

Business Objects Query Builder

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MDX Cube Reporting Guide for MicroStrategy 9.
3. 1 - MicroStrategy Product Manuals
2013-04-30

The Object Primer - Scott W. Ambler
2004-03-22
Scott Ambler, award-winning author of Building

Object Applications that Work, Process Patterns, and More Process Patterns, has revised his acclaimed first book, The Object Primer. Long prized in its original edition by both students and professionals as the best introduction to object-oriented technology, this book has all modeling notation rewritten in UML 2.0. All

chapters have been revised to take advantage of Agile Modeling (AM), which is presented in the new chapter 2 along with other important modeling techniques. Review questions at the end of each chapter allow readers to test their newly acquired knowledge. In addition, the author takes time to reflect on the lessons learned over the past few years by discussing the proven benefits and drawbacks of the technology. This is the perfect book for any software development professional or student seeking an introduction to the concepts and terminology of object technology.

Creating Universes with SAP

BusinessObjects - Taha M. Mahmoud

2014-09-25

This book is aimed at both new developers as well as experienced developers. If you are a new SAP BusinessObjects Universe developer who is looking for a step-by-step guide supported with real-life examples and illustrated diagrams, then this book is for you. If you are a seasoned

BusinessObjects Universe developer who is looking for a fast way to map your old experience in Universe designer to the newer Information Design Tool, then this book is for you as well.

Human-Computer Interaction and Technology Integration in Modern Society -

Rahman, Hakikur 2021-02-19

Technology has opened a wide window of novel communication methods and techniques and has become ubiquitous in modern society. With advancements occurring rapidly and transforming practices and efficiencies within all fields including business, education, medicine, engineering, and so on, it is important to remain up to date on the latest research findings.

Human-Computer Interaction and Technology Integration in Modern Society is a critical reference source that examines the integration of technological innovations into every aspect of modern society including education and business. Highlighting important topics that

include digitization, human development, knowledge management, and open innovation, this book is ideal for IT specialists, policymakers, professionals, academicians, researchers, practitioners, and students.

Doing Objects in Visual Basic 2005 - Deborah Kurata 2007-02-20

Doing Objects in Visual Basic 2005 is the authoritative guide to object-oriented design, architecture, and development with Visual Basic 2005. Author Deborah Kurata is the original pioneer in building object-oriented applications with Visual Basic. In this book she continues to offer clarity and deliver best practices for using object-oriented techniques in Visual Basic 2005. She has been honored with Microsoft's prestigious MVP designation for her expertise and contributions to the community. Kurata begins with a concise introduction to core object-oriented concepts and the Visual Basic 2005 features that support them. Next she introduces a pragmatic and agile approach to

designing effective applications along with an application framework. From there she walks you through the process of building the user interface, business logic, and data access layers of an application, highlighting key VB 2005 techniques and best practices. Kurata's step-by-step "building along" activities provide you with deep hands-on mastery; your finished application can serve as the starting point for virtually any custom project. This book Shows how the tools in Visual Studio 2005 combined with a solid object-oriented approach can help minimize the complexities of software development and improve productivity Clearly explains the fundamental concepts of object development: classes, inheritance, interfaces, scenarios, and more Presents a pragmatic agile software design methodology to help analyze and design applications for the real world Covers building the user interface layer using a base form class, programmatic interfaces, and object binding Details building the business logic

layer using a base business object class and validation rules Demonstrates how to build the data access layer using ADO.NET Provides best practices and tips for experienced .NET developers, those new to .NET, and for those developers moving from VB6 to .NET
MDX Cube Reporting Guide for MicroStrategy 10 - MicroStrategy Product Manuals 2015-06-04

NODe 2002 - Germany) Node 200 (2002 Erfurt 2003-02-25

This book constitutes the thoroughly refereed post-proceedings of the Web- and Database-Related Workshops held during the NetObjectDays international conference NODe 2002, in Erfurt, Germany, in October 2002. The 19 revised full papers presented together with 3 keynote papers were carefully selected during 2 rounds of reviewing and improvement. The papers are organized in topical sections on advanced Web-services, UDDI extensions, description and classification of Web services,

applications based on Web-services, indexing and accessing, Web and XML databases, mobile devices and the Internet, and XML query languages.

