

# Free Download Mastering Oracle PL/SQL Practical Solutions Paperback Connor McDonald Author Ch

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*Mastering Oracle PL/SQL* Cengage Learning

The traditional division of labor between the database (which only stores and manages SQL and XML data for fast, easy data search and retrieval) and the application server (which runs application or business logic, and presentation logic) is obsolete. Although the book's primary focus is on programming the Oracle Database, the concepts and techniques provided apply to most RDBMS that support Java including Oracle, DB2, Sybase, MySQL, and PostgreSQL. This is the first book to cover new Java, JDBC, SQLJ, JPublisher and Web Services features in Oracle Database 10g Release 2 (the coverage starts with Oracle 9i Release 2). This book is a must-read for database developers audience (DBAs, database applications developers, data architects), Java developers (JDBC, SQLJ, J2EE, and OR Mapping frameworks), and to the emerging Web Services assemblers. - Describes pragmatic solutions, advanced database applications, as well as provision of a wealth of code samples. - Addresses programming models which run within the database as well as programming models which run in middle-tier or client-tier against the database. - Discusses languages for stored procedures: when to use proprietary languages such as PL/SQL and when to use standard languages such as Java; also running non-Java scripting languages in the database. - Describes the Java runtime in the Oracle database 10g (i.e., OracleJVM), its architecture, memory management, security management, threading, Java execution, the Native Compiler (i.e., NCOMP), how to make Java known to SQL and PL/SQL, data types mapping, how to call-out to external Web components, EJB components, ERP frameworks, and external databases. - Describes JDBC programming and the new Oracle JDBC 10g features, its advanced

connection services (pooling, failover, load-balancing, and the fast database event notification mechanism) for clustered databases (RAC) in Grid environments. - Describes SQLJ programming and the latest Oracle SQLJ 10g features, contrasting it with JDBC. - Describes the latest Database Web services features, Web services concepts and Services Oriented Architecture (SOA) for DBA, the database as Web services provider and the database as Web services consumer. - Abridged coverage of JPublisher 10g, a versatile complement to JDBC, SQLJ and Database Web Services. Oracle APEX Best Practices Apress

New Oracle database administrators can get off the ground running. This book helps you develop the ability to think on your feet and move focus in an instant from arcane syntax details to broad, corporate issues. Along the way, you will see how to create your first database and implement best practices to ensure a well-running database system. What makes Oracle DBA Mentor different is that it also teaches you how to obtain answers that are not found in this or other books. Focus is given to creating a test bed and running test cases to examine hypotheses and prove out solutions so you can be sure they work in production. Attention is given to navigating product documentation and networking in forums and social media to build your skills and a network to draw on when solving problems under pressure. There are chapters of step-by-step technical content as well as coverage of essential skills to succeed as a DBA no matter which database engine you administer. By the time you are done reading this book, you will have confidence to face many of the situations thrown in your direction. You will know where to go for the answers you don't yet know that you need. You'll be able to work and troubleshoot under pressure. You'll know how to create a database, institute backup and recovery procedures, secure the database and its valuable corporate data, and acquire more knowledge as needed so you can run a database to

meet the needs of your organization. What You'll Learn Install Oracle Database with best practices Implement backup and recovery procedures Understand the fundamentals of databases and data security Find answers to technical problems using Oracle documentation, Oracle Support, and other resources Patch and upgrade an Oracle database Who This Book Is For The novice database administrator who wants help getting off the ground with their DBA career, and in building the skills to let that career flourish in the long term. Mid-level DBAs will also find the book helpful as they try to grow their career to the next level. While the book is geared toward the Oracle platform, database administrators from other platforms can benefit from the soft skills covered in this book. Expert Oracle JDBC Programming Pearson Education JDBC is the most commonly used API in Java to access and manipulate data in a database. Oracle is one of the most popular and scalable databases in the world. This book is a must-have for any developer building an application that employs JDBC on Oracle database. Unlike other JDBC books, this book has been written to complement not rehash the contents of Oracle JDBC documentation and the JDBC specification. The book teaches you not just how to write JDBC code, but how to write effective JDBC code in a step-by-step fashion. This book does not assume any prior knowledge of JDBC, though it does assume basic knowledge of SQL and PL/SQL. It covers JDBC with a focus on writing high-performing, scalable and secure applications for Oracle 10g and 9i.

Oracle PL/SQL Language Pocket Reference McGraw Hill Professional

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 by Example "O'Reilly Media, Inc."

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.

