

Linq Insight

Troy Magennis

Professional LINQ Scott Klein,2008-01-22 Professional LINQ introduces experienced programmers and database developers to LINQ database queries in their native VB and C# languages. Some of the topics covered include: LINQ Queries LINQ and the Standard Query Operators Programming with XQuery Querying XML with XQuery Mixing XML and other data models DML and Queries LINQ over datasets Interoperating with ADO.NET LINQ and ASP.NET

Insight Guides Pocket Las Vegas (Travel Guide eBook) Insight Guides,2016-03-01 Insight Guides: Inspiring your next adventure Spectacular, escapist and surreal, there is no other city on earth like Las Vegas. Be inspired to visit by the brand new Insight Pocket Guide Las Vegas, a concise, full-colour guide to this desert metropolis that combines lively text with vivid photography to highlight the best that Las Vegas has to offer. Inside Insight Pocket Guide Las Vegas: Where To Go details all the key sights in and around the city, from mega resorts on The Strip to the Grand Canyon, while handy maps on the cover flaps help you find your way around, and are cross-referenced to the text. Top 10 Attractions gives a run-down of the best sights to take in on your trip, including The Fremont Street Experience, the Luxor, the Big Shot and the Hoover Dam. A Perfect Day in Las Vegas provides an itinerary for one day in the city. What To Do gives you the lowdown on the most popular games, the best entertainment shows, and the city's nightlife, sports and other activities. Essential information the origins of the city and the infamous figures associated with it. Eating Out covers the city's best cuisine. Curated listings of the best hotels and restaurants. A-Z of all the practical information you'll need. About Insight Guides: Insight Guides has over 40 years' experience of publishing high-quality, visual travel guides. We produce around 400 full-color print guide books and maps as well as picture-packed eBooks to meet different travelers' needs. Insight Guides' unique combination of beautiful travel photography and focus on history and culture together create a unique visual reference and planning tool to inspire your next adventure. 'Insight Guides has spawned many imitators but is still the best of its type.' - Wanderlust Magazine

Thinking in LINQ Sudipta Mukherjee,2014-12-03 LINQ represents a paradigm shift for developers used to an imperative/object oriented programming style, because LINQ draws on functional programming principles. Thinking in LINQ addresses the differences between these two by providing a set of succinct recipes arranged in several groups, including: Basic and extended LINQ operators Text processing Loop refactoring Monitoring code health Reactive Extensions (Rx.NET) Building domain-specific languages Using the familiar recipes approach, Thinking in LINQ shows you how to approach building LINQ-based solutions, how such solutions are different from what you already know, and why they're better. The recipes cover a wide range of real-world problems, from using LINQ to replace existing loops, to writing your own Swype-like keyboard entry routines, to finding duplicate files on your hard drive. The goal of these recipes is to get you thinking in LINQ, so you can use the techniques in your own code to write more efficient and concise data-intensive applications.

Insight Guides Explore Las Vegas (Travel Guide eBook) Insight Guides,2017-01-01 Las Vegas is a vibrant, bustling city that attracts visitors from all over the globe. Famed of course for its 24-hour casinos and lively entertainment, there's more to Las Vegas than meets the eye. Insight Guide Explore Las Vegas is a brand new title and is the ideal pocket companion for your trip: a full-colour guide containing a selection of routes designed to get to know the real Las Vegas. Inside Explore Las Vegas: ♦ Discover the lively nightlife and bustling strip, lined with 24-hour casinos and bars. ♦ Experience the vast Nevada Desert in all its glory. ♦ Insight's trademark cultural coverage sets the routes in context, the story behind Las Vegas, including information on cuisine, entertainment and key historical dates. ♦ Our recommended places to eat and drink are highlighted in each route, with even more suggestions in the directory section, which also contains a wealth of useful practical information, including a range of carefully selected accommodation to suit all budgets and tastes. ♦ Pull-out map with useful plotted routes. ♦ Evocative photography that captures Las Vegas's colourful cityscape. About Insight Guides: Insight Guides has over 40 years' experience of publishing high-quality, visual travel guides. We produce around 400 full-colour print guide books and maps as well as picture-packed eBooks to meet different travellers' needs. Insight Guides' unique combination of beautiful travel photography and focus on history and culture together create a unique visual reference and planning tool to inspire your next adventure. 'Insight Guides has spawned many imitators but is still the best of its type.' - Wanderlust Magazine

