relationship (E-R) data model and diagrams, and then delivers a detailed analysis of EF architecture. Next comes an introduction to the Entity SQL (eSQL) language, eSQL queries, client views, and Object Services, including the `ObjectContext`, `MetadataWorkspace`, and `ObjectStateManager`. Later chapters describe eSQL and these objects in greater detail. Two C# and VB sample projects expand on the eSQL query and Object Services sample code. Defining Conceptual, Mapping, and Storage Schema Layers, provides detailed insight into the structure of the *.edmx file that generates the *.ssdl (storage schema data language), *.msl (mapping schema language), and *.csdl files at runtime. You learn how to edit the *.edmx file manually to accommodate modifications that the graphic EDM Designer can't handle. You learn how to implement the Table-per-Hierarchy (TPH) inheritance model and traverse the `MetadataWorkspace` to obtain property values. Four C# and VB sample projects demonstrate mapping, substituting stored procedures for queries, and TPH inheritance. Introducing Entity SQL, examines EF's new eSQL dialect that adds keywords to address the differences between querying entities and relational tables. You learn to use Zlatko Michaelov's eBlast utility to write and analyze eSQL queries, then dig into differences between eSQL and T-SQL SELECT queries. (eSQL v1 doesn't support INSERT, UPDATE, DELETE and other SQL Data Manipulation Language constructs). You execute eSQL queries against the `EntityClient`, measure the performance hit of eSQL compared to T-SQL, execute parameterize eSQL queries, and use SQL Server Compact 3.5 as a data store. C# and VB Sample projects demonstrate the programming techniques. Taking Advantage of Object Services and LINQ to Entities, concentrates manipulating the Object Services API's `ObjectContext`. It continues with demonstrating use of partial classes for the `ModelNameEntities` and `EntityName` objects, executing eSQL `ObjectQuery`s, and deferred or eager loading of associated entities, including ordering and filtering the associated entities. Also covers instructions for composing `QueryBuilder` methods for `ObjectQuery`s, LINQ to Entities queries, and parameterizing `ObjectQuery`s. Updating Entities and Complex Types, shows you how to perform create, update, and delete (CUD) operations on `EntitySets` and manage optimistic concurrency conflicts. It starts with a detailed description of the

ObjectContext.ObjectStateManager and its child objects, which perform object identification and change tracking operations with EntityKeys. This also covers validation of create and update operations, optimizing the DataContext lifetime, performing updates with stored procedures, and working with complex types. Binding Data Controls to the ObjectContext, describes creating design-time data sources from ObjectContext.EntitySet instances, drag-and-drop addition of BindingNavigator, BindingSource, bound TextBox, and DataGridView controls to Windows forms. You also learn how to update EntityReference and EntitySet values with ComboBox columns in DataGridView controls. (You can't update EntitySet values directly; you must delete and add a new member having the required value). This concludes with a demonstration of the use of the ASP.NET EntityDataSource control bound to GridView and DropDownList controls. Using the Entity Framework As a Data Source, concentrates on using EF as a data source for the ADO.NET Data Services Framework (the former codename Project Astoria remains in common use), which is the preferred method for deploying EF v1 as a Web service provider. (EF v2 is expected to be able to support n-tier data access with Windows Communication Foundation [WCF] directly). A Windows form example uses Astoria's .NET 3.5 Client Library to display and update entity instances with the Atom Publication (AtomPub or APP) wire format. The Web form project uses the AJAX Client Library and JavaScript Object Notation (JSON) as the wire format.

ADO.NET Heather Wright,2002-08-27 The author shows developers with little or no ADO.NET background how to apply ADO.NET fast to real world scenarios by giving examples and code that really works.