Oracle PL/SQL Interactive Workbook Tata McGraw-Hill Education

Perl is a very powerful tool for Oracle database administrators, but too few DBAs realize how helpful Perl can be in managing, monitoring, and tuning Oracle databases. Whether you're responsible for Oracle9i, Oracle8i, or earlier databases, you'll find Perl an invaluable addition to your database administration arsenal. You don't need to be a Perl expert to use the excellent applications and scripts described in *Perl for Oracle DBAs*. The book explains what you need to know about Perl, provides a wealth of ready-to-use scripts developed especially for Oracle DBAs, and suggests many resources for further exploration. The book covers:

The Perl language -- an introduction to Perl, its rich history and culture, and its extensive text processing and data transformation capabilities. The Perl/Oracle architecture -- Detailed information about Perl DBI, DBD::Oracle, the Oracle Call Interface (OCI), Oracle::OCI, extproc\_perl, and mod\_perl, the modules that allow Perl programs to communicate with Oracle databases. Perl applications for Oracle DBAs -- Profiles of the best Perl open source applications available for use and customization by Oracle DBAs: Perl/Tk, OraExplains, StatsView, Orac, DDL::Oracle, SchemaDiff, Senora, DBD::Chart, SchemaView-Plus, Oracletool, Karma, Embperl, and Mason. The Perl Database Administration (PDBA) Toolkit -- a comprehensive suite of specialized, ready-to-use scripts designed to help Oracle DBAs perform both routine and special-purpose administrative tasks: monitoring the Oracle alert log and databases, creating and managing Oracle user accounts, maintaining indexes and extents, extracting DDL and data, troubleshooting and tuning database problems, and much more. The book also explains how Oracle DBAs and developers can extend the toolkit and solve their own database administration problems using Perl.

Advanced Oracle PL/SQL Packt Publishing Ltd

*Design Databases with Oracle SQL Developer Data Modeler* In this practical guide, Oracle ACE Director Heli Helskyaho explains the process of database design using Oracle SQL Developer Data Modeler—the powerful, free tool that flawlessly supports Oracle and other database environments, including Microsoft SQL Server and IBM DB2. *Oracle SQL Developer Data Modeler for Database Design Mastery* covers requirement analysis, conceptual, logical, and physical design, data warehousing, reporting, and more. Create and deploy high-performance enterprise databases on any platform using the expert tips and best practices in this Oracle Press book. *Configure Oracle SQL Developer Data Modeler* Perform requirement analysis Translate requirements into a formal conceptual data model and process models Transform the conceptual (logical) model into a relational model Manage physical database design Generate data definition language (DDL) scripts to create database objects Design a data warehouse database Use subversion for version control and to enable a multiuser environment Document an existing database Use the reporting tools in Oracle SQL Developer Data Modeler Compare designs and the database

Oracle and PL/SQL Recipes Addison-Wesley

*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.MHPProfessional.com](http://www.MHPProfessional.com). TAG: For a complete list of Oracle Press titles, visit [www.OraclePressBooks.com](http://www.OraclePressBooks.com)

Oracle SQL\*Plus "O'Reilly Media, Inc."

This exceptional book explains fundamentals in detail, supported by realistic examples, while most other books on the market do not properly cover such basics. If you work with relational databases you need to understand the SQL language. And you will gain full competence to define, access, and manipulate data in an Oracle database, if you do so following this book's guidance. This book is fully compliant with the latest version of the ANSI SQL standard, and fully updated for the Oracle 10g database. Furthermore, this book is based on a popular Netherlands college textbook (currently in its third edition). And author Lex de Haan is vastly experienced with the Oracle database, and has 25 years of teaching experience. de Haan is also a member of the ANSI/ISO SQL standardization national body.

Mastering Oracle7 & Client/server Computing Apress

*Build and manage your Oracle Database XE environment with this fast paced, practical guide* Practical Oracle SQL Apress

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 SQL and PL/SQL for Developers "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.

Mastering Oracle PL/SQL 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.

Pro Oracle SQL Packt Publishing Ltd

Support for regular expressions in SQL and PL/SQL is one of the most exciting features of Oracle Database 10G. Oracle has long supported the ANSI-standard LIKE predicate for rudimentary pattern matching, but regular expressions take pattern matching to a

new level. They provide a powerful way to select data that matches a pattern, as well as to manipulate, rearrange, and change that data. This concise pocket guide is part tutorial and part quick-reference. It's suitable for those who have never used regular expressions before, as well as those who have experience with Perl and other languages supporting regular expressions. The book describes Oracle Database 10G's support for regular expressions, including globalization support and differences between Perl's syntax and the POSIX syntax supported by Oracle 10G. It also provides a comprehensive reference, including examples, to all supported regular expression operators, functions, and error messages. O'Reilly's Pocket References have become a favorite among developers and database administrators everywhere. By providing a wealth of important details in a concise, well-organized format, these handy books deliver just what you need to complete the task at hand. Whether you're using regular expressions for the first time or applying your skills from other languages to the latest version of Oracle, the Oracle Regular Expressions Pocket Reference is the book to have close by.