Essential LINQ Charlie Calvert,Dinesh Kulkarni,2009-03-12 “Charlie and Dinesh bring important skills to this project that enable them to show how LINQ works and the practical ways you can use it in your daily development process.” From the Foreword by Anders Hejlsberg LINQ is one of Microsoft’s most exciting, powerful new development technologies. Essential LINQ is the first LINQ book written by leading members of Microsoft’s LINQ and C# teams. Writing for architects, developers, and development managers, these Microsoft insiders share their intimate understanding of LINQ, revealing new patterns and best practices for getting the most out of it. Calvert and Kulkarni begin by clearly explaining how LINQ resolves the long-time “impedance mismatch” between object-oriented code and relational databases. Next, they show how LINQ integrates querying into C# as a “first-class citizen.” Using realistic code examples, they show how LINQ provides a strongly typed, IntelliSense-aware technology for working with data from any source, including SQL databases, XML files, and generic data structures. Calvert and Kulkarni carefully explain LINQ’s transformative, composable, and declarative capabilities. By fully illuminating these three concepts, the authors allow developers to discover LINQ’s full power. In addition to covering core concepts and hands-on LINQ development in C# with LINQ to Objects, LINQ to XML, LINQ to SQL, and LINQ to Entities, they also present advanced topics and new LINQ implementations developed by the LINQ community. This book • Explains the entire lifecycle of a LINQ project: design, development, debugging, and much more • Teaches LINQ from both a practical and theoretical perspective • Leverages C# language features that simplify LINQ development • Offers developers powerful LINQ query expressions to perform virtually any data-related task • Teaches how to query SQL databases for objects and how to modify those objects • Demonstrates effective use stored procedures and database functions with LINQ • Shows how to add business logic that reflects the specific requirements of your organization • Teaches developers to create, query, and transform XML data with LINQ • Shows how to transform object, relational, and XML data between each other • Offers best patterns and practices for writing robust, easy-to-maintain LINQ code

LINQ to Objects Using C# 4.0 Troy Magennis,2010-03-02 Your Complete Example-Rich Guide to Using and Extending LINQ to Objects and PLINQ Using LINQ to Objects, .NET developers can write queries over object collections with the same deep functionality that was once available only with SQL and relational databases. Now, for the first time, developers have a comprehensive and authoritative guide to applying LINQ to Objects in real-world software. Microsoft MVP Troy Magennis introduces state-of-the-art techniques for working with in-memory collections more elegantly and efficiently—and writing code that is exceptionally powerful, robust, and flexible. Drawing on his unsurpassed experience coding software using LINQ and hosting the popular HookedOnLINQ.com site, Magennis presents timely, realistic solutions to a wide spectrum of development challenges, such as combining data from multiple sources, and achieving optimal performance with extremely large sets of data. You’ll begin with brief quick-starts that walk you through LINQ to Objects’ key features and query syntax. Next, you’ll drill down to detailed techniques for applying and extending these features with C# 4.0 and C# 3.0—including code examples that reflect the realities of production development. Coverage includes Writing basic LINQ queries with C#: filtering, projecting,

and sorting data from in-memory collections Mastering advanced techniques for grouping and joining data and understanding the performance implications of each technique Taking full advantage of LINQ's standard query operators Creating custom query operators that follow best practices for coding patterns and error handling Writing more fluent, readable LINQ queries with C# 4.0's language enhancements, including the new dynamic features Combining LINQ with COM-Interop to access data sources such as Microsoft Excel Using Parallel LINQ to Objects (PLINQ) to optimize queries for multi-core processors, and how to build custom parallel query operators Integrating the best LINQ to Objects patterns into your day-to-day coding

LINQ: The Future of Data Access in C# 3.0 Joe Hummel,2006-10-26 Language Integrated Query (LINQ) is Microsoft's new technology for powerful, general purpose data access. This technology provides a fully-integrated query language, available in both C# 3.0 and VB 9.0, for high-level data access against objects, relational databases, and XML documents. In this Short Cut you'll learn about LINQ and the proposed C# 3.0 extensions that support it. You'll also see how you can use LINQ and C# to accomplish a variety of tasks, from querying objects to accessing relational data and XML. Best of all, you'll be able to test the examples and run your own code using the latest LINQ CTP, available free from Microsoft. This Short Cut includes a complete reference to the standard LINQ query operators.

