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KEY=DUMMIES - STEPHANY ALEXANDER

ORACLE PL / SQL FOR DUMMIES

John Wiley & Sons Find tips for creating efficient PL/SQL code If you know a bit about SQL, this book will make PL/SQL programming painless! The Oracle has spoken—you need to get up to speed on PL/SQL programming, right? We predict it'll be a breeze with this book! You'll find out about code structures, best practices, and code naming standards, how to use conditions and loops, where to place PL/SQL code in system projects, ways to manipulate data, and more. Discover how to Write efficient, easy-to-maintain code Test and debug PL/SQL routines Integrate SQL and PL/SQL Apply PL/SQL best practices Use new features introduced in Oracle 9i and 10g

ORACLE 12C FOR DUMMIES

John Wiley & Sons Demystifying the power of the Oracle 12c database The Oracle database is the industry-leading relational database management system (RDMS) used from small companies to the world's largest enterprises alike for their most critical business and analytical processing. Oracle 12c includes industry leading enhancements to enable cloud computing and empowers users to manage both Big Data and traditional data structures faster and cheaper than ever before. Oracle 12c For Dummies is the perfect guide for a novice database administrator or an Oracle DBA who is new to Oracle 12c. The book covers what you need to know about Oracle 12c architecture, software tools, and how to successfully manage Oracle databases in the real world. Highlights the important features of Oracle 12c Explains how to create, populate, protect, tune, and troubleshoot a new Oracle database Covers advanced Oracle 12c technologies including Oracle Multitenant—the "pluggable database" concept—as well as several other key changes in this release Make the most of Oracle 12c's improved efficiency, stronger security, and simplified management capabilities with Oracle 12c For Dummies.

ORACLE PL/SQL FOR DUMMIES

*The Oracle has spoken—you need to get up to speed on PL/SQL programming, right? We predict it'll be a breeze with this book! You'll find out about code structures, best practices and code naming standards, how to use conditions and loops, where to place PL/SQL code in system projects, ways to manipulate data and more. Discover how to: * Write efficient, easy-to-maintain code * Test and debug PL/SQL routines * Integrate SQL and PL/SQL * Apply PL/SQL best practices * Use new features introduced in Oracle 9i and 10g.*

ORACLE PL/SQL PROGRAMMING

"O'Reilly Media, Inc." The authors have revised and updated this bestseller to include both the Oracle8i and new Oracle9i Internet-savvy database products.

ORACLE 11G FOR DUMMIES

John Wiley & Sons Are you a seasoned system administrator charged with setting up an Oracle database? Or did you suddenly become a DBA by default? If database administration with Oracle is part of your job, you'll be glad to have Oracle 11g For Dummies in your cubicle. This nuts-and-bolts guide walks you through the mysteries of Oracle and database administration. You'll learn how to understand Oracle database architecture, set up and manage an Oracle database, and keep it running in tiptop form. Oracle 11g For Dummies covers: The building blocks behind the database engine as well as Oracle's physical and logical structures Hardware, software, system, and storage requirements for implementation How to recognize and accommodate the differences between Oracle installations on Windows and on Linux/UNIX Daily and intermittent tasks necessary to keep your database running properly How to assess potential threats to your database, configure Oracle Recovery Manager, and set up backup and recovery procedures When to use online, offline, controlfile, and archive log backups Troubleshooting methodology and how to use Oracle database logs and other diagnostic utilities Different ways to manage your database How to automate jobs with the Oracle Scheduler Using SQL in Oracle, and a great deal more Completely up to date for the newest release of Oracle, Oracle 11g For Dummies will give you both the information and the confidence to set up and maintain an Oracle database for your organization.

EXPERT PL/SQL PRACTICES

FOR ORACLE DEVELOPERS AND DBAS

Apress Expert PL/SQL Practices is a book of collected wisdom on PL/SQL programming from some of the best and the brightest in the field. Each chapter is a deep-dive into a specific problem, technology, or feature set that you'll face as a PL/SQL programmer. Each author has chosen their topic out of the strong belief that what they share can make a positive difference in the quality and scalability of code that you write. The path to mastery begins with syntax and the mechanics of writing statements to make things happen. If you've reached that point with PL/SQL, then let the authors of Expert PL/SQL Practices show you how to combine syntax and mechanics with features and techniques to really make the language sing. You'll learn to do more with less effort, to write code that

scales and performs well, and to eliminate and avoid defects. These authors are passionate about PL/SQL and the power it places at your disposal. They want you to succeed, to know all that PL/SQL can offer. Let *Expert PL/SQL Practices* open your eyes to the full power of Oracle's world-class language for the database engine. Goes beyond the manual to cover good techniques and best practices. Delivers knowledge usually gained only by hard experience. Covers the functionality that distinguishes PL/SQL as a powerful and scalable programming language for deploying logic inside the database engine.