Human Development and Interaction in the Age of Ubiquitous Technology - Rahman, Hakikur 2016-06-27

The human condition is affected by numerous factors in modern society. In modern times, technology is so integrated into culture that it has become necessary to perform even daily functions. Human Development and Interaction in the Age of Ubiquitous Technology is an authoritative reference source for the latest scholarly research on the widespread integration of technological innovations around the globe and examines how human-computer interaction affects various aspects of people's lives. Featuring emergent research from theoretical perspectives and case studies, this book is ideally designed for professionals, students, practitioners, and academicians.

Applied Microsoft Analysis Services 2005 and Microsoft Business Intelligence Platform - Teo Lachev 2005

Knowledge is power! As its name suggests, the promise of Microsoft SQL Server Analysis Services 2005 is to promote better data analytics by giving information workers the right tool to analyze consistent, timely, and reliable data. Empowered with Analysis Services and Microsoft Business Intelligence Platform, you are well positioned to solve the perennial problem with data--that there is too much of it and finding the right information is often difficult, if not impossible. Applied Microsoft Analysis Services 2005 shows database administrators and developers how to build complete OLAP solutions with Microsoft Analysis Services 2005 and Microsoft Business Intelligence Platform. Database administrators will learn how to design and manage sophisticated OLAP cubes that provide rich data analytics and data mining services. The book

gives developers the necessary background to extend UDM with custom programming logic, in the form of MDX expressions, scripts and .NET code. It teaches them how to implement a wide range of reporting applications that integrate with Analysis Services, Reporting Services, and Microsoft Office. This book doesn't assume any prior experience with OLAP and Microsoft Analysis Services. It is designed as an easy-to-follow guide where each chapter builds upon the previous to implement the components of the innovative Unified Dimensional Model (UDM) in a chronological order. New concepts are introduced with step-by-step instructions and hands-on demos. What's Inside:

- o Design sophisticated UDM models
- o Build ETL processes with SSIS
- o Implement data mining tasks
- o Enrich UDM programmatically with MDX
- o Extend UDM with SSAS stored procedures
- o Create rich end-user model
- o Optimize Analysis Services storage and processing
- o Implement dynamic security
- o Build custom OLAP clients

Author standard and ad-hoc reports with SSRS o
Build Office-based BI applications and
dashboards o and much more

Beginning Oracle Application Express 4 -

Doug Gault 2011-07-14

Beginning Oracle Application Express 4 introduces one of the most talked-about development platforms to come out of Oracle Corporation in years. Oracle Application Express, called APEX for short, enables rapid and easy development of web-based applications that make full use of Oracle Database. The release of APEX 4 brings a huge leap forward in terms of functionality and usability for both the developer and the end user. Power users and programmers alike can quickly put together robust and scalable applications for use by one person, by a department, by an entire company. Whether you're new to Oracle or an old hand who's yet to test the waters of APEX, Beginning Oracle Application Express 4 introduces the processes and best practices you'll need to

become proficient with APEX. The book shows off the programming environment, the utilities and tools available, and then continues by walking through the process of building a working system from the ground up. While the book assumes a foundational knowledge of SQL and PL/SQL, all code used is documented and explained so that those new to the languages will not be lost. Covers brand-new functionality in APEX 4 Provides fully documented and explained example code Guides you through creating a working and fully deployable application

Objects and Databases - Klaus R. Dittrich

2001-01-30

This book constitutes the thoroughly refereed post-proceedings of the International Symposium on Objects and Databases held in conjunction with ECOOP 2000 in Sophia Antipolis, France in June 2000. The nine revised full papers, two short papers, and one demonstration presented together with one

invited paper and pannel discussion statements were carefully reviewed and selected from 21 submissions. The book offers topical sections on persistence, clustering, schema evolution, data mining and data warehouse, and miscellaneous. *Object - Oriented Database Systems : Approaches and Architectures* - Prabhu C.s.r.

MDX Cube Reporting Guide for MicroStrategy 9.5 - MicroStrategy Product Manuals 2015-02-01

The MDX Cube Reporting Guide provides information to integrate MicroStrategy with MDX cube sources. You can integrate data from MDX cube sources such as SAP BW, Microsoft Analysis Services, and Hyperion Essbase into your MicroStrategy projects and applications. *Oracle ADF Real World Developer's Guide* - Jobinesh Purushothaman 2012-10-22
Become an ADF expert with essential tips n' tricks and case studies for leveraging your ADF applications.

