
Professional ADO.NET 3.5 With LINQ And The Entity Framework

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SCHULTZ CANTU

Professional ADO.NET 3.5 with LINQ and the Entity Framework Apress

This book is written for SQL Server 2008. However, it does maintain roots going back a few versions and looks out for backward compatibility issues with SQL Server 2005 and SQL Server 2000. These versions are old enough that there is little to no time spent on them except in passing. The book is oriented around developing on SQL server. Most of the concepts are agnostic to what client language you use although the examples that leverage a client language general do so in C#. For those who are migrating from early versions of SQL Server, some "gotchas" that exist any time a product has versions are discussed to the extent that they seem to be a genuinely relevant issue. This book assumes that you have some experience with SQL Server and are at an intermediate to

advanced level. The orientation of the book is highly developer focused. While there is a quick reference-oriented appendix, there is very little coverage given to beginner level topics. It is assumed that you already have experience with data manipulation language (DML) statements and know the basics of the mainstream SQL Server objects (views, stored procedures, user defined functions, etc.). If you would like to brush up on your knowledge before diving into this book, the author recommends reading *Beginning SQL Server 2008 Programming* first. There is very little overlap between the *Beginning* and *Professional* books and they are designed to work as a pair. John Wiley & Sons

Twitter is rapidly moving up the social networking food chain and is currently outranked by only Facebook and MySpace. It features a programming API that allows you to build Web sites and applications (both desktop and mobile) for reading and posting to Twitter,

finding other Twitter users, aggregating Twitter content, and other uses. This book walks you through the process of combining many programming tools in order to build exciting, useful, and profitable applications. You'll begin with a look at RESTful services and examine how to structure your queries, handle asynchronous operations, use headers, and post binary data. From there, author and TweetSharp developer Daniel Crenna explains how to authenticate with the OAuth specification for Web and Windows applications. Twitter is growing in popularity at a rapid pace and this book shows you how to take advantage of its programming API to build applications. Explains the various ways to design a Twitter application, including caching, third party application interoperability, real-time data binding, push vs. pull data scenarios, and more. Takes an in-depth look at TweetSharp, a .NET library for developing Twitter applications-whose creator is also the author of this book. Walks you through requesting and retrieving responses from Twitter's API. Warns you of considerations to take into account regarding authentication and security. Professional Twitter Development shows you how to get the most out of Twitter so that you can build your own applications for this exciting new platform.

With Examples in .NET 3.5 John Wiley & Sons

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.

Professional Office Business

Application Development John Wiley & Sons

What is this book about? This comprehensive compendium provides a broad and thorough investigation of all aspects of programming with ASP.NET. Entirely revised and updated for the 1.0 Release of .NET, this book will give you the information you need to master ASP.NET and build dynamic, successful,

enterprise Web applications. What does this book cover? Here are just a few of the topics covered in this book: What ASP.NET is, and how it makes building applications even easier How easy it is to work with ASP.NET pages and server-side controls Accessing data of all kinds in your ASP.NET pages An introduction to ADO.NET Getting started with ASP.NET and the .NET Framework Creating ASP.NET pages, working with server controls, and data management Developing, securing, and configuring web applications Exploring Base class libraries, components, and extensibility Working with Web Services and ASP.NET in the mobile arena Debugging, performance, migration, and interoperability Integrating this knowledge in real world development contexts Who is this book for? This book is aimed at experienced ASP developers working at the leading edge — rather than the casual ASP developer or beginner. We do not cover the basics of COM, ASP, or the .NET programming languages. This book is also ideal for Visual Basic developers who want to move into Web application design. What do you need to use this book? Here's what you need to know in order to use this book: A solid understanding of ASP Familiarity with VB or C-based syntax (C++, Java(TM), or C#) A desire to develop sophisticated ASP.NET applications using the .NET Framework A desire for a comprehensive and in-depth guide to this exciting new technology