ORACLE PL/SQL BEST PRACTICES

OPTIMIZING ORACLE CODE

"O'Reilly Media, Inc." In this book, Steven Feuerstein, widely recognized as one of the world's experts on the Oracle PL/SQL language, distills his many years of programming, writing, and teaching about PL/SQL into a set of PL/SQL language "best practices"--rules for writing code that is readable, maintainable, and efficient. Too often, developers focus on simply writing programs that run without errors--and ignore the impact of poorly written code upon both system performance and their ability (and their colleagues' ability) to maintain that code over time. *Oracle PL/SQL Best Practices* is a concise, easy-to-use reference to Feuerstein's recommendations for excellent PL/SQL coding. It answers the kinds of questions PL/SQL developers most frequently ask about their code: How should I format my code? What naming conventions, if any, should I use? How can I write my packages so they can be more easily maintained? What is the most efficient way to query information from the database? How can I get all the developers on my team to handle errors the same way? The book contains 120 best practices, divided by topic area. It's full of advice on the program development process, coding style, writing SQL in PL/SQL, data structures, control structures, exception handling, program and package construction, and built-in packages. It also contains a handy, pull-out quick reference card. As a helpful supplement to the text, code examples demonstrating each of the best practices are available on the O'Reilly web site. *Oracle PL/SQL Best Practices* is intended as a companion to O'Reilly's larger Oracle PL/SQL books. It's a compact, readable reference that you'll turn to again and again--a book that no serious developer can afford to be without.

MASTERING ORACLE PL/SQL

PRACTICAL SOLUTIONS

Apres If you have mastered the fundamentals of the PL/SQL language and are now looking for an in-depth, practical guide to solving real problems with PL/SQL stored procedures, then this is the book for you.

ORACLE SQL*PLUS

THE DEFINITIVE GUIDE

"O'Reilly Media, Inc." 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)

ORACLE PL/SQL PROGRAMMING

"O'Reilly Media, Inc." For the past ten years, O'Reilly's *Oracle PL/SQL Programming* has been the bestselling book on PL/SQL, Oracle's powerful procedural language. Packed with examples and helpful recommendations, the book has helped everyone--from novices to experienced developers, and from Oracle Forms developers to database administrators--make the most of PL/SQL. The fourth edition is a comprehensive update, adding significant new content and extending coverage to include the very latest Oracle version, Oracle Database 10g Release 2. It describes such new features as the PL/SQL optimizing compiler, conditional compilation, compile-time warnings, regular expressions, set operators for nested tables, nonsequential collections in FORALL, the programmer-defined quoting mechanism, the ability to backtrace an exception to a line number, a variety of new built-in packages, and support for IEEE 754 compliant floating-point numbers. The new edition adds brand-new chapters on security (including encryption, row-level security, fine-grained auditing, and application contexts), file, email, and web I/O (including the built-in packages `DBMS_OUTPUT`, `UTL_FILE`, `UTL_MAIL`, `UTL_SMTP`, and `UTL_HTTP`) and globalization and localization. Co-authored by the world's foremost PL/SQL authority, Steven Feuerstein, this classic reference provides language syntax, best practices, and extensive code, ranging from simple examples to complete applications--making it a must-have on your road to PL/SQL mastery. A companion web site contains many more examples and additional technical content for enhanced learning.

ADVANCED ORACLE PL/SQL DEVELOPER'S GUIDE

Packt Publishing Ltd Master the advanced concepts of PL/SQL for professional-level certification and learn the new capabilities of Oracle Database 12c. About This Book Learn advanced application development features of Oracle Database 12c and prepare for the 1Z0-146 examination. Build robust and secure applications in Oracle PL/SQL using the best practices. Packed with feature demonstrations and illustrations that will help you learn and understand the enhanced capabilities of Oracle Database 12c. Who This Book Is For This book is for Oracle developers responsible for database management. Readers are expected to have basic knowledge of Oracle Database and the fundamentals of PL/SQL programming. Certification aspirants can use this book to prepare for 1Z0-146 examination in order to be an Oracle Certified Professional in Advanced PL/SQL. What You Will Learn Learn and understand the key SQL and PL/SQL features of Oracle Database 12c. Understand the new Multitenant architecture and Database In-Memory option of Oracle Database 12c. Know more about the advanced concepts of the Oracle PL/SQL language such as external procedures, securing data using Virtual Private Database (VPD), SecureFiles, and PL/SQL code tracing and profiling. Implement Virtual Private Databases to prevent unauthorized data access. Trace, analyze, profile, and debug PL/SQL code while developing database applications. Integrate the new application development features of Oracle Database 12c with the current concepts. Discover techniques to analyze and