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 a arrays of a few integers or last names. Working with Advanced Query Operators and Expressions, introduces LINQ queries against object graphs with entities that have related (associated) entities. This begins with examples of aggregate operators, explains use of the Let temporary local variable operator, shows you how to use Group By with aggregate queries, conduct the equivalent of left outer joins, and take advantage of the Contains() SQO to emulate SQL's IN() function. You learn how to compile queries for improved performance, and create mock object classes for testing without the overhead of queries against relational persistence stores. Using LINQ to SQL and the LinqDataSource, introduces LINQ to SQL as Microsoft's first O/RM tool to reach released products status and shows you how to autogenerate class files for entity types with the graphical O/R Designer or command-line SqlMetal.exe. This also explains how to edit *.dbml mapping files in the Designer or XML Editor, instantiate DataContext objects, and use LINQ to SQL as a Data Access Layer (DAL) with T-SQL queries or stored procedures. Closes with a tutorial for using the ASP.NET LinqDataSource control with Web sites or applications. Querying DataTables with LINQ to DataSets, begins with a comparison of DataSet and DataContext objects and features, followed by a description of the DataSetExtensions. Next comes querying untyped and typed DataSets, creating lookup lists, and generating LinqDataViews for databinding with the AsDataView() method. This ends with a tutorial that shows you how to copy LINQ query results to DataTables. Manipulating Documents with LINQ to XML, describes one of LINQ most powerful capabilities: managing XML Infosets. This demonstrates that LINQ to XML has query and navigation capabilities that equal or surpasses XQuery 1.0 and XPath 2.0. It also shows LINQ to XML document transformation can replace XQuery and XSLT 1.0+ in the majority of common use cases. You learn how to use VB 9.0's XML literals to 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 theObjectContext, 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 key words 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 (CUD) operations on EntitySets and manage optimistic concurrency conflicts. It starts with a detailed description of the ObjectContext.ObjectStateManager and its child objects, which perform object identification and change tracking operations with EntityKeys. This also covers validation of create and update operations, optimizing the DataContext lifetime, performing updates with stored procedures, and working with complex types. Binding Data Controls to the ObjectContext, describes creating design-time data sources from ObjectContext.EntitySet instances, drag-and-drop addition of BindingNavigator, BindingSource, bound TextBox, and DataGridView controls to Windows forms. You also learn how to update EntityReference and EntitySet values with ComboBox columns in DataGridView controls. (You can't update EntitySet values directly; you must delete and add a new member having the required value). This concludes with a demonstration of the use of the ASP.NET EntityDataSource control bound to GridView and DropDownList controls. Using the Entity Framework As a Data Source, concentrates on using EF as a data source for the ADO.NET Data Services Framework (the former codename Project Astoria remains in common use), which is the preferred method for deploying EF v1 as a Web service provider. (EF v2 is expected to be able to support n-tier data access with Windows Communication Foundation [WCF] directly). A Windows form example uses Astoria's .NET 3.5 Client Library to display and update entity instances with the Atom Publication (AtomPub or APP) wire format. The Web form project uses the AJAX Client Library and JavaScript Object Notation (JSON) as the wire format.