Agile Database Techniques - Scott Ambler
2012-09-17

Describes Agile Modeling Driven Design (AMDD) and Test-Driven Design (TDD) approaches, database refactoring, database encapsulation strategies, and tools that support evolutionary techniques Agile software developers often use object and relational database (RDB) technology together and as a result must overcome the impedance mismatch The author covers techniques for mapping objects to RDBs and for implementing concurrency control, referential integrity, shared business logic, security access control, reports, and XML An agile foundation describes fundamental skills that all agile software developers require, particularly Agile DBAs Includes object modeling, UML data modeling, data normalization, class normalization, and how to deal with legacy databases Scott W. Ambler is author of Agile Modeling (0471202827), a contributing editor with Software Development

(www.sdmagazine.com), and a featured speaker at software conferences worldwide

Jets From Young Stars V - José Gracia

2009-11-11

Studying the complex physical systems of stellar jets necessitates the incorporation of nonlinear effects which occur on a wide variety of length and timescales. One of the primary methods used to study the physics of jets is numerical simulations that apply high performance computing techniques. Such techniques are also required for analysing the huge modern astrophysical datasets. This book examines those computing techniques. It is a collection of the lectures from the fifth and final school of the JETSET network, "Jets From Young Stars V: High Performance Computing in Astrophysics." It begins with an introduction to parallel programming techniques, with an emphasis on Message Passing Interface (MPI), before it goes on to review grid technology techniques and offer a practical introduction to Virtual

Observatory. The second half of the book, then, is devoted to applications of high performance computing techniques, including 3D radiation transfer, to jet and star formation processes.

Aimed at graduate students in astrophysics, this book presents state-of-the-art methods, thereby offering interesting new insights to researchers in the field.

Developing .NET Enterprise Applications - John Kanalakis 2008-01-01

The author Kanalakis gives in-depth and detailed guidance on how to build a single, scalable enterprise application with C# and using .NET technologies.

Pro Visual Studio .NET - Kunal Cheda 2004-08-30

* This book offers a clear path of discovery into VS .NET to get you comfortable with it and then demonstrates how to effectively tweak it to the development need. * Very well received original edition : >9000 sales before liquidation forced de-stock. * Offers a look forward to Visual

Studio.NET (Whidbey). * Joins with our family of Visual Studio.NET books from Apress: This book + 1590590260 Writing Add-Ins for Visual Studio.NET (Les Smith)+ 1-59059-042-2 Enterprise Development with Visual Studio .NET, UML, and MSF (Hansen, Thomsen).

Third Generation Distributed Computing Environments - Amjad Umar 2004

Umar provides a collection of powerful services to support the e-business and m-business initiatives of today and tomorrow. (Computer Books)

ASP.NET 3.5 Enterprise Application Development with Visual Studio 2008 - Vincent Varallo 2009-02-10

This book provides a step-by-step guide for developing an ASP.NET 3.5 application using the latest features in Visual Studio 2008. The Problem Design Solution series by Wrox is unique because it describes a large case study and builds an entire solution chapter by chapter for each incremental step. This book uses a wide

variety of new features in Visual Studio 2008, explains each in detail, and produces a solution that you can use as a starting point for your own applications. If you are responsible for designing or developing enterprise-wide applications, departmental applications, portals, or any line of business application, then this book is for you. Many applications have a similar set of features, and this book builds an application with some of the most common features of enterprise applications. Let's face it: Every application has the same general set of features, but implemented in a different way. A database sits in the back end and you, as the developer, are responsible for enabling users to add, update, select, and delete records. If only it were that simple, no? The real development work starts when you sit with users and try to understand the business process and why they need a new or improved system in the first place. A lot of companies have departments that use Excel and Access wizards to create small systems that

eventually become a lifeline for some part of the business. Usually something bad happens because of the nature of the tool they are using. Senior-level management is called in, project managers are hired, programmers are contracted, and the Project Management Office (PMO) is called to save the world. Suddenly this loosely defined process is high priority and people want documented standard operating procedures, audit reports, more productivity, less people, and of course a system that can do it all, which is where you come in. When you think about it, it's a pretty daunting task. You're expected to become an expert in someone else's business process, flaws and all, and create a system that the company will rely on as the backbone for their existence. OK, maybe I'm exaggerating just a little bit, but when you go looking for that raise you might want to phrase it that way. This book will give you the tools necessary to build a framework that can be extended to create a solution to solve your