maintain PL/SQL code Get acquainted with the best practices of writing PL/SQL code and develop secure applications In Detail Oracle Database is one of the most popular databases and allows users to make efficient use of their resources and to enhance service levels while reducing the IT costs incurred. Oracle Database is sometimes compared with Microsoft SQL Server, however, Oracle Database clearly supersedes SQL server in terms of high availability and addressing planned and unplanned downtime. Oracle PL/SQL provides a rich platform for application developers to code and build scalable database applications and introduces multiple new features and enhancements to improve development experience. Advanced Oracle PL/SQL Developer's Guide, Second Edition is a handy technical reference for seasoned professionals in the database development space. This book starts with a refresher of fundamental concepts of PL/SQL, such as anonymous block, subprograms, and exceptions, and prepares you for the upcoming advanced concepts. The next chapter introduces you to the new features of Oracle Database 12c, not limited to PL/SQL. In this chapter, you will understand some of the most talked about features such as Multitenant and Database In-Memory. Moving forward, each chapter introduces advanced concepts with the help of demonstrations, and provides you with the latest update from Oracle Database 12c context. This helps you to visualize the pre- and post-applications of a feature over the database releases. By the end of this book, you will have become an expert in PL/SQL programming and will be able to implement advanced concepts of PL/SQL for efficient management of Oracle Database. Style and approach The book follows the structure of the Oracle Certification examination but doesn't restrict itself to the exam objectives. Advanced concepts have been explained in an easy-to-understand style, supported with feature demonstrations and case illustrations.

ORACLE ADVANCED PL/SQL DEVELOPER PROFESSIONAL GUIDE

Packt Publishing Ltd This book is packed with real world examples that cover all the advanced features of PL/SQL. In turn, each major certification topic is covered in a separate chapter that makes understanding concepts easier. At the end of each chapter, you will find plenty of practice questions to strengthen and test your learning. If you are a PL/SQL developer looking for deeper insight and a move from mid-level programmer to professional database developer, then this is the best guide for you. This book is also an ideal guide for all the Associate level PL/SQL programmers who are preparing for the Professional 1Z0-146 certification. This book assumes you have prior knowledge of PL/SQL programming.

ORACLE PL/SQL PROGRAMMING

A DEVELOPER'S WORKBOOK

"O'Reilly Media, Inc." Written by one of the world's leading experts on the Oracle PL/SQL language, this text offers extensive exercises in all skill levels covering major features of the language. Also provides a primer to the PL/SQL language.

ORACLE PL/SQL BY EXAMPLE

Pearson Education This integrated learning solution teaches all the Oracle PL/SQL skills you need, hands-on, through real-world labs, extensive examples, exercises, and projects! Completely updated for Oracle 11g, Oracle PL/SQL by Example, Fourth Edition covers all the fundamentals, from PL/SQL syntax and program control through packages and Oracle 11g's significantly improved triggers. One step at a time, you'll walk through every key task, discovering the most important PL/SQL programming techniques on your own. Building on your hands-on learning, the authors share solutions that offer deeper insights and proven best practices. End-of-chapter projects bring together all the techniques you've learned, strengthening your understanding through real-world practice. This book's approach fully reflects the authors' award-winning experience teaching PL/SQL programming to professionals at Columbia University. New database developers and DBAs can use its step-by-step instructions to get productive fast; experienced PL/SQL programmers can use this book as a practical solutions reference. Coverage includes • Mastering basic PL/SQL concepts and general programming language fundamentals, and understanding SQL's role in PL/SQL • Using conditional and iterative program control techniques, including the new CONTINUE and CONTINUE WHEN statements • Efficiently handling errors and exceptions • Working with cursors and triggers, including Oracle 11g's powerful new compound triggers • Using stored procedures, functions, and packages to write modular code that other programs can execute • Working with collections, object-relational features, native dynamic SQL, bulk SQL, and other advanced PL/SQL capabilities • Handy reference appendices: PL/SQL formatting guide, sample database schema, ANSI SQL standards reference, and more

LEARNING SQL

MASTER SQL FUNDAMENTALS

O'Reilly Media 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.