Beginning ASP.NET 2.0 and Databases John Kauffman,Bradley Millington,2009-08-28 Combining both VB.Net and C# coverage in one book, this guide focuses on using ASP.NET 2.0 for solving business dynamic Web site challenges in a logical progression, from connecting to a database to displaying information to changing data Covers the fundamentals of connecting Web pages to databases, techniques for creating data objects and events, and ways to handle data errors Features tricks and traps for displaying data in grids, lists, and trees Goes beyond the usual basic techniques to discuss the best practices and pitfalls that can occur in real-world scenarios with SQL Server, Oracle, MySQL, Access, and the new SQL Server Express Edition

Professional ASP.NET 2.0 Databases Thiru Thangarathinam,2007-02-26 Now you can uncover the secrets behind accessing and retrieving data from a wide range of data sources such as SQL Server and XML sources. This book walks you through the array of ADO.NET 2.0 features and clearly shows you how they can be used to develop database-driven web applications in ASP.NET. You'll first gain an in-depth understanding of the data source controls that enable data binding in the ASP.NET platform. Next you'll uncover the advanced features of ASP.NET, including site navigation, implementing sorting and paging, and editing data in templates. You'll then focus on designing transactions in ADO.NET 2.0, displaying data, and utilizing SQL Server 2005 XML. Throughout the chapters, you'll find examples and source code (with ASP.NET examples written in C#) that you can integrate into your applications. This will enable you to leverage ADO.NET and ASP.NET features so you can easily create a scalable N-Tier web site. Some of the topics covered include: ASP.NET 2.0 Data Controls Data Binding with the SqlDataSource Control, XML Data, and Objects Selecting, Updating, Deleting Records Programmatically Creating and Adding Controls XSL Transformations with XmlDataSource Control Using Generics with the ObjectDataSource Control ASP.NET 2.0 Site Navigation including Implementing Breadcrumbs and Binding to Other Controls Displaying and Editing Data Using Templates GridView Sorting and Paging Advanced Data Source and Data-Bound Controls including Master/Detail Display, Displaying Images from a Database, and Using Themes with Data Bound Controls Transactions in .NET and Interoperability between System.Transactions and System.EnterpriseServices Advanced ADO.NET for ASP.NET Data Display including DataSet Object, ADO.NET 2.0 DataTable, and Provider-Independent Data Access Code Accessing Data from SQL Server 2005 including CLR in SQL Server 2005, New XML Features in SQL Server 2005, and Working with XML Data-Typed Columns from ADO.NET N-Tier Architecture with ASP.NET 2.0 and SQL Server 2005 Best Practices for Creating ASP.NET Web Sites including Implementation of CLR Stored Procedures and Implementation of Layers

Programming ASP.NET 3.5 Jesse Liberty,Dan Maharry,Dan Hurwitz,2008-10-23 With Programming ASP.NET 3.5, you'll quickly learn to create state-of-the-art applications using Microsoft's popular web development technology and Visual Studio 2008. This updated bestseller provides comprehensive and easy-to-understand information to help you use several .NET 3.5 technologies for faster development and better web application performance-including ASP.NET AJAX for interactive user interfaces, LINQ for data access, and Windows Communication Foundation (WCF) for web services. Programming ASP.NET 3.5 includes examples and sample code that let you explore development with ASP.NET in more depth. With this book, you will: Learn about AJAX and ASP.NET server controls included with Visual Studio 2008 Discover how to use the DataSource and data-bound controls in ADO.NET Use the new LINQ API and learn how to make use of it within ASP.NET pages Create a uniform look and feel throughout your application with Master Pages Use navigation controls to build site maps, menus, and breadcrumbs quickly and easily Build and use various web services with WCF Detect errors during development and handle them in your production code Learn how to configure and deploy your website Written by Microsoft technology experts Jesse Liberty, Dan Hurwitz, and Dan Maharry, Programming ASP.NET 3.5 is the best book for learning how to build dynamic, interactive web applications using Microsoft's latest technologies.