[SEC Filings Insight](#) ,1999

Silverlight 4 Business Intelligence Software Bart Czernicki,2011-01-27 Business intelligence (BI) software allows you to view different components of a business using a single visual platform, which makes comprehending mountains of data easier. BI is everywhere. Applications that include reports, analytics, statistics, and historical and predictive modeling are all examples of business intelligence. Currently, we are in the second generation of business intelligence software—called BI 2.0—which is focused on writing business intelligence software that is predictive, adaptive, simple, and interactive. As computers and software have evolved, more data can be presented to end users with increasingly visually rich techniques. Rich Internet application (RIA) technologies such as Microsoft Silverlight can be used to transform traditional user-interfaces filled with boring data into fully interactive analytical applications that quickly deliver insight from large data sets. Furthermore, RIAs now include 3D spatial-design capabilities that move beyond a simple list or grid and allow for interesting layouts of aggregated data. BI 2.0 implemented via an RIA technology can truly bring out the power of business intelligence and deliver it to an average user on the Web. Silverlight 4 Business Intelligence Software provides developers, designers, and architects with a solid foundation in business intelligence design and architecture concepts for Microsoft Silverlight. This book covers key business intelligence design concepts and how they can be applied without an existing BI infrastructure. Author Bart Czernicki provides you with examples of how to build small BI applications that are interactive, highly visual, statistical, predictive—and most importantly—intuitive to the end-user. Business intelligence isn't just for the executive branch of a Fortune 500 company—it is for the masses. Let Silverlight 4 Business Intelligence Software show you how to unlock the rich intelligence you already have.

[Next-Generation Business Intelligence Software with Silverlight 3](#) Bart Czernicki,2011-02-02 Business intelligence (BI) software is the code and tools that allow you to view different components of a business using a single visual platform, making comprehending mountains of data easier. Applications that include reports, analytics, statistics, and historical and predictive modeling are all examples of BI applications. Currently, we are in the second generation of BI software, called BI 2.0. This generation is focused on writing BI software that is predictive, adaptive, simple, and interactive. As computers and software have evolved, more data can be presented to end users with increasingly visually rich techniques. Rich Internet application (RIA) technologies such as Microsoft Silverlight can be used to transform traditional user interfaces filled with boring data into fully interactive analytical applications to deliver insight from large data sets quickly. Furthermore, RIAs include 3D spatial design capabilities that allow for interesting layouts of aggregated data beyond a simple list or grid. BI 2.0 implemented via RIA technology can truly bring out the power of BI and deliver it to an average user via the Web. Next-Generation Business Intelligence Software with Rich Internet Applications provides developers, designers, and architects a solid foundation of BI design and architecture concepts with Microsoft Silverlight. This book covers key BI design concepts and how they can be applied without requiring an existing BI infrastructure. The author, Bart Czernicki, will show you how to build small BI applications by example that are interactive, highly visual, statistical, predictive, and most importantly, intuitive to the user. BI isn't just for the executive branch of a Fortune 500 company; it is for the masses. Let Next-Generation Business Intelligence Software with Rich Internet Applications show you how to unlock the rich intelligence you already have.

LINQ For Dummies John Paul Mueller,2009-02-25 If you've asked yourself "Why can't I develop database and XML queries in a language I already know?", then Language INtegrated Query, or LINQ, is for you. LINQ For Dummies introduces you to LINQ and the .NET Framework technologies, so you can use LINQ to query any object, any data set, any kind of XML, and SQL Server—no questions asked. This plain-English guide gives you a thorough overview of LINQ, from understanding the tasks it performs to making LINQ work with both Visual Basic and Visual Studio 2005. It explains the four LINQ providers in the .NET Framework, the easiest ways to go about accessing

data, and how to write more efficient applications with less code using LINQ. There's also clear guidance on combining third-party providers with LINQ to create even more powerful apps. With this single, comprehensive guide, you'll discover how to: Use one query language with all Microsoft languages Examine .NET language extensions and work with extension methods, partial methods, lambda expressions, and query expressions LINQ to DataSet operators, SQL server operations, XML API, or Active Directory Deal with databases — download and install the Northwind database, generate Northwind entity classes, and create the Northwind XML mapping file Create the partial class example, the partial method example, and the database modification example Use objects with LINQ Query databases in Visual Basic and C# As an added bonus, you can visit the companion Web site for LINQ examples in C# and Visual Basic. With LINQ For Dummies, you'll link up with LINQ in no time and see how you can query almost anything! Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