BEGINNING ORACLE SQL FOR ORACLE DATABASE 18C

FROM NOVICE TO PROFESSIONAL

Apress Start developing with Oracle SQL. This book is a one-stop introduction to everything you need to know about getting started developing an Oracle Database. You'll learn about foundational concepts, setting up a simple schema, adding data, reading data from the database, and making changes. No experience with databases is required to get started. Examples in the book are built around Oracle Live SQL, a freely available, online sandbox for practicing and experimenting with SQL statements, and Oracle Express Edition, a free version of Oracle Database that is available for download. A marquee feature of Beginning Oracle SQL for Oracle Database 18c is the small chapter size. Content is divided into easily digestible chunks that can be read and practiced in very short intervals of time, making this the ideal book for a busy professional to learn from. Even just a 15-20 minute block of free time can be put to good use. Author Ben Brumm begins by helping you understand what a database is, and getting you set up with a sandbox in which to practice the SQL that you are learning. From there, easily digestible chapters cover, point-by-point, the different aspects of writing queries to get data out of a database. You'll also learn about creating tables and getting data into the database. Crucial topics such as working with nulls and writing analytic queries are given the attention they deserve, helping you to avoid pitfalls when writing queries for production use. What You'll Learn Create, update, and delete tables in an Oracle database Add, update, delete data from those database tables Query and view data stored in your database Manipulate and transform data using in-built database functions and features Correctly choose when to use Oracle-specific syntax and features Who This Book Is For Those new to Oracle who are planning to develop software using Oracle as the back-end data store. The book is also for those who are getting started in software development and realize they need to learn some kind of database language. Those who are learning software development on the side of their normal job, or learning it as a college student, who are ready to learn what a database is and how to use it also will find this book useful.

ORACLE SQL

THE ESSENTIAL REFERENCE

"O'Reilly Media, Inc." SQL (Structured Query Language), the heart of a relational database management system, is the language used to query the database, to create new tables in the database, to update and delete fields, and to set access privileges. Aimed at everyone who needs to access an Oracle database using SQL, including developers, DBAs, designers, and managers, this book delivers all the information they need to know about standard SQL, and Oracle's extensions to it.

ORACLE SQL DEVELOPER FOR ABSOLUTE BEGINNERS

EVERYTHING YOU NEED TO KNOW ABOUT ORACLE SQL DEVELOPER (18. 2) TOOL

Oracle SQL Developer is a free graphical tool that enhances productivity and simplifies database development tasks. Using SQL Developer, you can browse database objects, run SQL statements, edit and debug PL/SQL statements and run reports, whether provided or created. Developed in Java, SQL Developer runs on Windows, Linux and the Mac OS X. This is a great advantage to the increasing number of developers using alternative platforms. Multiple platform support also means that users can install SQL Developer on the Database Server and connect remotely from their desktops, thus avoiding client server network traffic. This Book provides you with concepts and usages of SQL Developer- Download and install SQL developer 18.2 version on windows- Connect remote database on cloud and navigate tables inside schema- Create table using GUI interface inside SQL Developer- Change table definition and modify table constraints- Export data from Oracle table to csv file and much more You can connect to any target Oracle database schema using standard Oracle database authentication. Once connected, you can perform operations on objects in the database.

SQL ALL-IN-ONE FOR DUMMIES

John Wiley & Sons The soup-to-nuts guide on all things SQL! SQL, or structured query language, is the international standard language for creating and maintaining relational databases. It is the basis of all major databases in use today and is essential for the storage and retrieval of database information. This fun and friendly guide takes SQL and all its related topics and breaks it down into easily digestible pieces for you to understand. You'll get the goods on relational database design, development, and maintenance, enabling you to start working with SQL right away! Provides an overview of the SQL language and examines how it is integral for the storage and retrieval of database information Includes updates to SQL standards as well as any new features Explores SQL concepts, relational database development, SQL queries, data security, database tuning, and more Addresses the relationship between SQL and programming as well as SQL and XML If you're looking for an up-to-date sequel to the bestselling first edition of SQL All-in-One For Dummies, then this is the book for you!

