

Sqlplus User Guide And Reference 11g

The Unix for Oracle DBAs Pocket Reference puts within easy reach the commands that Oracle database administrators need most when operating in a Unix environment. If you are an Oracle DBA moving to Unix from another environment such as Windows NT or IBM Mainframe, you know that these commands are far different from those covered in most beginning Unix books. To jump start your learning process, Don Burleson has gathered together in this succinct book the Unix commands he most often uses when managing Oracle databases. You'll be able to reach into your pocket for the answer when you need to know how to: Display all Unix components related to Oracle, identify the top CPU consumers on your server, and even kill processes when necessary Stack Unix commands into powerful scripts that can perform vital DBA functions Monitor Unix filesystems, and automatically manage your trace files, dump files, and archived redo log files Use essential server monitoring commands such as top, sar, and vmstat And there's much more between these covers. If you need to get up to speed with Oracle on Unix, and quickly, this book is for you.

Beginning Oracle SQL is your introduction to the interactive query tools and specific dialect of SQL used with Oracle Database. These tools include SQL*Plus and SQL Developer. SQL*Plus is the one tool any Oracle developer or database administrator can always count on, and it is widely used in creating scripts to automate routine tasks. SQL Developer is a powerful, graphical environment for developing and debugging queries. Oracle's is possibly the most valuable dialect of SQL from a career standpoint. Oracle's database engine is widely used in corporate environments worldwide. It is also found in many government applications. Oracle SQL implements many features not found in competing products. No developer or DBA working with Oracle can afford to be without knowledge of these features and how they work, because of the performance and expressiveness they bring to the table. 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 What you'll learn Create database tables and define their relationships. Add data to your tables. Then change and delete that data. Write database queries that generate accurate results. Avoid common traps and pitfalls in writing SQL queries, especially from nulls. Reap the performance and expressiveness of analytic and window functions. Make use of Oracle Database's support for object types. Write recursive queries to query hierarchical data. Who this book is for Beginning Oracle SQL is aimed at developers and database administrators who must write SQL statements to execute against an Oracle database. No prior knowledge of SQL is assumed. Table of Contents 1. Relational Database Systems and Oracle 2. Introduction to SQL and SQL*Plus, and SQL Developer 3. Data Definition, Part I 4. Retrieval: The Basics 5. Retrieval: Functions 6. Data Manipulation 7. Data Definition, Part II 8. Retrieval: Joins and Grouping 9. Retrieval: Advanced Features 10. Views 11. Automating 12. Object-Relational Features 13. Appendix A – Case Tables 14.

Appendix B – Exercise Solutions

This pocket guide presents the most crucial information about SQL in a compact and easily accessible format, covering the four commonly used SQL variants--Oracle, IBM DB2, Microsoft SQL Server, and MySQL. Topics include: Data manipulation statements (SELECT, DELETE, INSERT, UPDATE, MERGE) and transaction control statements (START TRANSACTION, SAVEPOINT, COMMIT, ROLLBACK). Common SQL functions (date, numeric, math, trigonometric, string, conversion, aggregate) Such topics as literals, NULLs, CASE expressions, datatype conversion, regular expressions, grouping and summarizing data, joining tables, and writing queries (hierarchical, recursive, union, flashback) and subqueries. Instead of presenting complex and confusing syntax diagrams, the book teaches by example, showing the SQL statements and options that readers are most like to use. All example data is available on the O'Reilly web site. "If you need fast, accurate SQL information, with examples for multiple database engines, be sure to check out this book."--Chris Kempster, Senior DBA and author of SQL Server 2000 for the Oracle DBA, www.chriskempster.com

Despite its wide availability and usage, few developers and DBAs have mastered the true power of Oracle SQLPlus. This bestselling book--now updated for Oracle 10g--is the only in-depth guide to this interactive query tool for writing SQL scripts. It's an essential resource for any Oracle user. The new second edition of Oracle SQLPlus: The Definitive Guide clearly describes how to perform, step-by-step, all of the tasks that Oracle developers and DBAs want to perform with SQLPlus--and maybe some you didn't realize you could perform. With Oracle SQLPlus: The Definitive Guide, you'll expertly: write and execute script files generate ad hoc reports extract data from the database query the data dictionary tables customize an SQLPlus environment and much more It also includes a handy quick reference to all of its syntax options and an often-requested chapter on SQL itself, along with a clear, concise, and complete introduction. This book is truly the definitive guide to SQLPlus. It's an indispensable resource for those who are new to SQL*Plus, a task-oriented learning tool for those who are already using it, and an immediately useful quick reference for every user. If you want to leverage the full power and flexibility of this popular Oracle tool, you'll need this book. The authors have revised and updated this bestseller to include both the Oracle8i and new Oracle9i Internet-savvy database products.

