

Informix Guide To Sql Tutorial

Craft the Right Design Using UML Whether building a relational, object-relational, or object-oriented database, database developers are increasingly relying on an object-oriented design approach as the best way to meet user needs and performance criteria. This book teaches you how to use the Unified Modeling Language—the official standard of the Object Management Group—to develop and implement the best possible design for your database. Inside, the author leads you step by step through the design process, from requirements analysis to schema generation. You'll learn to express stakeholder needs in UML use cases and actor diagrams, to translate UML entities into database components, and to transform the resulting design into relational, object-relational, and object-oriented schemas for all major DBMS products. Features Teaches you everything you need to know to design, build, and test databases using an OO model. Shows you how to use UML, the accepted standard for database design according to OO principles. Explains how to transform your design into a conceptual schema for relational, object-relational, and object-oriented DBMSs. Offers practical examples of design for Oracle, SQL Server, Sybase, Informix, Object Design, POET, and other database management systems. Focuses heavily on re-using design patterns for maximum productivity and teaches you how to certify completed designs for re-use.

One of the greatest strengths of the Perl programming language is its ability to manipulate large amounts of data. Database programming is therefore a natural fit for Perl, not only for business applications but also for CGI-based web and intranet applications.The primary interface for database programming in Perl is DBI. DBI is a database-independent package that provides a consistent set of routines regardless of what database product you use—Oracle, Sybase, Ingres, Informix, you name it. The design of DBI is to separate the actual database drivers (DBDs) from the programmer's API, so any DBI program can work with any database, or even with multiple databases by different vendors simultaneously.Programming the Perl DBI is coauthored by Alligator Descartes, one of the most active members of the DBI community, and by Tim Bunce, the inventor of DBI. For the uninitiated, the book explains the architecture of DBI and shows you how to write DBI-based programs. For the experienced DBI dabbler, this book reveals DBI's nuances and the peculiarities of each individual DBD.The book includes: An introduction to DBI and its design How to construct queries and bind parameters Working with database, driver, and statement handles Debugging techniques Coverage of each existing DBD A complete reference to DBI This is the definitive book for database programming in Perl.

Computing the Brain provides readers with an integrated view of current informatics research related to the field of neuroscience. This book clearly defines the new work being done in neuroinformatics and offers information on resources available on the Web to researchers using this new technology. It contains chapters that should appeal to a multidisciplinary audience with introductory chapters for the nonexpert reader. Neuroscientists will find this book an excellent introduction to informatics technologies and the use of these technologies in their research. Computer scientists will be interested in exploring how these technologies might benefit the neuroscience community. An integrated view of neuroinformatics for a multidisciplinary audience Explores and explains new work being done in neuroinformatics Cross-disciplinary with chapters for computer scientists and neuroscientists An excellent tool for graduate students coming to neuroinformatics research from diverse disciplines and for neuroscientists seeking a comprehensive introduction to the subject Discusses, in-depth, the structuring of masses of data by a variety of computational models Clearly defines computational neuroscience – the use of computational techniques and metaphors to investigate relations between neural structure and function Offers a guide to resources and algorithms that can be found on the Web Written by internationally renowned experts in the field

This IBM® Redbooks® publication describes IBM DB2® SQL compatibility features. The latest version of DB2 includes extensive native support for the PL/SQL procedural language, new data types, scalar functions, improved concurrency, built-in packages, OCI, SQLPlus, and more. These features can help with developing applications that run on both DB2 and Oracle and can help simplify the process of moving from Oracle to DB2. In addition, IBM now provides tools to simplify the enablement process, such as the highly scalable IBM Data Movement Tool for moving schema and data into DB2, and an Editor and Profiler for PL/SQL provided by the IBM Data Studio tool suite. This Oracle to DB2 migration guide describes new technology, preferred practices for moving to DB2, and common scenarios that can help you as you move from Oracle to DB2. This book is intended for IT architects and developers who are converting from Oracle to DB2. DB2 compatibility with Oracle is provided through native support. The new capabilities in DB2 that provide compatibility are implemented at the lowest and most intimate levels of the database kernel, as though they were originally engineered for DB2. means that the DB2 implementation is done without the aid of an emulation layer. This intimacy leads to the scalable implementation that DB2 offers, providing identical performance between DB2 compatibility features and DB2 other language elements. For example, DB2 runs SQL PL at the same performance as PL/SQL implementations of the same function.

