



William R. Vaughn

# ADO Examples and Best Practices

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# Ado Examples And Best Practices

**Scott C. Dulebohn**



## **Ado Examples And Best Practices:**

**ADO Examples and Best Practices** William R. Vaughn, 2000-05-01 ADO Active Data Objects is how the millions of Visual Basic programmers hitch onto Microsoft's amazing Universal Database Access strategy. But power breeds complexity and using ADO isn't trivial. This book is based on best-selling author Bill Vaughn's years of experience working with front-line data access developers and the development teams at Microsoft itself. Now this Microsoft veteran translates his insights and collected wisdom of over a decade at Microsoft into working solutions for the common and some not so common data-related problems developers face every day. ADO Examples and Best Practices focuses on addressing data problems at the root through better designs and better ADO coding practices. These suggestions often yield far better performance both for the developer who is able to write better code more quickly and for the application it runs faster with less resources. About the Author: William R. Vaughn is currently a Developer Trainer at Microsoft. He has taught, written, lectured, sold, supported, designed, coded, managed, and cried over mainframe and microcomputer systems and software for 28 years. He has been at Microsoft since 1986 and has held positions ranging from writing, teaching, and managing trainers at the Microsoft University (MSU) to being Visual Basic Enterprise Product Manager. During his last two years at Microsoft, he has been with the Internal Technical Education group, teaching Microsoft employees themselves. While there, he developed and taught courses on Visual Basic data architectures and ActiveX Data Objects (ADO). *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.

**ADO.NET Examples and Best Practices for C# Programmers** Peter D. Blackburn, William Vaughn, 2002-04-01 Written specifically for COM-based ADO developers retooling for ADO.NET using the C language, this book brings fresh insights and tips on the ADO.NET technology. Veteran authors William Vaughn and Peter Blackburn have packed this formative guide with practical advice on how to write code that is both faster running and easier to understand. The onset of the new .NET technology is forcing developers to completely rethink their data access strategies. This book helps you to do this through working examples and numerous discussions of what works and what doesn't. Derived from years of experience working with data access developers, ADO.NET Examples and Best Practices for C# Programmers includes 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 forethought to enable. This is a developer's book full of hints, tips, and notes passed on from those who've spent significant time in the .NET and C# trenches.

**Adobe Acrobat 5** Donna L. Baker, 2002-04-05 Adobe Acrobat 5 The Professional User's Guide is designed for professionals, covering all of the program's major components and providing thorough instruction on how to use Acrobat as effectively as possible. Throughout the book, renowned author Donna Baker includes a series of Workflow Tips designed to give you immediate direction on how to use Acrobat's features, how to make planning decisions, and how to avoid common mistakes. This book also includes a comprehensive project chapter that illustrates a real-life scenario involving project planning and form design processes. The book is organized into functional sections for ease of use. After a general introduction to Acrobat 5, the book moves on to creation and security issues, and then covers output options with several chapters devoted to different forms of output. An extensive chapter on Acrobat JavaScript is also included for reference. All topical chapters have projects, tutorials, and demonstrations. The accompanying CD-ROM includes complete source files from the book's projects and tutorials, as well as completed versions of the project files for reference and troubleshooting.

**Visual Basic and Visual Basic .NET for Scientists and Engineers** Christopher M. Frenz, 2002-01-31 Visual Basic and Visual Basic .NET for Scientists and Engineers begins with an overview of the Visual Basic and Visual Basic .NET IDEs, their important characteristics, and how the development environments can be manipulated to suit developers' needs. After a solid discussion of VB and VB .NET forms, controls, and namespaces, author Christopher Frenz shows you how to put controls to work by making use of the different control events. Once this introductory material has been covered, you're introduced to the different data types that Visual Basic supports, with special attention paid to the various numerical data types and their uses. Frenz then takes an in-depth look at the various numerical and logical operators and their precedence. You'll explore VB's loop structures via practical examples. Frenz later delves into topics such as designing graphical user interfaces, programming customized spreadsheets, and debugging. Along the way, you'll learn about all important file handling and data acquisition techniques, as well as how to graphically display your data. You'll also move on to cover more advanced topics, including mathematical modeling and the new, rapidly growing field of bioinformatics.