ADO and ADO.NET Programming Mike Gunderloy,2006-02-20 ADO, or ActiveX Data Objects, is Microsoft's key technology for data access in client/server and Web applications. This book covers both ADO and ADO.NET in one volume, allowing a programmer to select the appropriate technology for their database application. The material is good for not only VB.NET and C# programmers but also those using VBA, Access, and older versions of the Microsoft programming tools. It includes numerous examples showing various combinations of servers and clients, including SQL Server, Jet, and Oracle on the server side, and VB, Access, ASP.NET, and VB.NET on the client side. The book also covers more advanced topics, such as disconnected recordsets, XML integration, schema modification, and multidimensional aggregation. The companion CD-ROM includes all the sample code and applications from the book, plus a collection of third-party ADO utilities. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

Beginning Entity Framework Core 2.0 Derek J. Rouleau,2018-03-02 Use the valuable Entity Framework Core 2.0 tool in ASP.NET and the .NET Framework to eliminate the tedium around accessing databases and the data they contain. Entity Framework Core 2.0 greatly simplifies access to relational databases such as SQL Server that are commonly deployed in corporate settings. By eliminating tedious data access code that developers are otherwise forced to use, Entity Framework Core 2.0 enables you to work directly with the data in a database through domain-specific objects and methods. Beginning Entity Framework Core 2.0 is a carefully designed tutorial. Throughout the book you will encounter examples that you can use in your day-to-day coding, and you will build a solid foundation on which to create database-backed applications. If you are looking for a way to get started without getting buried under details you are only going to forget, then this is the book for you. The author aims to leave you comfortably able to connect to, access, modify, and delete data from a relational database. The book provides a clear, straightforward approach and includes code that you can look back at months later and understand. What You'll Learn Study easy-to-follow, real-world examples you can use every day Focus on DbContext and the Database First approach Understand how to work with single and multiple tables Use the LINQ query language to manipulate data Who This Book Is For C# and ASP.NET programmers looking for an easier way of accessing data in a relational database than writing in SQL—a way that meshes better into object-oriented application development

ADO.NET PROG, Jeffrey Hasan,Dushan Bilbija,2001-10-02 ADO.NET is Microsoft's latest data access technology, and, as an integral component of the .NET framework, is far more than simply an upgrade of an existing technology. ADO.NET is a large set of .NET classes that enable us to interact with data sources, manipulate data, and communicate with other applications and Web Services in entirely new ways. This book provides a wealth of information about the ADO.NET. We describe the features and how to use them, as well as

providing advice and explanation that will enable you to use ADO.NET effectively. The code examples are concise, and demonstrate how to use a specific techniques rather than how to build entire applications.

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

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++.

Beginning ASP.NET 2.0 Databases John Kauffman,Thiru Thangarathinam,2005-03-18 With help from Microsoft ASP.NET insider Millington, Kaufman covers both VB.NET and C# coding for ASP.NET databases so readers don't have to decide up front which language they want more, and retailers no longer have to manage inventory on separate language versions. This edition is completely written from scratch on the ASP.NET Whidbey Beta to ensure the coverage is most appropriate for this greatly changed version.

Programming ADO.NET Richard Hundhausen,Steven Borg,2002-09-18 A powerful tool for delivering data-driven content across the Web, ADO.NET is the new set of data access services for Microsoft's .NET Framework. Because of its many new features, experienced and new programmers alike need to learn ADO.NET from the ground up. Provides detailed coverage of the objects that form the ADO.NET infrastructure Explores the relationship between ADO.NET, ASP.NET, XML, and server-side tools such as SQL Server 2000 and BizTalk Server Features Best Practices sections that cover how to retrieve, manipulate, and update data with ADO.NET Companion Web site contains code examples in VB.NET and C#