SQL The Complete Reference, 3rd Edition

Master SQL Fundamentals

Informix Basics

SQL for MySQL Developers

Database Administration

Python Data Persistence

This tutorial describes the Structured Query Language (SQL) as it is implemented by Informix products. It shows how to create, manage, and use relational databases with Informix software tools. Shows how to make simple and advanced queries to fetch and display database data; how to refine and optimize queries and use the query Optimizer; how to use statements to insert, delete, or update data; how to maintain data integrity and security; how to call the database server, retrieve rows, and embed data; how to build an efficient data model, step-by-step; and how to best set up a database to work over a network. For those who use computers in their daily work, and who have access to an INFORMIX-OnLine or INFORMIX-SE data server and an Informix application development tool, such as INFORMIX-SQL, INFORMIX-4GL, or DB-Access.

More businesses and ambitious individuals are trying to bring applications to the Web but they are bewildered with the array of components and concepts needed to create a data-driven site. The cost, stability and ease of development using the Open Source PHP 4 scripting language and a MySQL database makes this combination the best choice for small and mid-size Web-based applications. PHP4/MySQL Database Applications demonstrates web-application development by presenting seven real, ready-to-use examples starting with a simple guess book and ending with a fully-functional e-commerce site with a shopping cart. Inexperienced users will learn the essentials of working with PHP4 and MySQL so they can start building and customizing database applications for the web right away!

Informix Guide to SQLTutorialPrentice Hall

The Definitive Guide to SQL Get comprehensive coverage of every aspect of SQL from three leading industry experts. Revised with coverage of the latest RDBMS software versions, this one-stop guide explains how to build, populate, and administer high-performance databases and develop robust SQL-based applications. SQL: The Complete Reference, Third Edition shows you how to work with SQL commands and statements, set up relational databases, load and modify database objects, perform powerful queries, tune performance, and implement reliable security policies. Learn how to employ DDL statements and APIs, integrate XML and Java scripts, use SQL objects, build web servers, handle remote access, and perform distributed transactions. Techniques for managing in-memory, stream, and embedded databases that run on today's mobile, handheld, and wireless devices are included in this in-depth volume. Build SQL-based relational databases and applications Create, load, and modify database objects using SQL Construct and execute simple, multitable, and summary queries Implement security measures with authentication, privileges, roles, and views Handle database optimization, backup, recovery, and replication Work with stored procedures, functions, extensions, triggers, and objects Extend functionality using APIs, dynamic SQL, and embedded SQL Explore advanced topics such as DBMS transactions, locking mechanisms, materialized views, and two-phase commit protocol Understand the latest market trends and the future of SQL