ASP.NET AJAX Programmer's Reference Step by Step Developer

This book was written to introduce you to the features and capabilities that ASP.NET 4 offers, as well as to give you an explanation of the foundation that ASP.NET provides. We assume you have a general understanding of Web

technologies, such as previous versions of ASP.NET, Active Server Pages 2.0/3.0, or JavaServer Pages. If you understand the basics of Web programming, you should not have much trouble following along with this book's content. If you are brand new to ASP.NET, be sure to check out *Beginning ASP.NET 4: In C# and VB* by Imar Spaanjaars (Wiley Publishing, Inc., 2010) to help you understand the basics. In addition to working with Web technologies, we also assume that you understand basic programming constructs, such as variables, For Each loops, and object-oriented programming. You may also be wondering whether this book is for the Visual Basic developer or the C# developer. We are happy to say that it is for both! When the code differs substantially, this book provides examples in both VB and C#. This book explores the 4 release of ASP.NET. It covers each major new feature included in ASP.NET 4 in detail. The following list tells you something about the content of each chapter. Chapter 1, "Application and Page Frameworks." The first chapter covers the frameworks of ASP.NET applications as well as the structure and frameworks provided for single ASP.NET pages. This chapter shows you how to build ASP.NET applications using IIS or the built-in Web server that comes with Visual Studio 2010. This chapter also shows you the folders and files that are part of ASP.NET. It discusses ways to compile code and shows you how to perform cross-page posting. This chapter ends by showing you easy ways to deal with your classes from within Visual Studio 2010. Chapters 2, 3, and 4. These three chapters are grouped together because they all deal with server controls. This batch of chapters starts by examining the idea of the server control and its pivotal role in ASP.NET

development. In addition to looking at the server control framework, these chapters delve into the plethora of server controls that are at your disposal for ASP.NET development projects. Chapter 2, "ASP.NET Server Controls and Client-Side Scripts," looks at the basics of working with server controls. Chapter 3, "ASP.NET Web Server Controls," covers the controls that have been part of the ASP.NET technology since its initial release and the controls that have been added in each of the ASP.NET releases. Chapter 4, "Validation Server Controls," describes a special group of server controls: those for validation. Chapter 5, "Working with Master Pages." Master pages provide a means of creating templated pages that enable you to work with the entire application, as opposed to single pages. This chapter examines the creation of these templates and how to apply them to your content pages throughout an ASP.NET application. Chapter 6, "Themes and Skins." The Cascading Style Sheet files you are allowed to use in ASP.NET 1.0/1.1 are simply not adequate in many regards, especially in the area of server controls. This chapter looks at how to deal with the styles that your applications require and shows you how to create a centrally managed look-and-feel for all the pages of your application by using themes and the skin files that are part of a theme. Chapter 7, "Data Binding." One of the more important tasks of ASP.NET is presenting data, and this chapter looks at the underlying capabilities that enable you to work with the data programmatically before issuing the data to a control. Chapter 8, "Data Management with ADO.NET." This chapter presents the ADO.NET data model provided by ASP.NET, which allows you to handle the retrieval,

updating, and deleting of data quickly and logically. Chapter 9, "Querying with LINQ." The .NET Framework 4 includes a nice access model language called LINQ. LINQ is a set of extensions to the .NET Framework that encompass language-integrated query, set, and transform operations. This chapter introduces you to LINQ and how to effectively use this feature in your Web applications today. Chapter 10, "Working with XML and LINQ to XML." The .NET Framework and ASP.NET 4 have many capabilities built into their frameworks that enable you to easily extract, create, manipulate, and store XML. This chapter takes a close look at the XML technologies built into ASP.NET and the underlying .NET Framework. Chapter 11, "Introduction to the Provider Model." The provider model is built into ASP.NET to make the lives of developers so much easier and more productive than ever before. This chapter gives an overview of this provider model and how it is used throughout ASP.NET 4. Chapter 12, "Extending the Provider Model." After an introduction of the provider model, this chapter looks at some of the ways to extend the provider model found in ASP.NET 4. This chapter also reviews a couple of sample extensions to the provider model. Chapter 13, "Site Navigation." Most developers do not simply develop single pages—they build applications. One of the application capabilities provided by ASP.NET 4 is the site navigation system covered in this chapter. Chapter 14, "Personalization." Developers are always looking for ways to store information pertinent to the end user. After it is stored, this personalization data has to be persisted for future visits or for grabbing other pages within the same application. The ASP.NET team developed a way to store