ORACLE AND PL/SQL RECIPES

A PROBLEM-SOLUTION APPROACH

Apress Oracle PL/SQL Recipes is your go to book for PL/SQL programming solutions. It takes a task-oriented approach to PL/SQL programming that lets you quickly look up a specific task and see the pattern for a solution. Then it's as simple as modifying the pattern for your specific application and implementing it. And you're done and home for dinner. Oracle PL/SQL Recipes is another in Apress' ongoing series of recipe books aimed at Oracle practitioners. The recipe format is ideal for the busy professional who just needs to get the job done. Covers the most common PL/SQL programming problems Presents solutions in ready-to-use format Stays short and to-the-point

ORACLE APEX 20 FULL STACK SET FOR BEGINNERS

ORACLE APEX 20, SQL AND PL/SQL BEGINNERS GUIDES TO DEVELOP STUNNING, LOW-CODE WEB APPLICATIONS FAST

A three-book set for absolute beginners who want to become dynamic web developers This three-book set combines the titles No-Code Oracle APEX For Thirteen To Ninety, SQL and PL/SQL For Everyone, and Oracle APEX 20 For Beginners. Together these three books will provide a solid foundation to anyone who has the desire to develop dynamic data-driven web applications quickly with no/low code features of Oracle APEX. Oracle APEX is a low-code application development framework. Low-code is a software development approach that enables the delivery of applications faster and with minimal hand-coding. Low-code framework helps you create complete applications visually with the help of drag-and-drop interface and wizards. Rather than writing thousands of lines of complex code and syntax, low-code platforms allow you to build complete applications with modern user interfaces, integrations, data and logic quickly and visually. Oracle APEX is one such area. You can use Oracle APEX free of charge - either as part of an existing Oracle Database license or running in the free Oracle Database 18c XE product. Oracle APEX empowers you to build incredible apps and solve real problems. And you won't need to become an expert in a vast array of web technologies, such as HTML, CSS, JavaScript and more. Oracle APEX is capable to do the heavy lifting for you. You just need to focus on the problem to be solved. The book No-Code Oracle APEX For Thirteen To Ninety - Build Your First Web App without Writing a Single Line of Code is for anyone who wants to become a web developer but is scared of writing tons of code and is looking for the easiest track to start with. I compiled this book for everyone (especially teens) to make web application development fun for them rather than a nightmare. The SQL and PL/SQL languages are too voluminous and exposure of every aspect of these huge languages is a very tedious task. Keeping aside the least utilized features, the book SQL and PL/SQL For Everyone is rolled out to focus on the more operational areas of the language. It is meant to help you learn SQL and PL/SQL quickly by yourself. It follows a tutorial approach wherein hundreds of hands-on exercises are provided, augmented with illustrations, to teach you SQL and PL/SQL in a short period of time. Oracle APEX 20 For Beginners is my eleventh book on Oracle Application Express (APEX) written for the latest version. Just like my previous books that exposed the technology to thousands around the globe, this next-level book is also aimed at beginners who wish to learn from self-paced professional guidance and need a solid foundation in Oracle APEX.

ORACLE DATABASE 11G PL/SQL PROGRAMMING WORKBOOK

McGraw Hill Professional Ramp Up Your PL/SQL Programming Skills Master PL/SQL through the hands-on exercises, extensive examples, and real-world projects inside this Oracle Press guide. Filled with best practices, Oracle Database 11g PL/SQL Programming Workbook covers all the latest features and enhancements of the language. Mastery checks at the end of each chapter reinforce the material covered, and sample code from the book is available for download. Even experienced Oracle professionals will benefit from this practical resource. Understand the Oracle development architecture and the mechanics of connections Work with data types, structures, blocks, cursors, and PL/SQL semantics Write, deploy, and use functions, procedures, and packages Manage transactions and more Use dynamic SQL statements in real-world applications Support online transaction processing and data warehousing applications with external tables Find syntax samples and best practices to solve problems Write, deploy, and use object types For a complete list of Oracle Press titles, visit www.OraclePressBooks.com