LINQ, 1993

Beginning ASP.NET 4.5 Databases Sandeep Chanda,Damien Foggon,2013-05-13 Beginning ASP.NET 4.5 Databases introduces you to the world of building data-driven Web sites using ASP.NET, ADO.NET and the Entity Framework using C#. Since ASP.NET developers need to access databases quickly and efficiently, this book teaches the best practices and methods to help developers achieve professional ASP.NET and database solutions. Beginning ASP.NET 4.5 Databases is a comprehensive introduction on how you can connect a Web site to many different data sources — not just databases — and use the data to create dynamic page content. It also shows you how to build a relational database, use SQL to communicate with it, and understand how they differ from each other. With in-depth, on-target coverage of the new data access features of .NET Framework 4.5, this book is your guide to using ASP.NET to build responsive, easy-to-update data-driven Web sites.

Insight Guides: Hong Kong City Guide Insight Guides,2014-11-07 With its fabled urban landscape and vibrant Chinese culture, Hong Kong is one of the world's most exciting cities. Whether you want to take a bay cruise on the Star Ferry, eat and shop your way around Kowloon or find peace at an atmospheric temple, Insight City Guide Hong Kong will make sure you have the quintessential Hong Kong experience. Features by local writers delve into topics including the city's dim sum tradition, Chinese medicine and the local love of horse racing, while evocative accounts of Hong Kong's districts bring the city to life, from the dramatic vistas of the Peak to the shops and bars of lively Wan Chai and Causeway Bay, and the beaches and monasteries of the outlying territories and islands. Full-colour photography and maps help you navigate with ease, while the detailed Travel Tips directory gives you all the practical information and travel advice you need when planning what to do on your trip, including selective listings for hotel and restaurants. Whether you are new to the city or a repeat visitor, Insight City Guide Hong Kong will help you discover the very best of this fantastic destination.

Systems of Insight Overview Hector H. Diaz Lopez,IBM Redbooks,2015-11-17 Decision making is a critical function in any enterprise. The decision-making process that is enhanced by analytics can be described as consuming and collecting data, detecting relationships and patterns, applying sophisticated analysis techniques, reporting, and automation of the follow-on action. The IT system that supports decision making is composed of the traditional systems of record, systems of engagement, and the systems of insight. This IBM® Redbooks® Solution Guide introduces the concept of systems of insight based on what is detailed in the IBM Redbooks publication Systems of Insight for Digital Transformation, SG24-8293, found at: <http://www.redbooks.ibm.com/redpieces/abstracts/sg248293.html?Open>

LINQ in Action Steve Eichert,James B. Wooley,Fabrice Marguerie,2008-01-31 LLINQ, Language INtegrated Query, is a new extension to the Visual Basic and C# programming languages designed to simplify data queries and database interaction. It addresses O/R mapping issues by making query operations like SQL statements part of the programming language. It also offers built-in support for querying in-memory collections like arrays or lists, XML, DataSets, and relational databases. LINQ in Action is a fast-paced, comprehensive tutorial for professional developers. This book explores what can be done with LINQ, shows how it works in an application, and addresses the emerging best practices. It presents the general purpose query facilities offered by LINQ in the upcoming C# 3.0 and VB.NET 9.0 languages. A running example introduces basic LINQ concepts. You'll then learn to query unstructured data using LINQ to XML and relational data with LINQ to SQL. Finally, you'll see how to extend LINQ for custom applications. LINQ in Action will guide you along as you explore this new world of lambda expressions, query operators, and expression trees. As well, you'll explore the new features of C# 3.0, VB.NET 9.0. The book is very practical, anchoring each new idea with running code. Whether you want to use LINQ to query objects, XML documents, or relational databases, you will find all the information you need to get started But LINQ in Action does not stop at the basic code. This book also shows you how LINQ can be used for advanced processing of data, including coverage of LINQ's extensibility, which allows querying more data sources than those supported by default. All code samples are built on a concrete business case. The running example, LinqBooks, is a personal book cataloging system that shows you how to create LINQ applications with Visual Studio 2008. 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.