Oracle Regular Expressions Pocket Reference O'Reilly Media

If you work with Oracle in any capacity, whether as a Java programmer, Database Administrator, or PL/SQL programmer, chances are good that you write SQL statements to query for data within the database. Knowledge of SQL, and particularly of Oracle's implementation of SQL, is the key to writing good queries in a timely manner. In this book, authors Sanjay Mishra and Alan Beaulieu share their knowledge of Oracle SQL, and show you many creative techniques that you can use to advantage in your own applications. Book jacket.

Oracle Database 11G Sql O'Reilly Media

Do you need more from a PL/SQL book than just the correct keywords and some pretty syntax diagrams? Have you been searching in vain for real-world examples and genuine strategies for maximizing the benefits of PL/SQL within your organization? You'll find them here in Mastering Oracle PL/SQL: Practical Solutions, the inaugural title of the pioneering OakTable Press series from Apress. This isn't a tutorial on how to code PL/SQL. It's designed to show you how to code PL/SQL well. It shows you how to write code that will run quickly and won't break in high-load, multiuser environments. It covers the vast array of the functionality that PL/SQL provides, including effective handling of relational and abstract data, security, triggers, dynamic web content presentation from within the database, creation of a DBA toolkit, and effective debugging techniques. This book sets out to redress the unjust criticism leveled at PL/SQL in years gone by. It gives you the tools

and techniques to ensure that, whatever your needs are, the PL/SQL you build will run as efficiently as possible. The practical solutions provided in this book will help you to realize the true power and functionality PL/SQL can offer your projects. If you're brand-new to PL/SQL, then you'll want to take some time to get familiar with the language before tackling this book. It's not for the total beginner. But once you're up and running, you'll find this book an invaluable guide for ensuring that the PL/SQL solutions you build are robust, perform well, and are easy to maintain.

Mastering Oracle SQL and SQL\*Plus John Wiley & Sons

Master Oracle Fusion Applications Design and Personalization

Deliver highly adaptable business applications that bolster productivity and drive informed decision-making. Oracle Fusion Applications Development and Extensibility Handbook contains best practices, real-world case studies, and technical deep dives. Discover how to manage design- and run-time customizations, extend existing UIs and build new ones, secure your applications, and integrate with other systems. This Oracle Press guide offers complete coverage of the latest cloud and SOA-based features. Explore Oracle Fusion Applications components and architecture Plan, develop, debug, and deploy customizations Extend out-of-the-box functionality with Oracle JDeveloper Modify web applications using Oracle Composer Incorporate Oracle SOA Suite 11g composites Validate code through sandboxes and test environments Secure data using authorization, authentication, and encryption Design and distribute personalized BI reports Automate jobs with Oracle Enterprise Scheduler Change appearance and branding of your applications with the Oracle ADF Skin Editor Extend and customize CRM with Application Composer

Learning SQL Apress

Write powerful queries using as much of the feature-rich Oracle SQL language as possible, progressing beyond the simple queries of basic SQL as standardized in SQL-92. Both standard SQL and Oracle's own extensions to the language have progressed far over the decades in terms of how much you can work with your data in a single, albeit sometimes complex, SQL statement. If you already know the basics of SQL, this book provides many examples of how to write even more advanced SQL to huge benefit in your applications, such as: Pivoting rows to columns and columns to rows Recursion in SQL with MODEL and WITH clauses Answering Top-N questions Forecasting with linear regressions Row pattern matching to group or distribute rows Using MATCH\_RECOGNIZE as a row processing engine The process of starting from simpler statements in SQL, and gradually working those statements stepwise into more complex statements that deliver powerful results, is covered in each

example. By trying out the recipes and examples for yourself, you will put together the building blocks into powerful SQL statements that will make your application run circles around your competitors. What You Will Learn Take full advantage of advanced and modern features in Oracle SQL Recognize when modern SQL constructs can help create better applications Improve SQL query building skills through stepwise refinement Apply set-based thinking to process more data in fewer queries Make cross-row calculations with analytic functions Search for patterns across multiple rows using row pattern matching Break complex calculations into smaller steps with subquery factoring Who This Book Is For Oracle Database developers who already know some SQL, but rarely use features of the language beyond the SQL-92 standard. And it is for developers who would like to apply the more modern features of Oracle SQL, but don't know where to start. The book also is for those who want to write increasingly complex queries in a stepwise and understandable manner. Experienced developers will use the book to develop more efficient queries using the advanced features of the Oracle SQL language.

Oracle DBA Mentor McGraw Hill Professional

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.

Getting Started with SQL Apress

In clearly written chapters you will be guided through different aspects of Oracle Application Express. Varying from setting up your environment to maximizing SQL and PL/SQL. Examples are given based on a simple but appealing case. This book is filled with best practices on how to make the most of Oracle APEX. Developers beginning with application development as well as those who are experienced will benefit from this book. You will need to have basic knowledge of SQL and PL/SQL to follow the examples in this book.