ORACLE DATABASE ADMINISTRATION FOR MICROSOFT SQL SERVER DBAS

McGraw Hill Professional Apply Your SQL Server DBA Skills to Oracle Database Administration Use your SQL Server experience to set up and maintain a high-performance Oracle Database environment. Written by a DBA with expertise in both platforms, Oracle Database Administration for Microsoft SQL Server DBAs illustrates each technique with clear explanations, examples, and comparison tables. Get full details on Oracle Database intervals, creation assistants, management techniques, and query tools. High availability, disaster recovery, and security procedures are also extensively covered in this comprehensive Oracle Press guide. Install and configure Oracle Database on Windows or Linux systems Administer and monitor databases from Oracle Enterprise Manager Implement robust security using roles, permissions, and privileges Back up and restore databases with Oracle Recovery Manager Use the Oracle cost-based optimizer to tune performance Write, debug, and execute PL/SQL queries using Oracle SQL Developer Maximize availability with Oracle Real Application Clusters Build standby and failover servers using Oracle Data Guard

ORACLE PL/SQL LANGUAGE POCKET REFERENCE

"O'Reilly Media, Inc." The fourth edition of this popular pocket guide provides quick-reference information that will help you use Oracle's PL/SQL language, including the newest Oracle Database 11g features. It's a companion to Steven Feuerstein and Bill Pribyl's bestselling Oracle PL/SQL Programming. This concise guide boils down the most vital PL/SQL information into an accessible summary of: Fundamental language elements (e.g., block structure, datatypes, declarations) Statements for program control, cursor management, and exception handling Records, procedures, functions, triggers, and packages Calling PL/SQL functions in SQL Compilation options, object-oriented features, collections, and Java integration The new edition describes such Oracle Database 11g elements as PL/SQL's function result cache, compound triggers, the CONTINUE statement, the SIMPLE_INTEGER datatype, and improvements to native compilation, regular expressions, and compiler optimization (including intra-unit inlining). In addition, this book now includes substantial new sections on Oracle's built-in functions and packages. When you need answers quickly, the Oracle PL/SQL Language Pocket Reference will save you hours of frustration.

SQL TUNING

GENERATING OPTIMAL EXECUTION PLANS

"O'Reilly Media, Inc." A poorly performing database application not only costs users time, but also has an impact on other applications

running on the same computer or the same network. *SQL Tuning* provides an essential next step for SQL developers and database administrators who want to extend their SQL tuning expertise and get the most from their database applications. There are two basic issues to focus on when tuning SQL: how to find and interpret the execution plan of an SQL statement and how to change SQL to get a specific alternate execution plan. *SQL Tuning* provides answers to these questions and addresses a third issue that's even more important: how to find the optimal execution plan for the query to use. Author Dan Tow outlines a timesaving method he's developed for finding the optimum execution plan—rapidly and systematically—regardless of the complexity of the SQL or the database platform being used. You'll learn how to understand and control SQL execution plans and how to diagram SQL queries to deduce the best execution plan for a query. Key chapters in the book include exercises to reinforce the concepts you've learned. *SQL Tuning* concludes by addressing special concerns and unique solutions to "unsolvable problems." Whether you are a programmer who develops SQL-based applications or a database administrator or other who troubleshoots poorly tuned applications, *SQL Tuning* will arm you with a reliable and deterministic method for tuning your SQL queries to gain optimal performance.

MYSQL WORKBENCH: DATA MODELING & DEVELOPMENT

McGraw Hill Professional The only Oracle Press guide to MySQL Workbench explains how to design and model MySQL databases. *MySQL Workbench Data Modeling and Development* helps developers learn how to effectively use this powerful product for database modeling, reverse engineering, and interaction with the database without writing SQL statements. *MySQL Workbench* is a graphical user interface that can be used to create and maintain MySQL databases without coding. The book covers the interface and explains how to accomplish each step by illustrating best practices visually. Clear examples, instructions, and explanations reveal, in a single volume, the art of database modeling. This Oracle Press guide shows you how to get the tool to do what you want. Annotated screen shots demonstrate all interactions with the tool, and text explains the how, what, and why of each step. Complete coverage
Installation and Configuration; Creating and Managing Connections; Data Modeling Concepts; Creating an ERD; Defining the Physical Schemata; Creating and Managing Tables; Creating and Managing Relationships; Creating and Managing Views; Creating and Managing Routines; Creating and Managing Routine Groups; Creating and Managing User & Groups; Creating and Managing SQL Scripts; Generating SQL Scripts; Forward Engineering a Data Model; Synchronize a Model with a Database; Reverse Engineering a Database; Managing Differences in the Data Catalog; Creating and Managing Model Notes; Editing Table Data; Editing Generated Scripts; Creating New Instances; Managing Import and Export; Managing Security; Managing Server Instances

SAMS TEACH YOURSELF SQL IN 10 MINUTES

Sams Publishing Explains how to use Structured Query Language to work within a relational database system, including information retrieval, security, data manipulation, and user management.