Wcf 4 0 Multi-Tier Services Development with Linq to Entities

Deployment Guide for InfoSphere Guardium

Smarter Business: Dynamic Information with IBM InfoSphere Data Replication CDC

The Practical SQL Handbook

The Definitive Guide

Challenges and Solutions

When you use Hibernate in your projects, you quickly recognize that you need to do more than just add @Entity annotations to your domain model classes. Real-world applications often require advanced mappings, complex queries, custom data types and caching. Hibernate can do all of that. You just have to know which annotations and APIs you need to use. Hibernate Tips – More than 70 solutions to common Hibernate problems shows you how to efficiently implement your persistence layer with Hibernate's basic and advanced features. Each Hibernate Tip consists of one or more code samples and an easy to follow step-by-step explanation. You can also download an example project with executable test cases for each Hibernate Tip. Throughout this book, you will get more than 70 ready-to-use solutions that show you how to: – Define standard mappings for basic attributes and entity associations. – Implement your own attribute mappings and support custom data types. – Use Hibernate's Java 8 support and other proprietary features. – Read data from the database with JPQL, Criteria API, and native SQL queries. – Call stored procedures and database functions. This book is for developers who are already working with Hibernate and who are looking for solutions for their current development tasks. It's not a book for beginners who are looking for extensive descriptions of Hibernate's general concepts. The tips are designed as self-contained recipes which provide a specific solution and can be accessed when needed. Most of them contain links to related tips which you can follow if you want to dive deeper into a topic or need a slightly different solution. There is no need to read the tips in a specific order. Feel free to read the book from cover to cover or to just pick the tips that help you in your current project.

To make better informed business decisions, better serve clients, and increase operational efficiencies, you must be aware of changes to key data as they occur. In addition, you must enable the immediate delivery of this information to the people and processes that need to act upon it. This ability to sense and respond to data changes is fundamental to dynamic warehousing, master data management, and many other key initiatives. A major challenge in providing this type of environment is determining how to tie all the independent systems together and process the immense data flow requirements. IBM® InfoSphere® Change Data Capture (InfoSphere CDC) can respond to that challenge, providing programming-free data integration, and eliminating redundant data transfer, to minimize the impact on production systems. In this IBM Redbooks® publication, we show you examples of how InfoSphere CDC can be used to implement integrated systems, to keep those systems updated immediately as changes occur, and to use your existing infrastructure and scale up as your workload grows. InfoSphere CDC can also enhance your investment in other software, such as IBM DataStage® and IBM QualityStage®, IBM InfoSphere Warehouse, and IBM InfoSphere Master Data Management Server, enabling real-time and event-driven processes. Enable the integration of your critical data and make it immediately available as your business needs it.

This IBM® Redbooks® publication addresses performance tuning topics to help leverage the virtualization strengths of the POWER® platform to solve clients' system resource utilization challenges, and maximize system throughput and capacity. We examine the performance monitoring tools, utilities, documentation, and other resources available to help technical teams provide optimized business solutions and support for applications running on IBM POWER systems' virtualized environments. The book offers application performance examples deployed on IBM Power Systems™ utilizing performance monitoring tools to leverage the comprehensive set of POWER virtualization features: Logical Partitions (LPARs), micro-partitioning, active memory sharing, workload partitions, and more. We provide a well-defined and documented performance tuning model in a POWER system virtualized environment to help you plan a foundation for scaling, capacity, and optimization . This book targets technical professionals (technical consultants, technical support staff, IT Architects, and IT Specialists) responsible for providing solutions and support on IBM POWER systems, including performance tuning.