this information—the ASP.NET personalization system. The great thing about this system is that you configure the entire behavior of the system from the web.config file. Chapter 15, “Membership and Role Management.” This chapter covers the membership and role management system developed to simplify adding authentication and authorization to your ASP.NET applications. This chapter focuses on using the web.config file for controlling how these systems are applied, as well as on the server controls that work with the underlying systems. Chapter 16, “Portal Frameworks and Web Parts.” This chapter explains Web Parts—a way of encapsulating pages into smaller and more manageable objects. Chapter 17, “HTML and CSS Design with ASP.NET.” Visual Studio 2010 places a lot of focus on building a CSS-based Web. This chapter takes a close look at how you can effectively work with HTML and CSS design for your ASP.NET applications. Chapter 18, “ASP.NET AJAX.” AJAX is an acronym for Asynchronous JavaScript and XML. In Web application development, it signifies the capability to build applications that make use of the XMLHttpRequest object. Visual Studio 2010 contains the ability to build AJAX-enabled ASP.NET applications from the default install of the IDE. This chapter takes a look at this way to build your applications. Chapter 19, “ASP.NET AJAX Control Toolkit.” Along with the capabilities to build ASP.NET applications that make use of the AJAX technology, a series of controls is available to make the task rather simple. This chapter takes a good look at the ASP.NET AJAX Control Toolkit and how to use this toolkit with your applications today. Chapter 20, “Security.” This chapter discusses security beyond the

membership and role management features provided by ASP.NET 4. This chapter provides an in-depth look at the authentication and authorization mechanics inherent in the ASP.NET technology, as well as HTTP access types and impersonations. Chapter 21, “State Management.” Because ASP.NET is a request-response-based technology, state management and the performance of requests and responses take on significant importance. This chapter introduces these two separate but important areas of ASP.NET development. Chapter 22, “Caching.” Because of the request-response nature of ASP.NET, caching (storing previous generated results, images, and pages) on the server becomes rather important to the performance of your ASP.NET applications. This chapter looks at some of the advanced caching capabilities provided by ASP.NET, including the SQL cache invalidation feature which is part of ASP.NET 4. This chapter also takes a look at object caching and object caching extensibility. Chapter 23, “Debugging and Error Handling.” This chapter tells you how to properly structure error handling within your applications. It also shows you how to use various debugging techniques to find errors that your applications might contain. Chapter 24, “File I/O and Streams.” This chapter takes a close look at working with various file types and streams that might come into your ASP.NET applications. Chapter 25, “User and Server Controls.” Not only can you use the plethora of server controls that come with ASP.NET, but you can also use the same framework these controls use and build your own. This chapter describes building your own server controls and how to use them within your applications. Chapter 26, “Modules

and Handlers.” This chapter looks at two methods of manipulating the way ASP.NET processes HTTP requests: `HttpModule` and `HttpHandler`. Each method provides a unique level of access to the underlying processing of ASP.NET, and each can be a powerful tool for creating Web applications. Chapter 27, “ASP.NET MVC.” ASP.NET MVC is the latest major addition to ASP.NET and has generated a lot of excitement from the development community. ASP.NET MVC supplies you with the means to create ASP.NET using the Model-View-Controller models that many developers expect. ASP.NET MVC provides developers with the testability, flexibility, and maintainability in the applications they build. It is important to remember that ASP.NET MVC is not meant to be a replacement to the ASP.NET everyone knows and loves, but instead is simply a different way to construct your applications. Chapter 28, “Using Business Objects.” Invariably, you are going to have components created with previous technologies that you do not want to rebuild but that you do want to integrate into new ASP.NET applications. If this is the case, the .NET Framework makes incorporating your previous COM components into your applications fairly simple and straightforward. This chapter also shows you how to build .NET components instead of turning to the previous COM component architecture. Chapter 29, “ADO.NET Entity Framework.” The inclusion of the ADO.NET Entity Framework in ASP.NET makes mapping objects from the database to the objects within your code significantly simpler. Using Visual Studio 2010, you are able to visually design your entity data models and then very easily access these models from code allowing the ADO.NET