Professional LINQ Scott Klein,2008-02-13 Professional LINQ introduces experienced programmers and database developers to LINQ database queries in their native VB and C# languages. Some of the topics covered include: LINQ Queries LINQ and the Standard Query Operators Programming with XLinQ Querying XML with XLinQ Mixing XML and other data models DLinQ and Queries LINQ over datasets Interoperating with ADO.NET LINQ and ASP.NET

High-Performance Programming in C# and .NET Jason Alls,2022-07-29 Enhance your applications' performance using best practices for benchmarking, application profiling, asynchronous programming, designing responsive UIs, gRPC communication, and distributed applications Key Features • Make the best use of performance enhancements in C# 10.0 and .NET 6 • Boost application performance by identifying hardware bottlenecks and common performance pitfalls • Get to grips with best practices and techniques for improving the scalability of distributed systems Book Description Writing high-performance code while building an application is crucial, and over the years, Microsoft has focused on delivering various performance-related improvements within the .NET ecosystem. This book will help you understand the aspects involved in designing responsive, resilient, and high-performance applications with the new version of C# and .NET. You will start by understanding the foundation of high-performance code and the latest performance-related improvements in C# 10.0 and .NET 6. Next, you'll learn how to use tracing and diagnostics to track down performance issues and the cause of memory leaks. The chapters that follow then show you how to enhance the performance of your networked applications and various ways to improve directory tasks, file tasks, and more. Later, you'll go on to improve data querying performance and write responsive user interfaces. You'll also discover how you can use cloud providers such as Microsoft Azure to build scalable distributed solutions. Finally, you'll explore various ways to process code synchronously, asynchronously, and in parallel to reduce the time it takes to process a series of tasks. By the end of this C# programming book, you'll have the confidence you need to build highly resilient, high-performance applications that meet your customer's demands. What you will learn • Use correct types and collections to enhance application performance • Profile, benchmark, and identify performance issues with the codebase • Explore how to best perform queries on LINQ to improve an application's performance • Effectively utilize a number of CPUs and cores through asynchronous programming • Build

responsive user interfaces with WinForms, WPF, MAUI, and WinUI • Benchmark ADO.NET, Entity Framework Core, and Dapper for data access • Implement CQRS and event sourcing and build and deploy microservices Who this book is for This book is for software engineers, professional software developers, performance engineers, and application profilers looking to improve the speed of their code or take their skills to the next level to gain a competitive advantage. You should be a proficient C# programmer who can already put the language to good use and is also comfortable using Microsoft Visual Studio 2022.

Informatics Engineering and Information Science Azizah Abd Manaf,Akram Zeki,Mazdak Zamani,Suriayati Chuprat,Eyas El-Qawasmeh,2011-11-10 This 4-Volume-Set, CCIS 0251 - CCIS 0254, constitutes the refereed proceedings of the International Conference on Informatics Engineering and Information Science, ICIEIS 2011, held in Kuala Lumpur, Malaysia, in November 2011. The 210 revised full papers presented together with invited papers in the 4 volumes were carefully reviewed and selected from numerous submissions. The papers are organized in topical sections on e-learning, information security, software engineering, image processing, algorithms, artificial intelligence and soft computing, e-commerce, data mining, neural networks, social networks, grid computing, biometric technologies, networks, distributed and parallel computing, wireless networks, information and data management, web applications and software systems, multimedia, ad hoc networks, mobile computing, as well as miscellaneous topics in digital information and communications.

The Enigmatic Realm of **Linq Insight**: Unleashing the Language is Inner Magic

In a fast-paced digital era where connections and knowledge intertwine, the enigmatic realm of language reveals its inherent magic. Its capacity to stir emotions, ignite contemplation, and catalyze profound transformations is nothing short of extraordinary. Within the captivating pages of **Linq Insight** a literary masterpiece penned by way of a renowned author, readers attempt a transformative journey, unlocking the secrets and untapped potential embedded within each word. In this evaluation, we shall explore the book is core themes, assess its distinct writing style, and delve into its lasting affect the hearts and minds of those that partake in its reading experience.

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