The comprehensive, authoritative resource for Informix database design and implementation! Completely updated for Informix Dynamic Server.2000 and Informix Enterprise Decision Server Three great books, one great price! "Informix(R) Guide to SQL: Reference and Syntax, Second Edition": the complete guide and syntax reference for the Informix implementation of SQL "Informix(R) Guide to SQL: Tutorial, Second Edition": the start-to-finish SQL tutorial for development on Informix platforms "Informix(R) Guide to Designing Databases and Data Warehouses": the insider's guide to real-world database design -- detailed data models, proven step-by-step techniques, and more The total resource for Informix developers & DBAs: 3 authoritative books, direct from Informix! (1)"Informix(R) Guide to SQL: Reference and Syntax, Second Edition" The indispensable reference to the Informix implementation of SQL! "Informix Guide to SQL: Reference and Syntax, Second Edition" contains comprehensive descriptions of every SQL and Stored Procedure Language (SPL) statement, plus extensive SQL syntax coverage not included in the first edition. Detailed syntax diagrams walk you through every clause of each SQL statement, and syntax tables explain the input parameters for each clause. Coverage Includes: Building object-relational and data warehouse solutions with the Informix implementation of SQL Essential techniques for designing and using ANSI-compliant databases System catalog tables, structure, statistics, information schema views, and more Environment variables defining terminal identification, software location, and other parameters Detailed information on the structure and contents of the stores_demo, sales_demo, and superstores_demo demonstration databases (2)"Informix(R) Guide to SQL: Tutorial, Second Edition" Master the Informix implementation of SQL, start-to-finish! "Informix Guide to SQL: Tutorial, Second Edition" is the authoritative, complete tutorial for learning the Informix implementation of SQL. Starting with the simplest SELECT statements, this complete course walks you through everything you need to know to succeed with SQL. Learn how to build and optimize queries, both simple and advanced. Use SQL statements to insert, delete, or update data, while you maintain data integrity and security. Learn how to call the database server, retrieve rows, embed data, and create and implement efficient data models, step-by-step. Coverage Includes: Fundamental relational and object-relational database concepts User access and security through GRANT, REVOKE, CREATE VIEW and other SQL statements SQL programming techniques, including dynamic SQL and embedded data definition statements Data manipulation language (DML) statements Creating stored procedures with the Stored Procedure Language (SPL) (3)"Informix(R) Guide to Designing Databases and Data Warehouses" The Informix insider's guide to database and data warehouse design! "Informix Guide to Designing Databases and Data Warehouses" is the most complete, authoritative guide to database and data warehouse design, implementation, and administration with Informix Dynamic Server.2000 and Informix Enterprise Decision Server. You'll start by walking through the construction of data models that illustrate each key approach to database design. Compare ANSI and non-ANSI compliant databases, learn the fundamentals of entity-relationship modeling, and choose appropriate data types. Next, you'll learn how to use the Informix implementation of SQL to implement and manage your databases. Coverage Includes: Implementing relational data models with the CREATE DATABASE and CREATE TABLE statements, synonyms, synonym chains, and command scripts Applying fragmentation strategies for maximizing database and data warehouse performance Implementing dimensional data models—including solutions to common problems Applying indexing techniques for data warehousing environments ISBN: 0-13-017042-9

Oracle SQL*Plus

Database Integrity: Challenges and Solutions

The Informix Guide to SQL for DOS Users

Oracle to DB2 Conversion Guide: Compatibility Made Easy

Hibernate Tips

Spring Data Standard Guide

SQL: Structured Query Language.

The Official Guide to Informix/Red Brick Data Warehousing is a comprehensive tutorial and reference to Informix Red Brick Data Warehouses, perfect for Red Brick consultants, customers and those evaluating Red Brick's software for adoption. The book covers key Red Brick features necessary for building a data warehouse through its complete lifecycle, beginning with planning the project, modeling the database, building and loading the database, and maintaining the data warehouse in the future. A case study is used that you will build upon with each major area to create a sample data warehouse. Sample forms and documents are provided on the CD-ROM.

The Most Complete and Practical Guide to MySQL Version 5's Powerful SQL Dialect MySQL version 5 offers a SQL dialect with immense power. In SQL for MySQL Developers, Rick F. van der Lans helps you master this major ofSQL and take advantage of its full potential. Using case study examplesand hands-on exercises, van der Lans illuminates every key concept,technique, and statement—including advanced features that make iteasier to create even the most complex statements and programs. Drawing on decades of experience as an SQL standards team member and enterprise consultant, he reveals exactly why MySQL's dialect works as it does—and how to get the most out of it. You'll gain powerful insight into everything from basic queries to stored procedures, transactions to data security. Whether you're a programmer, Web developer, analyst, DBA, or database user, this book can take you from “apprentice” to true SQL expert. If you've used SQL in older versions of MySQL, you'll become dramatically more effective—and if you're migrating from other database platforms, you'll gain practical mastery fast.