Entity Framework to handle the connections and transactions to the underlying database. Chapter 30, “ASP.NET Dynamic Data.” This feature in ASP.NET 4 allows you to quickly and easily put together a reporting and data entry application from your database. You are also able to take these same capabilities and incorporate them into a pre-existing application. Chapter 31, “Working with Services.” This chapter reveals the ease not only of building XML Web services, but consuming them in an ASP.NET application. This chapter then ventures further by describing how to build XML Web services that utilize SOAP headers and how to consume this particular type of service. Another feature in ASP.NET, ADO.NET Data Services, allows you to create a RESTful service layer using an Entity Data Model. Using this capability, you can quickly set up a service layer that allows you to expose your content as AtomPub or JSON, which will allow the consumer to completely interact with the underlying database. Chapter 32, “Building Global Applications.” ASP.NET provides an outstanding way to address the internationalization of Web applications. Changes to the API, the addition of capabilities to the server controls, and even Visual Studio itself equip you to do the extra work required to more easily bring your application to an international audience. This chapter looks at some of the important items to consider when building your Web applications for the world. Chapter 33, “Configuration.” This chapter teaches you to modify the capabilities and behaviors of ASP.NET using the various configuration files at your disposal. Chapter 34, “Instrumentation.” ASP.NET gives you greater capability to apply instrumentation techniques to your

applications. The ASP.NET Framework includes performance counters, the capability to work with the Windows Event Tracing system, possibilities for application tracing (covered in Chapter 23 of this book), and the most exciting part of this discussion—a health monitoring system that allows you to log a number of different events over an application's lifetime. This chapter takes an in-depth look at this health monitoring system. Chapter 35, "Administration and Management." This chapter provides an overview of the GUI tools that come with ASP.NET today that enable you to manage your Web applications easily and effectively. Chapter 36, "Packaging and Deploying ASP.NET Applications." So you have built an ASP.NET application—now what? This chapter takes the building process one step further and shows you how to package your ASP.NET applications for easy deployment. Many options are available for working with the installers and compilation model to change what you are actually giving your customers. Appendix A, "Migrating Older ASP.NET Projects." This appendix focuses on migrating ASP.NET 1.x, 2.0, or 3.5 applications to the 4 Framework. Appendix B, "ASP.NET Ultimate Tools." Based on Scott Hanselman's annual Tools pick blog posting, many of the tools here will expedite your development process and, in many cases, make you a better developer. Appendix C, "Silverlight 3 and ASP.NET." Silverlight is a means to build fluid applications using XAML. This technology enables developers with really rich vector-based applications. Appendix D, "Dynamic Types and Languages." As of the release of ASP.NET 4, you can now build your Web applications using IronRuby and IronPython. This appendix

takes a quick look at using dynamic languages in building your Web applications. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file. *Microsoft SQL Server 2008 Reporting Services Step by Step* John Wiley & Sons 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.

Concepts, Designs and Implementations
John Wiley & Sons

Professional ADO.NET 2 Programming with SQL Server 2005, Oracle, and MySQL
John Wiley & Sons

Professional Microsoft SQL Server 2014 Integration Services
Apress

* Provides compact coverage of new ADO.NET features and use of cutting edge tools, such as Visual Studio .NET 2005. * Content and examples take practical focus as opposed to a theoretical, academic treatment. * Heavily trimmed content eliminates information the reader won't find useful very often.

.NET 3.5 Wrox Box John Wiley & Sons
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.

Includes Silverlight 2 John Wiley & Sons

If you use Entity Framework in Visual Studio 2008 and .NET 3.5, this is the book you want. Programming Entity Framework, 1st Edition offers experienced developers a thorough introduction to Microsoft's core framework for modeling and interacting with data in .NET applications. This hands-on tour provides a deep understanding of Entity Framework's architecture and APIs, and explains how to use the framework in a variety of applications built with Visual Studio 2008 and .NET 3.5. From the Entity Data Model (EDM) and Object Services to EntityClient and the Metadata

Workspace, this highly acclaimed first edition covers it all. Understand the core concepts you need to make the best use of the Entity Framework (EF) in your applications Learn to query your data, using either LINQ to Entities or Entity SQL Create Windows Forms, WPF, and ASP.NET applications Build ASMX web services and WCF services Use Object Services to work directly with your entity objects Delve into model customization, relationship management, change tracking, data concurrency, and more One important note: while many of the lessons from this book will continue to be valuable as you move to .NET 4, the thoroughly revised second edition of Programming Entity Framework (August 2010) specifically targets Visual Studio 2010 and .NET 4 -- where there have been many advancements and additions to the framework.

