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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 PL / SQL For Dummies *For Dummies*

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 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 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.

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 *For Dummies*

Oracle PL / SQL For Dummies *For Dummies*

Learning Oracle PL/SQL *"O'Reilly Media, Inc."*

"Learning Oracle PL/SQL" introduces PL/SQL in a way that's useful to a variety of audiences: beginning programmers, new Oracle database administrators, and developers familiar with other

databases who now need to learn Oracle. A consistent and understandable example application--the development of a library's electronic catalog system--runs through the chapters.

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 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 archivelog 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.

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.

Beginning PL/SQL**From Novice to Professional** *Apress*

Beginning PL/SQL is a fast-paced and blissfully short introduction to Oracle's PL/SQL language. PL/SQL is the built-in language that every Oracle developer and database administrator simply must know. The book shows readers how to apply object-oriented PL/SQL to production applications. No other book on PL/SQL does this. It gives the reader practical advice on what works and what doesn't, and advises on the performance tradeoffs between doing work in SQL versus in PL/SQL. This book gets readers up-to-speed on the core of the language without wasting time on esoteric and seldom used syntax.

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 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

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.

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

Mastering Oracle PL/SQL

Practical Solutions Apress

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.

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 Database 11G Pl/Sql Programming *Tata McGraw-Hill Education*

Completely up-to-date for the new database release, this Oracle Press guide explains how to write robust, database-driven PL/SQL applications. Full details on the PL/SQL language, scripting semantics, and syntax are included. Learn how to write powerful programs, interact with Oracle databases, perform complex calculations, and handle error conditions. It also features a real-world example that runs throughout the book to illustrate the programming techniques presented.

Oracle Database 12c PL/SQL Programming *McGraw Hill Professional*

Master Oracle Database 12c PL/SQL Application Development Develop, debug, and administer robust database programs. Filled with detailed examples and expert strategies from an Oracle ACE, Oracle Database 12c PL/SQL Programming explains how to retrieve and process data, write PL/SQL statements, execute effective queries, incorporate PHP and Java, and work with dynamic SQL. Code testing, security, and object-oriented programming techniques are fully covered in this comprehensive

Oracle Press guide. Explore new SQL and PL/SQL features in Oracle Database 12c Build control structures, cursors, and loop statements Work with collections, varrays, tables, and associative array collections Locate and repair errors and employ exception handlers Execute black box, white box, and integration tests Configure and manage stored packages and libraries Handle security with authentication and encryption Use LOBs to store text and multimedia content Write and implement PL/SQL and Java triggers Extend functionality using dynamic SQL statements Understand object types, nested tables, and unnesting queries

Murach's Oracle SQL and PL SQL for Developers

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Murach's Oracle SQL and PL: SQL for Developers By Joel Murac

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 SQL and PL/SQL Handbook

A Guide for Data Administrators, Developers, and Business Analysts Addison-Wesley Professional

CD-ROM contains: Practice database -- Sample scripts reference in text.

Oracle PL/SQL Programming

Covers Versions Through Oracle Database 11g Release 2 "O'Reilly Media, Inc."

This book is the definitive reference on PL/SQL, considered throughout the database community to be the best Oracle programming book available. Like its predecessors, this fifth edition of Oracle PL/SQL Programming covers language fundamentals, advanced coding techniques, and best practices for using Oracle's powerful procedural language. Thoroughly updated for Oracle Database 11g Release 2, this edition reveals new PL/SQL features and provides extensive code samples, ranging from simple examples to complex and complete applications, in the book and on the companion website. This indispensable reference for both novices and experienced Oracle programmers will help you: Get PL/SQL programs up and running quickly, with clear instructions for executing, tracing, testing, debugging, and managing PL/SQL code Optimize PL/SQL performance with the aid of a brand-new chapter in the fifth edition Explore datatypes, conditional and sequential control statements, loops, exception handling, security features, globalization and localization issues, and the PL/SQL architecture Understand and use new Oracle Database 11g features, including the edition-based redefinition capability, the function result cache, the new CONTINUE statement, fine-grained dependency tracking, sequences in PL/SQL expressions, supertype invocation from subtypes, and enhancements to native compilation, triggers, and dynamic SQL Use new Oracle Database 11g tools and techniques such as PL/Scope, the PL/SQL hierarchical profiler,

and the SecureFiles technology for large objects Build modular PL/SQL applications using procedures, functions, triggers, and packages

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.

Advanced Oracle PL/SQL

Programming with Packages *Oreilly & Associates Incorporated*
Demonstrates how to construct and properly build PL/SQL packages, providing a full-use shareware version of PL/Vision and a library of dozens of packages written by the author on the companion disk. Original. (Advanced).

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.