In this IBM® Redbooks® publication, we discuss considerations, and describe a methodology, for transitioning from Microsoft® SQL Server 2008 to the Informix® Dynamic Server. We focus on the topic areas of data, applications, and administration, providing information about the differences in features and functionality, including the data types, data manipulation language, data definition language, and stored procedures. Understanding the features and functionality of the two products assists you in developing a migration plan. We provide a conversion methodology and discuss the processes for migrating the database objects and data from SQL Server to Informix using various methods. We show the SQL differences between SQL Server and Informix and illustrate, with examples, how to convert tables, views, stored procedures, functions, and triggers. We provide script conversion samples for data loading. We describe application programming and conversion considerations. In addition, we discuss the Informix configuration, as well as the administration features and functions Informix provides to help DBAs manage the Informix database server after it is migrated. With this information, you can develop your required transition methodology, and you can plan and execute the conversion activities in an orderly and cost-effective manner.

An Informix-4GL Tutorial

Inside Microsoft SQL Server 2008 T-SQL Querying

Informix Guide to SQL

Rational Application Developer V7 Programming Guide

Programming the Perl DBI

A Guide to Neuroinformatics

Delivers the know-how that novice database developers, enthusiasts, and independent software vendors need in order to use the SSE database Written in the typical nonintimidating For Dummies style, the book's emphasis is on installing SSE and using it to create simple database applications with other tools in Microsoft's Express product line Covers how to use SQL Server Express Manager, an easy-to-use management tool that comes with SSE, and the Application XCopy feature, which provides SSE with the ability to treat databases like files Addresses topics unique to SSE and not covered in standard SQL Server books, including network and security features, migrating and connecting from Access and MSDE to SSE, and migrating from SSE to the full-blown SQL Server database The CD-ROM contains SQL Server Express trial version and the Web site has the code from applications featured in the book Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

IBM® InfoSphere® Guardium® provides the simplest, most robust solution for data security and data privacy by assuring the integrity of trusted information in your data center. InfoSphere Guardium helps you reduce support costs by automating the entire compliance auditing process across heterogeneous environments. InfoSphere Guardium offers a flexible and scalable solution to support varying customer architecture requirements. This IBM Redbooks® publication provides a guide for deploying the Guardium solutions. This book also provides a roadmap process for implementing an InfoSphere Guardium solution that is based on years of experience and best practices that were collected from various Guardium experts. We describe planning, installation, configuration, monitoring, and administering an InfoSphere Guardium environment. We also describe use cases and how InfoSphere Guardium integrates with other IBM products. The guidance can help you successfully deploy and manage an IBM InfoSphere Guardium system. This book is intended for the system administrators and support staff who are responsible for deploying or supporting an InfoSphere Guardium environment.

Getting Started With Amazon Redshift is a step-by-step, practical guide to the world of Redshift. Learn to load, manage, and query data on Redshift.This book is for CIOs, enterprise architects, developers, and anyone else who needs to get familiar with RedShift. The CIO will gain an understanding of what their technical staff is working on; the technical implementation personnel will get an in-depth view of the technology, and what it will take to implement their own solutions.

A thorough reference on database administration outlines a variety of DBA roles and responsibilities and discusses such topics as data modeling and normalization, database/application design, change management, database security and data integrity, performance issues, disaster planning, and other essentials. Original. (Advanced)

The Informix Guide to SQL

Using Structured Query Language

Tutorial

Computing the Brain

Database programming with Perl

Programming Informix SQL/4GL

The world is becoming more and more instrumented, interconnected, and intelligent in what IBM® terms a smarter planet, with more and more data being collected for analysis. In trade magazines, this trend is called big data. As part of this trend, the following types of time-based information are collected: Large data centers support a corporation or provide cloud humidity, and other types of information over time to optimize energy usage. Utility meters (referred to as smart meters) allow utility companies to collect information over a wireless network and to collect more data than ever before. IBM Informix® TimeSeries is optimized for the processing of time-based data and can provide the following benefits: Storage saving of your time-based data. Informix TimeSeries often uses one third of the storage space that is required by a standard relational database. Query performance: Informix TimeSeries takes into consideration the type of data to optimize its organization on disk and eliminates the need for some large indexes and additional sorting. For these reasons and more, some query improvement compared to standard relational. Simpler queries: Informix TimeSeries includes a large set of specialized functions that allow you to better express the processing that you want to execute. It even provides a toolkit so that you can add proprietary algorithms to the library. This IBM Redbooks® publication is for people who want to implement a solution to information that you need to get started and be productive with Informix TimeSeries.