Murach's ADO.NET 3.5, LINQ, and the Entity Framework with VB 2008 Apress

This book will follow the proven pattern of its previous .NET 2.0 and .NET 1.1 editions, teaching novice users how to use ASP.NET by gradually building their knowledge of the technology up in a pyramidal fashion chapter by chapter. Comprehensively revised for both ASP.NET 3.5 and the new C# 3.0 language this book presents the easiest path to ASP.NET 3.5 mastery. This is one of the first books introducing novices to this important new technology area, and is written specifically in their coding language of preference. The book is written by a proven and award winning .NET author that has been following the technology release cycle since its inception.

Professional Visual Basic 2008 John Wiley & Sons

Professional C# 2008 starts by reviewing the overall architecture of .NET in

Chapter 1 in order to give you the background you need to be able to write managed code. After that the book is divided into a number of sections that cover both the C# language and its application in a variety of areas.

Beginning ASP.NET 3.5 in C# 2008 Wrox
Oracle Database Programming with Visual Basic.NET Discover a detailed treatment of the practical considerations and applications of Oracle database programming with Visual Basic 2019
Oracle Database Programming with Visual Basic.NET: Concepts, Designs, and Implementations delivers a comprehensive exploration of the foundations of Oracle database programming using Visual Basic.NET. Using Visual Basic.NET 2019, Visual Studio.NET 2019, and Oracle 18c XE, the book introduces the Oracle database development system, Oracle SQL Developer and Modeler, and teaches readers how to implement a sample database solution. The distinguished author also demonstrates the use of dotConnect for Oracle to show readers how to create an effective connection to an Oracle 18c XE database. The current versions of the .NET framework, ASP.NET, and ASP.NET 4.7 are also explored and used to offer readers the most up to date web database programming techniques available today. The book provides practical example projects and detailed, line-by-line descriptions throughout to assist readers in the development of their database programming skill. Students will also benefit from the inclusion of: A thorough introduction to databases, including definitions, examples, descriptions of keys and relationships, and some database components in popular databases, like Access, SQL, and Oracle An exploration of ADO.NET,

including its architecture and components, like the DataReader class, DataSet component, DataTable component, and the command and parameter classes A discussion of Language Integrated Query (LINQ), including its architecture and components, its relationship to objects, DataSet, Oracle, and Entities An explanation of how to access data in ASP.NET and ASP.NET Web Services with multiple real project examples. Perfect for college and university students taking courses related to database programming and applications, Oracle Database Programming with Visual Basic.NET will also earn a place in the libraries of programmers and software engineers seeking a comprehensive reference for database coding in Visual Basic.NET.

Professional SharePoint 2010 Cloud-Based Solutions John Wiley & Sons
Visual Studio is a development IDE created by Microsoft to enable easier development for Microsoft programming languages as well as development technologies. It has been the most popular IDE for working with Microsoft development products for the past 10 years. Extensibility is a key feature of Visual Studio. There have not been many books written on this aspect of Visual Studio. Visual Studio Extensibility (VSX) can be considered a hard topic to learn for many developers in comparison with most .NET related topics. Also, its APIs are very complex and not very well written. Some may refer to these APIs as “dirty” because they do not have good structure, naming convention, or consistency. Visual Studio is now 10 years old. It was created during the COM days for COM programming but later migrated to .NET. However, Visual Studio still relies heavily on COM programming.