**Essential Guide to Managed Extensions for C++** Artur Laksberg, Siva Challa, 2008-01-01 Features how to write .NET applications using C++ and how to mix unmanaged and managed C++ code in the same application. Details when and why to use unmanaged code in .NET developments. Includes code samples with detailed explanations in every chapter. The Essential Guide to Managed Extensions for C++ is a comprehensive guide for programmers writing code in Managed Extensions for C++. The information in this book comes straight from the horse's mouth; both authors have been key members of the Visual C++ .NET compiler development team and have spent most of their time implementing the language and educating others about managed C++. The book is divided into two parts. Part One covers the

basics of MC It starts with an introduction to MC and gives a brief overview of the NET Framework Next it delves directly into the various features of MC including managed classes interfaces value types properties enumerations pointers arrays operators delegates attributes events and exceptions Part Two of the book is devoted to the transition between the managed and unmanaged worlds It starts with a general introduction to interoperability between managed and unmanaged code The following chapters describe the Platform Invoke service interoperability between COM and NET and various data marshaling techniques The last chapter of Part Two shows how MC can be used to write interoperability layers over existing components with minimal overhead

**XML Programming Using the Microsoft XML Parser** Wei-Meng Lee, Soo Mee Foo, 2008-01-01 XML Programming Using the Microsoft XML Parser is written for programmers interested in XML development using Microsoft technologies Coupling valuable discussion of the Microsoft XML parser Windows platform and XML development software with the numerous core XML technologies including XSLT XPATH SAX DOM XML Schema and SOAP this book steps beyond the mainstream focus on the theoretical aspects of XML and actually demonstrates the concepts in a real world development environment Veteran authors and trainers Soo Mee Foo and Wei Meng Lee intersperse this survey of XML technologies with discussion of topics sure to interest any budding XML developer providing timely information regarding Web services ActiveX Data Objects ADO and Microsoft SQL Server 2000 XML support A chapter is also devoted to the Wireless Markup Language WML one of the most visible applications of XML technology No question XML is one of the rising stars in information technology XML Programming Using the Microsoft XML Parser offers you what you need to know to get acquainted with the concepts necessary to begin development with this exciting technology

Real World ASP.NET Stephen R.G. Fraser, 2008-01-01 Real World ASP NET Building a Content Management System provides web developers with a cost effective way to develop a content management system within Microsoft s NET Framework Unlike other NET books on ASP NET that teach technologies on a piecemeal basis this book explains the underlying technologies and also shows how they are integrated into a complete ASP NET application suitable for many organizations Complete source code written in C and ASP NET is included which will enable web developers to create a dynamic content site at a fraction of the cost of a commercial solution You will learn about the following Content management system This system used to manage the content of a website consists of the content management metacontent management and content delivery applications C and ASP NET These underlying technologies are introduced and then applied extensively ADO NET All aspects relevant to dynamic content management are covered XML Extensible Markup Language XML is introduced and then applied in the programmatic updating of the config web file Authentication authorization and encryption These topics are discussed in the book especially with regard to protected content and system administration Personalization Many key technologies are used to make the CMS solution truly user friendly Real World ASP NET Building a Content Management System is the complete hands on guide to mastering the art of content management systems and website development using the NET Framework

Moving

To ASP.NET Steve Harris, Rob MacDonald, 2002-04-20 Moving to ASP NET Web Development with VB NET provides focused and thorough guidance on creating Web applications using ASP NET including both Web Form applications and Web Services Authors Steve Harris and Rob MacDonald have worked extensively with NET throughout the beta program and offer their real world experience creating and implementing ASP NET applications The authors discuss and examine relevant topics and teach you how to make immediate use of ASP NET Topics include Web Forms server side and mobile controls data access and binding and XML integration Also covered are NET architecture and configuration security state and session management scalability design and Web Services Extensive examples are featured throughout the book and are also available on the Web for you to access and download

*The Handbook for Reluctant Database Administrators* Josef Finsel, 2001-09-26 Designed to provide programmers and developers with a good grasp of exactly what is required to design build secure and maintain a database It is written from the point of view of someone who has crossed over from programming to database administration or has inherited DBA responsibilities Author Finsel covers the core topics of database design backups and recovery indexing stored procedures user defined functions UDFs SQL Server error handling and Data Transformation Services DTS