Oracle SQL

Jumpstart with Examples *Elsevier*

Developers and DBAs use Oracle SQL coding on a daily basis, whether for application development, finding problems, fine-tuning solutions to those problems, or other critical DBA tasks. Oracle SQL: Jumpstart with Examples is the fastest way to get started and to quickly locate answers to common (and uncommon) questions. It includes all the basic queries: filtering, sorting, operators, conditionals, pseudocolumns, single row functions, joins, grouping and summarizing, grouping functions, subqueries, composite queries, hierarchies, flashback queries, parallel queries, expressions and regular expressions, DML, datatypes (including collections), XML in Oracle, DDL for basic database objects such as tables, views and indexes, Oracle Partitioning, security, and finally PL/SQL. * Each of the hundreds of SQL code examples was tested on a working Oracle 10g database * Invaluable everyday tool that provides an absolute plethora of properly tested examples of Oracle SQL code * Authors have four decades of commercial experience between them as developers and database administrators

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

Mastering Oracle SQL and SQL*Plus *Apress*

*Ideal for anyone who wants to learn SQL programming for Oracle database. *Author has 25 years of teaching experience; 14 years of curriculum development experience; 14 years of experience with the Oracle database. *Book can be used as collateral/handouts for SQL training courses at universities/ high schools.

Oracle PL/SQL for DBAs

Security, Scheduling, Performance & More *"O'Reilly Media, Inc."*

PL/SQL, Oracle's powerful procedural language, has been the cornerstone of Oracle application development for nearly 15 years. Although primarily a tool for developers, PL/SQL has also become an essential tool for database administration, as DBAs take increasing responsibility for site performance and as the lines between developers and DBAs blur. Until now, there has not been a book focused squarely on the language topics of special concern to DBAs. Oracle PL/SQL for DBAs fills the gap. Covering the latest Oracle version, Oracle Database 10g Release 2 and packed with code and usage examples, it contains:

- A quick tour of the PL/SQL language, providing enough basic information about language fundamentals to get DBAs up and running
- Extensive coverage of security topics for DBAs: Encryption (including both traditional methods and Oracle's new Transparent Data Encryption, TDE); Row-Level Security (RLS), Fine-Grained Auditing (FGA); and random value generation
- Methods for DBAs to improve query and database performance with cursors and table functions
- Coverage of Oracle scheduling, which allows jobs such as database monitoring and statistics gathering to be scheduled for regular execution

Using Oracle's built-in packages (DBMS_CRYPTO, DBMS_RLS, DBMS_FGA, DBMS_RANDOM, DBMS_SCHEDULING) as a base, the book describes ways of building on top of these packages to suit particular organizational needs. Authors are Arup Nanda, Oracle Magazine 2003 DBA of the Year, and Steven Feuerstein, the world's foremost PL/SQL expert and coauthor of the classic reference, Oracle PL/SQL Programming. DBAs who have not yet discovered how helpful PL/SQL can be will find this book a superb introduction to the language and its special database

administration features. Even if you have used PL/SQL for years, you'll find the detailed coverage in this book to be an invaluable resource.

SQL For Dummies *John Wiley & Sons*

See how SQL interfaces with today's environments. Start building and using relational databases with SQL's newest features. The database may be the twenty-first century filing cabinet, but building one is a little more complex than sliding drawers into a metal box. With this book to guide you through all the newest features of SQL, you'll soon be whipping up relational databases, using SQL with XML to power data-driven Web sites, and more!

- Discover how to
- * Use SQL in a client/server system
- * Build a multitable relational database
- * Construct nested and recursive queries
- * Set up database security
- * Use SQL within applications
- * Map SQL to XML

Oracle PL/SQL Language

Pocket Reference *"O'Reilly Media, Inc."*

Provides a reference to basic language elements including block structure and declarations, statements for program control, and the calling of functions.

Statistical Analysis with R For Dummies *John Wiley & Sons*

Understanding the world of R programming and analysis has never been easier. Most guides to R, whether books or online, focus on R functions and procedures. But now, thanks to Statistical Analysis with R For Dummies, you have access to a

trusted, easy-to-follow guide that focuses on the foundational statistical concepts that R addresses—as well as step-by-step guidance that shows you exactly how to implement them using R programming. People are becoming more aware of R every day as major institutions are adopting it as a standard. Part of its appeal is that it's a free tool that's taking the place of costly statistical software packages that sometimes take an inordinate amount of time to learn. Plus, R enables a user to carry out complex statistical analyses by simply entering a few commands, making sophisticated analyses available and understandable to a wide audience. *Statistical Analysis with R For Dummies* enables you to perform these analyses and to fully understand their implications and results. Gets you up to speed on the #1 analytics/data science software tool Demonstrates how to easily find, download, and use cutting-edge community-reviewed methods in statistics and predictive modeling Shows you how R offers intel from leading researchers in data science, free of charge Provides information on using R Studio to work with R Get ready to use R to crunch and analyze your data—the fast and easy way!

Oracle PL/SQL Programming In Simple Steps *Dreamtech Press*

This book effectively explains the concept of PL/SQL programming. It gives short yet complete description of the PL/SQL programming concepts and explains them step by step. This book provides core information that every PL/SQL developer should know to write PL/SQL programs, interact with Oracle databases, perform complex calculations, and handle exceptions.

Loaded with lots of examples and illustrations to explain concepts, this book would help you learn PL/SQL programming with minimal effort.