It was revamped when moving to the .NET platform but still contains its COM nature; this fact is what makes it harder for .NET developers to work with VSX. Because it is an older product built on two technologies, it has produced inconsistency in code. Although there are problems with the current version of VSX, the future looks bright for it. The many different teams working on the software have been moved into one umbrella group known as the Visual Studio Ecosystem team. Throughout the past 10 years Visual Studio has continued to grow and new extensibility features have been added. Learning all of the options with their different purposes and implementations is not easy. Many extensibility features are broad topics such as add-ins, macros, and the new domain-specific language tools in Visual Studio. Learning these topics can be difficult because they are not closely related to general .NET programming topics. This book is for .NET developers who are interested in extending Visual Studio as their development tool. In order to understand the book you must know the following material well: Object-oriented programming (OOP), the .NET Framework and .NET programming, C# or Visual Basic languages, some familiarity with C++, some familiarity with XML and its related topics, and Visual Studio structure and usage. A familiarity with COM programming and different .NET technologies is helpful. The aims of this book are to: Provide an overview of all aspects of VSX Enable readers to know where/when to use extensibility Familiarize readers with VS Extensibility in detail Show readers the first steps and let them learn through their own experiences Use examples, sample code, and case studies to

demonstrate things in such a way that helps readers understand the concepts Avoid bothering readers with long discussions and useless code samples In order to use this book, and get the most out of it, there are some technical requirements. You must have the following two packages installed on your machine to be able to read/understand the chapters and test code samples: Visual Studio 2008 Team System Edition (or other commercial editions) Visual Studio 2008 SDK 1.0 (or its newer versions) You will need to buy Visual Studio 2008 to register for an evaluation version. The Free Express editions of Visual Studio do not support the extensibility options. The Visual Studio SDK is needed in order to read some of the chapters in the book and can be downloaded as a free package. The operating system doesn't matter for the content of the book, but all code was written with Visual Studio 2008 Team System Edition in Windows Vista x86. Chapters 1, 2, and 3 will give you an introduction to the basic concepts you need to understand before you can move on to the rest of the book. Chapter 4 discusses the automation model, which is an important prerequisite for many [Professional C# 5.0](#) and [.NET 4.5.1](#) John Wiley & Sons

Fill the gap between planning and doing with SSIS 2014 The 2014 release of Microsoft's SQL Server Integration Services provides enhancements for managing extraction, transformation, and load operations, plus expanded in-memory capabilities, improved disaster recovery, increased scalability, and much more. The increased functionality will streamline your ETL processes and smooth out your workflow, but the catch is that your workflow must change. New tools come with new best practices, and

Professional Microsoft SQL Server 2014 Integration Services will keep you ahead of the curve. SQL Server MVP Brian Knight is the most respected name in the business, and your ultimate guide to navigating the changes to use Microsoft SQL Server Integration Services 2014 to your utmost advantage. Implement new best practices for effective use of SSIS Work through tutorials for hands-on learning of complex techniques Read case studies that illustrate the more advanced concepts Learn directly from the foremost authority on SSIS SQL Server Integration Services is a complex tool, but it's the lifeblood of your work. You need to know it inside out, and you must understand the full potential of its capabilities in order to use it effectively. You need to make sure the right architecture is in place. Professional Microsoft SQL Server 2014 Integration Services is your roadmap to understanding SSIS on a fundamental level, and setting yourself up for success.

Concepts, Designs, and Implementations
"O'Reilly Media, Inc."

Market_Desc: Experienced programmers (either a .NET language C# or VB background, Java, or PHP) transitioning to ASP.NET 3.5 or SP1 Special Features: Previous version is the #1 best-selling ASP.NET 3.5 book (ISBN: 0470187573)" Stellar author team of Bill Evjen (INETA Founder and former president), Scott Hanselman (one of the top 2 ASP.NET bloggers and now Microsoft PM), and Devin Rader" 250 pages of new and revised content compared to the original Professional ASP.NET 3.5 (0470187573) adds hefty SP1 coverage of data access features for Entity Framework and dynamic data as well as ASP.Net Ajax Updates" Continues to include both C# and VB examples in the printed book as