The Engaging Realm of Kindle Books: A Thorough Guide Unveiling the Pros of E-book Books: A World of Ease and Versatility Kindle books, with their inherent portability and ease of availability, have liberated readers from the limitations of physical books. Gone are the days of carrying bulky novels or meticulously searching for specific titles in shops. E-book devices, sleek and lightweight, effortlessly store an extensive library of books, allowing readers to immerse in their favorite reads anytime, everywhere. Whether traveling on a bustling train, relaxing on a sun-kissed beach, or simply cozying up in bed, E-book books provide an exceptional level of convenience. A Reading Universe Unfolded: Discovering the Vast Array of E-book Net Data Objects Net Data Objects The E-book Shop, a digital treasure trove of bookish gems, boasts an wide collection of books spanning varied genres, catering to every readers preference and preference. From captivating fiction and thought-provoking non-fiction to classic classics and contemporary bestsellers, the Kindle Shop offers an exceptional abundance of titles to discover. Whether seeking escape through engrossing tales of imagination and exploration, diving into the depths of historical narratives, or broadening ones understanding with insightful works of scientific and philosophical, the Kindle Store provides a doorway to a bookish world brimming with endless possibilities. A Transformative Force in the Literary Scene: The Persistent Impact of Kindle Books Net Data Objects The advent of E-book books has unquestionably reshaped the bookish landscape, introducing a model shift in the way books are released, distributed, and read. Traditional publication houses have embraced the digital revolution, adapting their approaches to accommodate the growing need for e-books. This has led to a rise in the availability of E-book titles, ensuring that readers have access to a vast array of bookish works at their fingertips. Moreover, Kindle books have democratized entry to literature, breaking down geographical barriers and providing readers worldwide with similar opportunities to engage with the written word. Irrespective of their location or socioeconomic background, individuals can now immerse themselves in the captivating world of literature, fostering a global community of readers. Conclusion: Embracing the E-book Experience Net Data Objects Kindle books Net Data Objects, with their inherent convenience, flexibility, and wide array of titles, have certainly transformed the way we experience literature. They offer readers the freedom to discover the boundless realm of written expression, anytime, everywhere. As we continue to travel the ever-evolving online landscape, Kindle books stand as testament to the enduring power of storytelling, ensuring that the joy of reading remains accessible to all.

Table of Contents Net Data Objects

1. Understanding the eBook Net Data Objects <ul style="list-style-type: none">◦ The Rise of Digital Reading Net Data Objects◦ Advantages of eBooks Over Traditional Books	7. Enhancing Your Reading Experience <ul style="list-style-type: none">◦ Adjustable Fonts and Text Sizes of Net Data Objects◦ Highlighting and Note-Taking Net Data Objects◦ Interactive Elements Net Data Objects
2. Identifying Net Data Objects <ul style="list-style-type: none">◦ Exploring Different Genres◦ Considering Fiction vs. Non-Fiction◦ Determining Your Reading Goals	8. Staying Engaged with Net Data Objects <ul style="list-style-type: none">◦ Joining Online Reading Communities◦ Participating in Virtual Book Clubs◦ Following Authors and Publishers Net Data Objects
3. Choosing the Right eBook Platform <ul style="list-style-type: none">◦ Popular eBook Platforms◦ Features to Look for in an Net Data Objects◦ User-Friendly Interface	9. Balancing eBooks and Physical Books Net Data Objects <ul style="list-style-type: none">◦ Benefits of a Digital Library◦ Creating a Diverse Reading Collection Net Data Objects
4. Exploring eBook Recommendations from Net Data Objects <ul style="list-style-type: none">◦ Personalized Recommendations◦ Net Data Objects User Reviews and Ratings◦ Net Data Objects and Bestseller Lists	10. Overcoming Reading Challenges <ul style="list-style-type: none">◦ Dealing with Digital Eye Strain◦ Minimizing Distractions◦ Managing Screen Time
5. Accessing Net Data Objects Free and Paid eBooks <ul style="list-style-type: none">◦ Net Data Objects Public Domain eBooks◦ Net Data Objects eBook Subscription Services◦ Net Data Objects Budget-Friendly Options	11. Cultivating a Reading Routine Net Data Objects <ul style="list-style-type: none">◦ Setting Reading Goals Net Data Objects◦ Carving Out Dedicated Reading Time
6. Navigating Net Data Objects eBook Formats <ul style="list-style-type: none">◦ ePub, PDF, MOBI, and More◦ Net Data Objects Compatibility with Devices◦ Net Data Objects Enhanced eBook Features	12. Sourcing Reliable Information of Net Data Objects <ul style="list-style-type: none">◦ Fact-Checking eBook Content of Net Data Objects◦ Distinguishing Credible Sources
	13. Promoting Lifelong Learning <ul style="list-style-type: none">◦ Utilizing eBooks for Skill Development◦ Exploring Educational eBooks
	14. Embracing eBook Trends <ul style="list-style-type: none">◦ Integration of Multimedia Elements

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Net Data Objects Introduction

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