Oracle PL/SQL Programming: A Developer's Workbook

Oracle Development Languages *"O'Reilly Media, Inc."*

However excellent they are, most computer books are inherently passive--readers simply take in text without having any opportunity to react to it. The Oracle PL/SQL Developer's Workbook is a different kind of animal! It's designed to engage you actively, to get you solving programming problems immediately, and to help you apply what you've learned about PL/SQL--and in the process deepen your knowledge of the language. By tackling the exercises in this workbook, you'll find yourself moving more rapidly along the learning curve to join the growing ranks of PL/SQL experts. The Oracle PL/SQL Developer's Workbook is a companion to Steven Feuerstein's bestselling *Oracle PL/SQL Programming* and his other PL/SQL books from O'Reilly. It contains a carefully constructed set of problems and solutions that will test your language skills and help you become a better developer--both with PL/SQL and with other languages. Exercises are provided at three levels: beginner, intermediate, and expert. The workbook exercises cover all the major features of PL/SQL, including those new to Oracle8i (e.g., Java and web features, autonomous transactions, and bulk binds). You'll find chapters on: Basic language elements--variables, naming, loops, conditional and sequential control, exception handling, and records. Data structures--index-by tables, nested tables,

variables arrays (VARARRAYs), and object technology. Database interaction--cursors, DML and transaction management, cursor variables, and native dynamic SQL Program construction--procedures, functions, blocks, packages, database triggers, and calling PL/SQL functions in SQL. Built-in functionality--the character, date, conversion, numeric, and miscellaneous functions, and the DBMS_SQL, DBMS_PIPE, DBMS_OUTPUT, UTL_FILE, and DBMS_JOB built-in packages. Miscellaneous topics--using Java with PL/SQL, external programs, PL/SQL web development, tuning PL/SQL, and PL/SQL for DBAs.

Oracle PL/SQL Programming

Covers Versions Through Oracle Database 12c "O'Reilly Media, Inc."

Considered the best Oracle PL/SQL programming guide by the Oracle community, this definitive guide is precisely what you need to make the most of Oracle's powerful procedural language. The sixth edition describes the features and capabilities of PL/SQL up through Oracle Database 12c Release 1. Hundreds of thousands of PL/SQL developers have benefited from this book over the last twenty years; this edition continues that tradition. With extensive code examples and a lively sense of humor, this book explains language fundamentals, explores advanced coding techniques, and offers best practices to help you solve real-world problems. Get PL/SQL programs up and running quickly, with clear instructions for executing, tracing, testing, debugging, and managing code Understand new 12.1 features, including the ACCESSIBLE_BY clause, WITH FUNCTION and UDF pragma,

BEQUEATH CURRENT_USER for views, and new conditional compilation directives Take advantage of extensive code samples, from easy-to-follow examples to reusable packaged utilities Optimize PL/SQL performance with features like the function result cache and Oracle utilities such as PL/Scope and the PL/SQL hierarchical profiler Build modular, easy-to-maintain PL/SQL applications using packages, procedures, functions, and triggers

Easy Oracle PL/SQL

Get Started Fast with Working PL/SQL Code Examples *Rampant Techpress*

Provides instructions on how to create, debug, and execute PL/SQL code.

Oracle PL/SQL Performance Tuning Tips & Techniques *McGraw Hill Professional*

Proven PL/SQL Optimization Solutions In Oracle PL/SQL Performance Tuning Tips & Techniques, Oracle ACE authors with decades of experience building complex production systems for government, industry, and educational organizations present a hands-on approach to enabling optimal results from PL/SQL. The book begins by describing the discovery process required to pinpoint performance problems and then provides measurable and repeatable test cases. In-depth coverage of linking SQL and PL/SQL is followed by deep dives into essential Oracle Database performance tuning tools. Real-world examples and best practices are included throughout this Oracle Press guide. Follow

a request-driven nine-step process to identify and address performance problems in web applications Use performance-related database tools, including data dictionary views, logging, tracing, PL/SQL Hierarchical Profiler, PL/Scope, and RUNSTATS Instrument code to pinpoint performance issues using call stack APIs, error stack APIs, and timing markers Embed PL/SQL in SQL and manage user-defined functions Embed SQL in PL/SQL using a set-based approach to handle large volumes of data Properly write and deploy data manipulation language triggers to avoid performance problems Work with advanced datatypes, including LOBs and XML Use caching techniques to avoid redundant operations Effectively use dynamic SQL to reduce the amount of

code needed and streamline system management Manage version control and ensure that performance fixes are successfully deployed Code examples in the book are available for download.

Oracle PL/SQL CD Bookshelf *"O'Reilly Media, Inc."*

Readers get the complete text of the following books on CD-ROM: "Oracle PL/SQL Programming, Advanced PL/SQL Programming, Oracle Web Applications, Oracle Built-in Packages, Oracle Developer's Workbook, Oracle PL/SQL Pocket Reference, Oracle Built-ins Pocket Reference", and "Oracle PL/SQL Programming: A Guide to Oracle 8i Features".