company's problems. The design pattern uses the normal three layers, the user interface (UI), the business logic layer (BLL), and the data access layer (DAL), but also builds the classes in each layer that encapsulate common business rules such as role-based security, workflow, reporting, dynamic menus, data entry, dynamic querying, notifications, exception handling, and auditing. As the book guides you through the complete solution, each business requirement is thoroughly examined and some of the latest enhancements in ASP.NET 3.5 and Visual Studio 2008 are used to implement them in a reusable framework. Enterprise applications are typically complex, and the teams that build enterprise applications come in all shapes and sizes. Some of the roles include a project sponsor, a project manager, business analysts, an architect, UI developers, middle-tier developers, database developers, and, if you're really lucky, testers. Just a side note: Users are not testers. If you ever have the pleasure of working with

professional testers, you'll realize how important they are in the process, and how they truly are "quality" assurance engineers. Unfortunately, a lot of companies aren't willing to invest in professional testers, so the users and/or developers end up assuming that role. This book is mainly focused on the architect and developers, but testers may find it valuable as well to help them understand the plumbing that goes into developing and architecting an enterprise application. This book is for the intermediate to senior level developer or system architect. It would be helpful if you have experience with Visual Studio, the .NET Framework, ASP.NET, and C# because that is what the samples are written in, but the design pattern could be used in any language. The book is focused on enterprise applications, but the pattern could be used for any type of application that has a web front end and connects to a database. The application framework built in this book provides a foundation that can be extended

to meet the specific business needs of your organization. The sample application in this book is built using Visual Studio 2008, ASP.NET 3.5, C#, and SQL Server 2005. Each chapter goes into great detail, with plenty of code samples, and uses some of the new features in Visual Studio 2008 and the language enhancements in the .NET Framework 3.5. The solution includes examples for technologies such as LINQ to SQL, master pages, custom controls, GridViews, business objects, data objects, and Crystal Reports. Some of the language enhancements discussed include LINQ, extension methods, partial methods, automatic properties, anonymous types, lambda expressions, and object initializers. Of course, I realize that the code is what most developers are interested in, and each chapter provides numerous examples. The Problem Design Solution series is just that. Each chapter has three sections with a description of the problem to be addressed, the design considerations for choosing a solution for

the problem, and the solution that ultimately addresses the problem. The solution includes the bulk of the code. Each chapter builds upon the previous chapter, and it is recommended that you read them in order. The base classes that are described in the first few chapters are critical to an understanding of the rest of the book. Later chapters build upon the base classes and extend their functionality in all three layers of the application.

InfoWorld - 1994-05-16

InfoWorld is targeted to Senior IT professionals. Content is segmented into Channels and Topic Centers. InfoWorld also celebrates people, companies, and projects.

InfoWorld - 1997-02-10

InfoWorld is targeted to Senior IT professionals. Content is segmented into Channels and Topic Centers. InfoWorld also celebrates people, companies, and projects.

Official Gazette of the United States Patent and Trademark Office - 2000

Crystal Reports XI Official Guide - Neil Fitzgerald 2006-11-01

The authorized guide to the latest edition of the #1 business intelligence software product - Crystal Reports. More than 16 million licenses of Crystal Reports have been shipped to date. This book is a reference designed to provide hands-on guidance for the latest release of the product suite. The latest version of Crystal Reports and the Business Objects enterprise reporting suite delivers vast product enhancements and a tighter integration that will drive upgrades from licensees. Brand new features (e.g. Dynamic and Cascading Parameter Generation) will also appeal to new audiences. Over 1 million new Business Intelligence licensees will be migrating to the Crystal Enterprise Reporting platform, as this is the first release of the software with the existing Business Objects (BO) products being integrated into the Crystal infrastructure. As Business Objects insiders, the authors bring unique and valuable real-world perspectives on

implementations and uses of the Crystal Reports product. The book also includes content, tutorials and samples for reporting within the Microsoft Visual Studio.NET and J2EE development environments and also on top of the SAP Business Information Warehouse (BW) and the Peoplesoft platform. Advanced content on report distribution and integration into the secured managed reporting solution known as Business Objects Enterprise XI, is also now included in this definitive user guide with coverage on the new Web Services SDK.