*MSDN Magazine*, 2004 Dave Baum's Definitive Guide To LEGO MINDSTORMS Dave Baum, 2002-11-11 The second edition of Baum's Definitive Guide to LEGO MINDSTORMS has been updated for RIS 2 0

*GDI+ Programming in C# and VB .NET* Nick Symmonds, 2002-07-02 GDI both wraps arcane API calls and extends them for much easier use Programmers no longer have to make do with the familiar but simplistic VB 6 0 drawing model nor do they have to dig down into the GDI API in order to get any real work done In GDI Microsoft has come up with a complete but still extensible set of classes for all of the NET programmers drawing needs GDI requires different techniques than the Windows GDI API as it is completely stateless GDI Programming in C and VB NET starts out with an explanation of GDI and how it relates to GDI The book then dives deep into the GDI namespaces and classes The book begins with basic drawing in the early chapters and then explains in an understandable manner more complex drawing techniques including paths gradients alpha blends matrix operations and transformations Later chapters cover how to work with bitmaps and other images as well as advanced drawing and printing techniques The final two chapters are devoted to useful projects that show the subject matter of the previous chapters in real world examples Throughout GDI Programming in C and VB NET author Nick Symmonds not only explains the different namespaces and classes relating to GDI but also takes the time to cover the best practices of graphics programming Woven throughout the book are numerous examples that tie together different aspects of programming in NET that teach programmers how to get the best possible speed and efficiency out of their code

BizTalk Server 2002 Design and Implementation Xin Chen, 2002-11-15 Chen's book provides everything developers need to know to build an end to end BizTalk solution with focus on BizTalk Server 2002

Real World Enterprise Reports Using VB6 And VB .NET Carl Ganz, 2003 The authors approach Crystal Palm and Web programming from the standpoint of report

development     Writing Perl Modules for CPAN Sam Tregar,2002-08-13 Tregar offers Perl developers a comprehensive guide to using and contributing to the Comprehensive Perl Archive Network CPAN Starting with a general overview of CPAN s history network topology and navigational mechanisms readers are quickly brought up to speed regarding how to search out and install available modules     **Real-World SQL-DMO for SQL Server** Allan Mitchell,Mark Allison,2002-10-16 Using clear language the authors hope to take developers to another level in administering their SQL Server In this text Allan Mitchell and Mark Allison show developers how to create tools which will let them do their jobs easier and faster SQL DMO is a feature rich library that can be manipulated to do things that simply are not possible using the standard tool set of Microsoft SQL Server Here Mitchell and Allison show developers how to do it in a way that is not masked by techno babble Instead they write in a manner that is easy to understand and clearly explains the points necessary to advance in programming SQL Server     Dr. Dobb's Journal of Software Tools for the Professional Programmer ,2003     **The Definitive Guide to the .NET Compact Framework** Dan Fergus,Larry Roof,2003 The NET Compact Framework brings the world of managed code and XML Web services to smart devices and it enables the execution of secure downloadable applications on devices such as personal digital assistants PDAs mobile phones and set top boxes The Definitive Guide to the NET Compact Framework targets both first time and experienced mobile developers and is a comprehensive guide to building mobile applications using the NET Compact Framework CF and Smart Device Extensions SDE for Visual Studio NET Expert authors Larry Roof and Dan Fergus provide developers with everything they need to produce robust applications including how to create effective user interfaces work with device based data sources access enterprise data leverage Web services incorporate XML into applications build help systems and generate setup routines     **LEGO Spybotics Secret Agent Training Manual** Ralph Hempel,2002-11-22 LEGO Spybotics Secret Agent Training Manual provides complete coverage of the ultimate LEGO Spybotics system Author Ralph Hempel begins with a Spybotics overview and then delves into the nitty gritty of Spybotics including systems training construction and care agent communications mission selection and even advanced topics such as how to customize your missions LEGO Spybotics Secret Agent Training Manual is designed to help secret agents get the most out of their LEGO Spybot Agents will benefit from Hempel s detailed mission summaries tips on deciphering common problems and instructions on how to program the Spybot to run top secret missions by itself Hempel puts all of the mission critical information right at your fingertips Enjoy it even when you re not running covert missions with your Spybot Are you ready

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