Build SOA applications on the Microsoft platform with this hands-on book and eBook guide updated for VS2010

This beginner's guide to developing applications using Informix SQL and 4GL is designed for those with some programming experience, but little to moderate experience with databases and/or Informix. It serves as a comprehensive, single-source tutorial on database design, Informix SQL, and Informix 4GL--showing developers how to design, create, maintain and write IBM® Rational® Application Developer for WebSphere® Software V7.0 (for short, Rational Application Developer) is the full function Eclipse 3.2 based development platform for developing JavaTM 2 Platform Standard Edition (J2SETM) and Java 2 Platform Enterprise Edition (J2ETM) applications with a focus on applications to be deployed to IBM WebSphere Application Developer provides integrated development tools for all development roles, including Web developers, Java developers, business analysts, architects, and enterprise programmers. Rational Application Developer is part of the IBM Rational Software Delivery Platform (SDP), which contains products in four life cycle categories: - Architecture management, which (Application Developer is here) - Change and release management - Process and portfolio management - Quality management This IBM Redbooks® publication is a programming guide that highlights the features and tooling included with Rational Application Developer V7.0. Many of the chapters provide working examples that demonstrate how to use the tooling to create visual and rapid application development. This publication is an update of Rational Application Developer V6 Programming Guide, SG24-6449. This book consists of six parts: - Introduction to Rational Application Developer - Develop applications - Test and debug applications - Deploy and profile applications - Team development - Appendices

A Step-by-step Approach

Informix SQL Reference Library

Getting Started with Amazon Redshift

Informix Guide to Designing Databases and Data Warehouses

INFORMIX-OnLine Workgroup Server

Informix Guide to SQL: Tutorial for Windows NT : Version 7.12

An interactive guide to Oracle's intensive query tool, SQL* Plus, discusses its powerful features, furnishes a syntax quick reference, and explains how to write and execute script files, generate reports, extract data from the database, utilize new administrative features, query data dictionary tables, and more. Original. (Intermediate)

Tackle the toughest set-based querying and query tuning problems—guided by an author team with in-depth, inside knowledge of T-SQL. Deepen your understanding of architecture and internals—and gain practical approaches and advanced techniques to optimize your code's performance. Discover how to: Move from procedural programming to the language of sets and logic Optimize query tuning with a top-down methodology Assess algorithmic complexity to predict performance Compare data-aggregation techniques, including new grouping sets Manage data modification—insert, delete, update, merge—for performance Write more efficient queries against partitioned tables Work with graphs, trees, hierarchies, and recursive queries Plus—Use pure-logic puzzles to sharpen your problem-solving skills

Designed to provide an insight into the SQL and MySQL database concepts using python Key features A practical approach Ample code examples A Quick Start Guide to Python for beginners Description Python is becoming increasingly popular among data scientists. However, analysis and visualization tools need to interact with the data stored in various formats such as relational and NOSQL databases.This book aims to make the reader proficient in interacting with databases such as MySQL, SQLite, MongoDB, and Cassandra.This book assumes that the reader has no prior knowledge of programming. Hence, basic programming concepts, key concepts of OOP, serialization and data persistence have been explained in such a way that it is easy to understand. NOSQL is an emerging technology. Using MongoDB and Cassandra, the two widely used NOSQL databases are explained in detail.The knowhow of handling databases using Python will certainly be helpful for readers pursuing a career in Data Science.What will you learn Python basics and programming fundamentals Serialization Libraries pickle, CSV, JSON, and XML DB-AP and, SQLAlchemy Python with Excel documents Python with MongoDB and CassandraWho this book is forStudents and professionals who want to become proficient at database tools for a successful career in data science. Table of contents1. Getting Started2. Program Flow Control3. Structured Python4. Python - OOP5. File IO6. Object Serialization7. RDBMS Concepts8. Python DB-API9. Python - SQLAlchemy10. Python and Excel11. Python - PyMongo12. Python - CassandraAppendix A: Alternate Python ImplementationsAppendix B: Alternate Python DistributionsAppendix C: Built-in FunctionsAppendix D: Built-in ModulesAppendix E: Magic MethodsAppendix F: SQLite Dot CommandsAppendix G: ANSII SQL StatementsAppendix H: PyMongo API MethodsAppendix I: Cassandra CQL Shell Commands About the authorMalhar Lathkar is an Independent software professional / Programming technologies trainer/E-Learning Subject matter Expert. He is a of Director Institute of Programming Language Studies, having an academic experience of 33 years. His expertise is in Java, Python, C#, IoT, PHP, databases. His LinkedIn: linkedin.com/in/malharlathkar His blog: indsport.blogspot.com