readers are evenly split between these 2 languages -- a feature not matched by ANY competitor About The Book: Professional ASP.NET 3.5 SP1 continues to set the standard for ASP.NET established by the earlier 2.0 and 3.5 versions of this book. Updated for ASP.NET 3.5 SP1 the author team of Bill Evjen (INETA Founder and former president), Scott Hanselman (well known for his www.computerzen.com blog and now a Microsoft ASP.NET PM), and Devin Rader (a well known technology evangelist and developer speaker) add 250 pages of great new and updated content compared to the original 3.5 version of the book. This edition retains many great features from previous versions, including both printed and downloadable VB and C# code examples and great feature coverage of core ASP.NET. The 3.5 versions focus even more on experienced programmers and advanced web development. The more than 250 pages of new and updated coverage for this edition includes: " New ASP.NET AJAX Back Button History / Script Combining" New ADO.NET Entity Framework" New ADO.NET Dynamic Data" New New WCF capabilities including changes toDataContractSerializer, new Atom and RSS outputs" New ADO.NET Data Services
Cloud Computing with the Windows Azure Platform John Wiley & Sons 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
Professional C# 2008 John Wiley & Sons
 The professional's guide to C# 7, with expert guidance on the newest features Professional C# 7 and .NET Core 2.0 provides experienced programmers with the information they need to work effectively with the world's leading programming language. The latest C# update added many new features that help you get more done in less time, and this book is your ideal guide for getting up to speed quickly. C# 7 focuses on data consumption, code simplification, and performance, with new support for local functions, tuple types, record types, pattern matching, non-nullable reference types, immutable types, and better support for variables. Improvements to Visual Studio will bring significant changes to the way C# developers interact with the space, bringing .NET to non-Microsoft platforms and incorporating tools from other platforms like Docker, Gulp, and NPM. Guided by a leading .NET expert and steeped in real-world practicality, this guide is designed to get you up to date and back to work. With Microsoft speeding up its release cadence while offering more significant improvement with each update, it has never been more important to get a handle on new tools and features quickly. This book is designed to do just that, and more—everything you need to know about C# is right here, in the single-volume resource on every developer's shelf. Tour the many new and enhanced features packed into C# 7 and .NET Core 2.0 Learn how the latest Visual Studio update makes developers' jobs easier Streamline your workflow with a new focus on code simplification and

performance enhancement. Delve into improvements made for localization, networking, diagnostics, deployments, and more. Whether you're entirely new to C# or just transitioning to C# 7, having a solid grasp of the latest features allows you to exploit the language's full functionality to create robust, high-quality apps. *Professional C# 7 and .NET Core 2.0* is the one-stop guide to everything you need to know.

Using Microsoft Office SharePoint Server 2007 and VSTO John Wiley & Sons

A guide to the practical issues and applications in database programming with updated Visual Basic.NET. SQL Server Database Programming with Visual Basic.NET offers a guide to the fundamental knowledge and practical techniques for the design and creation of professional database programs that can be used for real-world commercial and industrial applications. The author—a noted expert on the topic—uses the most current version of Visual Basic.NET, Visual Basic.NET 2017 with Visual Studio.NET 2017. In addition, he introduces the updated SQL Server database and Microsoft SQL Server 2017 Express. All sample program projects can be run in the most updated version, Visual Basic.NET 2019 with Visual Studio.NET 2019. Written in an accessible, down-to-earth style, the author explains how to build a sample database using the SQL Server management system and Microsoft SQL Server Management Studio 2018. The latest version of ASP.NET, ASP.NET 4.7, is also discussed to provide the most up-to-date Web database programming

technologies. This important book: Offers illustrative practical examples and detailed descriptions to aid in comprehension of the material presented. Includes both fundamental and advanced database programming techniques. Integrates images into associated database tables using a DevExpress UI tools -WindowsUI. Written for graduate and senior undergraduate students studying database implementations and programming courses, SQL Server Database Programming with Visual Basic.NET shows how to develop professional and practical database programs in Visual Basic.NET 2017/Visual Basic.NET 2019. **Professional ASP.NET 3.5, Professional C# 2008, Professional LINQ, .NET Domain-Driven Design with C#** John Wiley & Sons. You won't get far as a C# developer unless you know how to write database applications. That is where this book comes in. It shows you how to use Visual Studio 2008 and ADO.NET 3.5 to develop database applications the way the best professionals do. That includes the full gamut of skills you need, from using prototyping features that generate ADO.NET code...to writing your own ADO.NET code from scratch so you can closely control how the database processing works...to using .NET 3.5 features like LINQ and the ADO.NET Entity Framework that actually change the way you think about handling data. What's more, this book takes you from beginner to database professional in a logical progression that makes each step easier to master.