SQL Server MVP Deep Dives, Volume 2 - Paul S. Randal 2011-10-12

Summary SQL Server MVP Deep Dives, Volume 2 is a unique book that lets you learn from the best in the business - 64 SQL Server MVPs offer completely new content in this second volume on topics ranging from testing and policy management to integration services, reporting, and performance optimization techniques...and more. About this Book To become an MVP

requires deep knowledge and impressive skill. Together, the 64 MVPs who wrote this book bring about 1,000 years of experience in SQL Server administration, development, training, and design. This incredible book captures their expertise and passion in 60 concise, hand-picked chapters and offers valuable insights for readers of all levels. SQL Server MVP Deep Dives, Volume 2 picks up where the first volume leaves off, with completely new content on topics ranging from testing and policy management to integration services, reporting, and performance optimization. The chapters fall into five parts: Architecture and Design, Database Administration, Database Development, Performance Tuning and Optimization, and Business Intelligence. Purchase of the print book comes with an offer of a free PDF, ePub, and Kindle eBook from Manning. Also available is all code from the book. What's Inside Discovering servers with PowerShell Using regular expressions in SSMS Tuning the Transaction Log

for OLTP Optimizing SSIS for dimensional data
Real-time BI and much more Manning
Publications and the authors of this book
support the children of Operation Smile, an
international children's medical charity that
performs free reconstructive surgery for
children suffering from facial deformities such
as cleft lips and cleft palates by mobilizing
medical volunteers who provide education and
training programs to local doctors on the latest
surgical techniques.

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MDX Cube Reporting Guide for

MicroStrategy 9.2.1m - MicroStrategy Product
Manuals 2011-12-20

PC Mag - 1995-06-13

PCMag.com is a leading authority on technology,
delivering Labs-based, independent reviews of
the latest products and services. Our expert
industry analysis and practical solutions help
you make better buying decisions and get more
from technology.

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 an array 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 constructs 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 ObjectQuerys, and deferred or eager loading of associated entities, including ordering and filtering the associated entities. Also covers instructions for composing QueryBuilder methods for ObjectQuerys, LINQ to Entities queries, and parameterizing ObjectQuerys. "Updating Entities and Complex Types," shows you how to perform create, update, and delete (CRUD) 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.

Informationweek - 2003

Bioinformatics - Stanley I. Letovsky 2006-06-01
Bioinformatics brings computational methods to the analysis and processing of genomic data. Bioinformatics: Databases and Systems focuses on the issues of system building and data curation that dominate the day-to-day concerns of bioinformatics practitioners. Included are chapters by many of today's leading bioinformatics practitioners, describing most of the current paradigms of system building and curation, including both their strengths and weaknesses. Biological topics covered include sequence databases, metabolic pathways, phenotypes, variety collections, gene expression atlases and neuroinformatics. Species range from bacteria to mammals to plants. Software systems and technologies covered include OPM,

CORBA, SRS, KLEISLI, ACEDB, Web-based integration and laboratory workflow.

Bioinformatics: Databases and Systems provides a valuable introduction for newcomers to the field, and a useful reference for veterans.

Networks and Systems Management - Iosif G. Ghetie 1997-03-31

The deployment of communications networks and distributed computing systems requires the use of open, standards-based, integrated management systems. During the last five years, the overall industry effort to develop, enhance, and integrate management systems has crystallized in the concept of management platforms. Management platforms are software systems which provide open, multi vendor, multiprotocol distributed management services. They allow multiple management applications to run over core platform services which constitute the essential part of the management platform framework. This book provides a comprehensive analysis of the features and technical character

istics of distributed management platforms by examining both qualitative and quantitative management capabilities required by each management platform service. The analysis covers the management platform run-time environment, the operational aspects of using management platforms, the development environment, which consists of software toolkits that are used to build management applications, the implementation environment, which deals with testing interoperability aspects of using management platforms, and of course the distributed applications services which platforms make available to management applications. Finally, the analysis covers the capabilities of several management applications, either generic or specific to devices or resources which run on top of management platforms. *Web Services: Concepts, Methodologies, Tools, and Applications* - Management Association, Information Resources 2018-12-07
Web service technologies are redefining the way

that large and small companies are doing business and exchanging information. Due to the critical need for furthering automation, engagement, and efficiency, systems and workflows are becoming increasingly more web-based. *Web Services: Concepts, Methodologies, Tools, and Applications* is an innovative reference source that examines relevant theoretical frameworks, current practice guidelines, industry standards and standardization, and the latest empirical research findings in web services. Highlighting a range of topics such as cloud computing, quality of service, and semantic web, this multi-volume book is designed for computer engineers, IT specialists, software designers, professionals, researchers, and upper-level students interested in web services architecture, frameworks, and security.