LEARN PL/SQL IN 24 HOURS

DEFINITIVE GUIDE TO LEARN PL/SQL FOR BEGINNERS

Guru99 PL/SQL is an extension of SQL for the Oracle Database. *Learn PL/SQL in 1 Day* serves as beginner guide for a crash course in PL/SQL development. The book contains tons of examples that prepare you for real-world development project. This book is considered the best Oracle PL/SQL programming guide by the Oracle community. The books gives clear instructions for executing, tracing, testing, debugging, and managing PL/SQL code. Here is what you will learn Chapter 1: What Is PL/SQL? Introduction & Architecture Chapter 2: SQL Vs PL/SQL Vs T-SQL: Key Differences Chapter 3: PL/ SQL Block: STRUCTURE, Syntax, ANONYMOUS Example Chapter 4: PL/SQL First Program: Hello World Example Chapter 5: Oracle PL/SQL Data Types: Character, Number, Boolean, Date, LOB Chapter 6: Oracle PL/SQL Variable Identifiers Tutorial with Examples Chapter 7: Oracle PL/SQL Collections: Varrays, Nested & Index by Tables Chapter 8: Oracle PL/SQL Records Type with Examples Chapter 9: Oracle PL/SQL IF THEN ELSE Statement: ELSIF, NESTED-IF Chapter 10: Oracle PL/SQL: CASE Statement with Examples Chapter 11: Oracle PL/SQL LOOP with Example Chapter 12: Oracle PL/SQL FOR LOOP with Example Chapter 13: Oracle PL/SQL WHILE LOOP with Example Chapter 14: Oracle PL/SQL Stored Procedure & Functions with Examples Chapter 15: Oracle PL/SQL Exception Handling: Examples to Raise User-defined Exception Chapter 16: Oracle PL/SQL Insert, Update, Delete & Select Into [Example] Chapter 17: Oracle PL/SQL Cursor: Implicit, Explicit, Cursor FOR Loop [Example] Chapter 18: Oracle PL/SQL BULK COLLECT: FORALL Example Chapter 19: Autonomous Transaction in Oracle PL/SQL: Commit, Rollback Chapter 20: Oracle PL/SQL Package: Type, Specification, Body [Example] Chapter 21: Oracle PL/SQL Trigger Tutorial: Instead of, Compound [Example] Chapter 22: Oracle PL/SQL Object Types Tutorial with EXAMPLES Chapter 23: Oracle PL/SQL Dynamic SQL Tutorial: Execute Immediate & DBMS_SQL Chapter 24: Nested Blocks & Variable Scope in Oracle PL/SQL Tutorial [Example]

SQL FOR DUMMIES

John Wiley & Sons Get ready to make SQL easy! Updated for the latest version of SQL, the new edition of this perennial bestseller shows programmers and web developers how to use SQL to build relational databases and get valuable information from them. Covering everything you need to know to make working with SQL easier than ever, topics include how to use SQL to structure a DBMS and implement a database design; secure a database; and retrieve information from a database; and much more. SQL is the international standard database language used to create, access, manipulate, maintain, and store information in relational database management systems (DBMS) such as Access, Oracle, SQL Server, and MySQL. SQL adds powerful data manipulation and retrieval capabilities to conventional languages—and this book shows you how to harness the core element of relational databases with ease. Server platform that gives you choices of development languages, data types, on-premises or cloud, and operating systems Find great examples on the use of temporal data Jump right in—without previous knowledge of database programming or SQL As database-driven websites continue to grow in popularity—and complexity—SQL For Dummies is the easy-to-understand, go-to resource you need to use it seamlessly.

REAL WORLD SQL AND PL/SQL: ADVICE FROM THE EXPERTS

McGraw Hill Professional Master the Underutilized Advanced Features of SQL and PL/SQL This hands-on guide from Oracle Press shows how to fully exploit lesser known but extremely useful SQL and PL/SQL features—and how to effectively use both languages together. Written by a team of Oracle ACE Directors, *Real-World SQL and PL/SQL: Advice from the Experts* features best practices, detailed examples, and insider tips that clearly demonstrate how to write, troubleshoot, and implement code for a wide variety of practical applications. The book thoroughly explains underutilized SQL and PL/SQL functions and lays out essential development strategies. Data modeling, advanced analytics, database security, secure coding, and administration are covered in complete detail. Learn how to:

- Apply advanced SQL and PL/SQL tools and techniques
- Understand SQL and PL/SQL functionality and determine when to use which language
- Develop accurate data models and implement business logic
- Run PL/SQL in SQL and integrate complex datasets
- Handle PL/SQL instrumenting and profiling
- Use Oracle Advanced Analytics and Oracle R Enterprise
- Build and execute predictive queries
- Secure your data using encryption, hashing, redaction, and masking
- Defend against SQL injection and other code-based attacks
- Work with Oracle Virtual Private Database Code examples in the book are available for download at www.MHProfessional.com. TAG: For a complete list of Oracle Press titles, visit www.OraclePressBooks.com

ORACLE TO DB2 CONVERSION GUIDE: COMPATIBILITY MADE EASY

IBM Redbooks 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.

SAMS TEACH YOURSELF SQL IN 21 DAYS

Sams Publishing A collection of exercises explains how to use Structured Query Language to work within a relational database system, while discussing security, data manipulation, and user management.

ORACLE PL/SQL INTERACTIVE WORKBOOK

Prentice Hall Professional Explains how to develop applications using Oracle PL/SQL, covering such concepts as iterative and conditional control, scoping, anchored datatypes, security, tables, and cursors.

BEGINNING ORACLE SQL

Apress Beginning Oracle SQL is your introduction to the interactive query tools and specific dialect of SQL used with Oracle Database. The book is a revision of the classic *Mastering Oracle SQL and SQL*Plus* by Lex de Haan, and has been updated to cover developments in Oracle's version of the SQL query language. Written in an easygoing and example-based style, *Beginning Oracle SQL* is the book that will get you started down the path to successfully writing SQL statements and getting results from Oracle database. Takes an example-based approach, with clear and authoritative explanations Introduces both SQL and the query tools used to execute SQL statements Shows how to create tables, populate them with data, and then query that data to generate business results

SQL BIBLE

John Wiley & Sons Combining theory with everyday practicality, this definitive volume is packed with the up-to-date information, new features, and explanations you need to get the very most out of SQL and its latest standard. The book is unique in that every chapter highlights how the new SQL standard applies to the three major databases, Oracle 11g, IBM DB2 9.5, and Microsoft SQL Server 2008. The result is a comprehensive, useful, and real-world reference for all SQL users, from beginners to experienced developers.

MURACH'S ORACLE SQL AND PL SQL FOR DEVELOPERS

Createspace Independent Publishing Platform Murach's Oracle SQL and PL: SQL for Developers By Joel Murac

EFFECTIVE ORACLE BY DESIGN

McGraw Hill Professional Tom Kyte of Oracle Magazine's "Ask Tom" column has written the definitive guide to designing and building high-performance, scalable Oracle applications. The book covers schema design, SQL and PL/SQL, tables and indexes, and much more. From the exclusive publisher of Oracle Press books, this is a must-have resource for all Oracle developers and DBAs.

OCA ORACLE DATABASE SQL EXAM GUIDE (EXAM 1Z0-071)

McGraw Hill Professional A fully updated, integrated self-study system for the Oracle Database SQL Exam This thoroughly revised Oracle Press guide offers 100% coverage of all objectives on the latest version of the Oracle Database SQL Exam. Ideal both as a study guide and on-the-job reference, *OCA Oracle Database SQL Exam Guide (Exam 1Z0-071)* features detailed explanations,

examples, practice questions, and chapter summaries. "Certification Objectives," "Exam Watch," and "On the Job" sections reinforce salient points throughout. You will gain access to two complete practice exams that match the tone, tenor, and format of the live test. Get complete coverage every topic on Exam 1Z0-071, including:

- DDL and SQL SELECT statements
- Manipulating, restricting, and sorting data
- Single-row and group functions
- Displaying data from multiple tables
- Subqueries
- Schema objects
- Set operators
- Grouping related data
- Report creation
- Data dictionary views
- Large data sets
- Hierarchical retrieval
- Regular expression support
- User access control

The electronic includes:

- Two full practice exams
- Detailed answers and explanations

ORACLE PL/SQL TUNING

EXPERT SECRETS FOR HIGH PERFORMANCE PROGRAMMING

Rampant TechPress Provides information on ways to achieve high performance from PL/SQL.

ORACLE DATABASE 10G PL/SQL PROGRAMMING

McGraw-Hill Education A guide to creating client/server applications using PL/SQL covers such topics as recovering errors, using intersession communication, managing large data sets, and working with Oracle Net Services.