In this book, a world-class Informix expert guides both novices and power users through the complex suite of Informix products, helping them master the development and administration skills they need most. Informix Basics is chock-full of exercises, practical examples and real-world tips - all honed through Glenn Miller's 14 years "in the trenches" teaching, building, and administering Informix databases. It shows not just what to do, but how and why to do it, and which tools to use. It covers virtually every key issue Informix developers and DBAs are likely to face, including: designing databases for maximum efficiency and power; working with SQL; using advanced SQL techniques such as stored procedures and triggers; 4GL programming and user interface development, and more. Coverage also includes data migration, interfacing with 3GLs, and the basics of Informix database administration. Informix Basics is ideal for new Informix users; power users seeking to learn application development; and database professionals migrating from other environments.

The Definitive Guide to SQLite

T-SQL Querying

Database Design for Smarties

The Complete Guide to Practices and Procedures

IBM Power Systems Performance Guide: Implementing and Optimizing

Using UML for Data Modeling

Outside of the world of enterprise computing, there is one database that enables a huge range of software and hardware to flex relational database capabilities, without the baggage and cost of traditional database management systems. That database is SQLite—an embeddable database with an amazingly small footprint, yet able to handle databases of enormous size. SQLite comes equipped with an array of powerful features available through a host of programming and development environments. It is supported by languages such as C, Java, Perl, PHP, Python, Ruby, TCL, and more. The Definitive Guide to SQLite, Second Edition is devoted to complete coverage of the latest version of this powerful database. It offers a thorough overview of SQLite's capabilities and APIs. The book also uses SQLite as the basis for helping newcomers make their first foray into database development. In only a short time you can be writing programs as diverse as a server-side browser plug-in or the next great iPhone or Android application! Learn about SQLite extensions for C, Java, Perl, PHP, Python, Ruby, and Tcl. Get solid coverage of SQLite internals. Explore developing iOS (iPhone) and Android applications with SQLite. SQLite is the solution chosen for thousands of products around the world, from mobile phones and GPS devices to set-top boxes and web browsers. You almost certainly use SQLite every day without even realizing it!

The IBM Informix® Dynamic Server (IDS) has the tools to build a powerful data warehouse infrastructure platform to lower costs and increase profits by doing more with your existing operational data and infrastructure. The Informix Warehouse Feature simplifies the process for design and deployment of a high performance data warehouse. With a state-of-the-art extract, load, and transform (ELT) tool and an Eclipse-based GUI environment that is easy to use, this comprehensive platform provides the foundation you need to cost effectively build and deploy the data warehousing infrastructure, using the IBM Informix Dynamic Server, and needed to enable the development and use of next-generation analytic solutions . This IBM® Redbooks® publication describes the technical information and demonstrates the functions and capabilities of the Informix Dynamic Server Warehouse Feature. It can help you understand how to develop a data warehousing architecture and infrastructure to meet your particular requirements, with the Informix Dynamic Server. It can also enable you to transform and manage your operational data, and use it to populate your data warehouse. With that new data warehousing environment, you can support the data analysis and decision-making that are required as you monitor and manage your business processes, and help you meet your business performance management goals, objectives, and measurements.