System Administration Guide for MicroStrategy 9.2.1m - MicroStrategy Product Manuals 2011-12-20

JUnit Recipes - Scott Stirling 2004-06-30

When testing becomes a developer's habit good things tend to happen--good productivity, good code, and good job satisfaction. If you want some of that, there's no better way to start your testing habit, nor to continue feeding it, than with "" JUnit Recipes, "" In this book you will find one hundred and thirty-seven solutions to a range of problems, from simple to complex, selected for you by an experienced developer and master tester. Each recipe follows the same organization giving you the problem and its background before discussing your options in solving it. JUnit - the unit testing framework for Java - is simple to use, but some code can be tricky to test. When you're facing such code you will be glad to have this book. It is a how-to reference full of practical advice on all issues of testing, from how to name your test case classes to how to test complicated J2EE applications. Its valuable advice includes side matters that can have a big payoff, like how to organize your test

data or how to manage expensive test resources. What's Inside: - Getting started with JUnit - Recipes for: servlets JSPs EJBs Database code much more - Difficult-to-test designs, and how to fix them - How testing saves time - Choose a JUnit extension: HTMLUnit XMLUnit ServletUnit EasyMock and more!

Database and Expert Systems Applications - Abdelkader Hameurlain 2011-08-19

This book constitutes the refereed proceedings of the 22 International Conference on Database and Expert Systems Applications, DEXA 2011, held in Toulouse, France, August 29 - September 2, 2011. The 52 revised full papers and 40 short papers presented were carefully reviewed and selected from 207 submissions. The papers are organized in topical sections on query processing; database semantics; skyline queries; security and privacy; spatial and temporal data; semantic web search; storage and search; web search; data integration, transactions and optimization; and web applications.

Pro Crystal Enterprise / BusinessObjects XI Programming - Carl Ganz 2007-04-30

Pro Crystal Enterprise/BusinessObjects XI Programming shows you how to create customized solutions using the Business Objects/Crystal Enterprise object model. Here you'll see the object model utilized to create professional-quality tools like on-demand web services, report metadata extraction, scheduling, security, and user management. Author Carl Ganz explains in detail how to build advanced reporting solutions for Crystal Enterprise/Business Objects XI. He shows how to integrate CE/BO XI with .NET 2.0 and Visual Studio to create more flexible, tailored, and responsive reporting solutions than have previously been possible. In short, you'll surpass what you thought you could achieve, and learn to create almost any imaginable reporting solution that Business Objects XI can handle.

Modernizing Legacy Systems - Robert C. Seacord 2003

Most organizations rely on complex enterprise information systems (EISs) to codify their business practices and collect, process, and analyze business data. These EISs are large, heterogeneous, distributed, constantly evolving, dynamic, long-lived, and mission critical. In other words, they are a complicated system of systems. As features are added to an EIS, new technologies and components are selected and integrated. In many ways, these information systems are to an enterprise what a brain is to the higher species--a complex, poorly understood mass upon which the organism relies for its very existence. To optimize business value, these large, complex systems must be modernized--but where does one begin? This book uses an extensive real-world case study (based on the modernization of a thirty year old retail system) to show how modernizing legacy systems can deliver significant business value to any organization.

[Beginning ASP.NET 2.0 and Databases](#) - John

Kauffman 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

Dimensional Modeling: In a Business

Intelligence Environment - Chuck Ballard

2012-07-31
In this IBM Redbooks publication we describe and demonstrate dimensional data modeling techniques and technology, specifically focused

on business intelligence and data warehousing. It is to help the reader understand how to design, maintain, and use a dimensional model for data warehousing that can provide the data access and performance required for business intelligence. Business intelligence is comprised of a data warehousing infrastructure, and a query, analysis, and reporting environment. Here we focus on the data warehousing infrastructure. But only a specific element of it, the data model - which we consider the base building block of the data warehouse. Or, more precisely, the topic of data modeling and its impact on the business and business applications. The objective is not to provide a treatise on dimensional modeling techniques, but to focus at a more practical level. There is technical content for designing and maintaining such an environment, but also business content. For example, we use case studies to demonstrate how dimensional modeling can impact the business intelligence requirements for your

business initiatives. In addition, we provide a detailed discussion on the query aspects of BI and data modeling. For example, we discuss query optimization and how you can determine performance of the data model prior to implementation. You need a solid base for your

data warehousing infrastructure a solid data model.

**MDX Cube Reporting Guide for
MicroStrategy 9.3** - MicroStrategy Product
Manuals 2012-09-30