What is SQL injection? -- Testing for SQL injection -- Reviewing code for SQL injection -- Exploiting SQL injection -- Blind SQL injection exploitation -- Exploiting the operating system -- Advanced topics -- Code-level defenses -- Platform level defenses -- Confirming and recovering from SQL injection attacks -- References.

IBM® Informix® is a low-administration, easy-to-use, and embeddable database that is ideal for application development. It supports a wide range of development platforms, such as JavaTM, .NET, PHP, and web services, enabling developers to build database applications in the language of their choice. Informix is designed to handle RDBMS data and XML without modification and can be extended easily to handle new data sets. This IBM Redbooks® publication provides fundamentals of Informix application development. It covers the Informix Client installation and configuration for application development environments. It discusses the skills and techniques for building Informix applications with Java, ESQJ/C, OLE DB, .NET, PHP, Ruby on Rails, DataBlade®, and Hiberate. The book uses code examples to demonstrate how to develop an Informix application with various drivers, APIs, and interfaces. It also provides application development troubleshooting and considerations for performance. This book is intended for developers who use IBM Informix for application development. Although some of the topics that we discuss are highly technical, the information in the book might also be helpful for managers or database administrators who are looking to better understand their Informix development environment.

IBM Informix Developer's Handbook

Migrating from Microsoft SQL Server to IBM Informix

Data Warehousing with the Informix Dynamic Server

The Official Guide to Informix/Red Brick Data Warehousing

More than 70 solutions to common Hibernate problems

Geared toward designers and professionals interested in the conceptual aspects of integrity problems in different paradigms, Database Integrity: Challenges and Solutions successfully addresses these and a variety of other issues.

The complete e-business/e-commerce handbook for every decision-maker The E-Business (R)evolution is a complete handbook and briefing for every entrepreneur and executive making e-business plans. Start by understanding the six phases of e-business, from Hello, Im Online, Too through One World -- One Computer. Discover where you fit today -- and where you should be. Build the case for e-business and e-commerce; then learn how to choose the right technologies, avoid the legal (and other) pitfalls of e-business; and much more. Coverage includes: * Planning for e-business: back office systems, technology choices, ISPs, and architecture * Marketing that works: personalization, content, affiliates, localization, promotion, advertising, measurement, and more * Building sticky sites: how to attract and retain customers * Search engines, corporate portals, intelligent agents, and beyond * Internet-based shopping, procurement, and operations technologies - and their business implications * What you need to know about Web security Daniel Amor offers fresh insight into the significance of each new e-business technology, from Web application servers to XML, open source to Internet chat. He

Updated for the latest database management systems -- including MySQL 6.0, Oracle 11g, and Microsoft's SQL Server 2008 -- this introductory guide will get you up and running with SQL quickly. Whether you need to write database applications, perform administrative tasks, or generate reports, Learning SQL, Second Edition, will help you easily master all the SQL fundamentals. Each chapter presents a self-contained lesson on a key SQL concept or technique, with numerous illustrations and annotated examples. Exercises at the end of each chapter let you practice the skills you learn. With this book, you will: Move quickly through SQL basics and learn several advanced features Use SQL data statements to generate, manipulate, and retrieve data Create database objects, such as tables, indexes, and constraints, using SQL schema statements Learn how data sets interact with queries, and understand the importance of subqueries Convert and manipulate data with SQL's built-in functions, and use conditional logic in data statements Knowledge of SQL is a must for interacting with data. With Learning SQL, you'll quickly learn how to put the power and flexibility of this language to work.

Implement JPA repositories and harness the performance of Redis in your applications.

Learning SQL

Microsoft SQL Server 2005 Express Edition For Dummies

Solving Business Problems with Informix TimeSeries

Reference, Version 4.1

SQL Injection Attacks and Defense

A Comprehensive Tutorial and Reference (Adobe Reader)