If you're considering R for statistical computing and data visualization, this book provides a quick and practical guide to just about everything you can do with the open source R language and software environment. You'll learn how to write R functions and use R packages to help you prepare, visualize, and analyze data. Author Joseph Adler illustrates each process with a wealth of examples from medicine, business, and sports. Updated for R 2.14 and 2.15, this second edition includes new and expanded chapters on R performance, the ggplot2 data visualization package, and parallel R computing with Hadoop. Get started quickly with an R tutorial and hundreds of examples Explore R syntax, objects, and other language details Find thousands of user-contributed R packages online, including Bioconductor Learn how to use R to prepare data for analysis Visualize your data with R's graphics, lattice, and ggplot2 packages Use R to calculate statistical tests, fit models, and compute probability distributions

Speed up intensive computations by writing parallel R programs for Hadoop Get a complete desktop reference to R Entwickelt und am Fallbeispiel erläutert werden Methoden zur Organisations-, Daten- und Funktionsmodellierung. Dabei wird der Erhaltung und Integration bestehender Anwendungssysteme besondere Aufmerksamkeit gewidmet.

Sam Alapati's Expert Oracle Database 11g Administration is a comprehensive handbook for Oracle database administrators (DBAs) using the 11g release of the Oracle Database. All key aspects of database administration are covered, including backup and recovery, day-to-day administration and monitoring, performance tuning, and more. This is the one book to have on your desk as a continual reference. Refer to it frequently. It'll help you get the job done. Comprehensive handbook for Oracle Database administrators. Covers all major aspects of database administration. Tests and explains in detail key DBA commands. Offers primers on Linux/Unix, data modeling, SQL, and PL/SQL.

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)

Through clear language, step-by-step discussions, and quizzes at the end of each chapter, the author makes databases easy. Quickly learn the core skills needed to design, configure, manage, and manipulate databases, whether at work or at home. Topics such as exploring different database models, planning their design, minimizing redundant data, designing tables, applying database design concepts, and implementing database security are covered. This is that fast, easy-to-understand tutorial that you've been looking for.

*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.

The Oracle Utilities Pocket Reference is a handy, quick-reference guide to the multitude of Oracle utilities that database administrators (DBAs) use every hour of every day. As the undisputed leader among database products, Oracle is grasped conceptually by most DBAs. However, they understandably may not recall the specific utility to use for a given task, and, more commonly, won't in many cases remember the syntax to use. And that's exactly what the Oracle Utilities Pocket Reference supplies--the syntax and options for whatever utility a DBA needs to perform a given task. Some of the utilities documented in this guide include: SQL*Loader, for loading data expdp and exp for exporting data to another database oradebug for use in troubleshooting loadjava and dropjava for loading and unloading Java programs Packed with information in an easy-to-read format, this valuable resource is ideal for any experienced DBA. Even database programmers who deal with Oracle will truly appreciate having the Oracle Utilities Pocket Reference close at hand. Authored by Sanjay Mishra, a foremost authority on Oracle systems, this convenient and compact guide is focused and to-the-point, eliminating any potential guesswork or difficult memorization. The Oracle Utilities Pocket Reference is part of the strong-selling collection of O'Reilly "pocket reference" books.

This book constitutes the refereed proceedings of the Third European Workshop on Case-Based Reasoning, EWCBR-96, held in Lausanne, Switzerland, in November 1996. Case-based reasoning is an appealing technique for dealing with the knowledge acquisition bottleneck in computer applications; solutions to new problems are found by adapting similar experience from the past, called cases. The 38 revised full papers presented were carefully selected from a broad variety of submissions after a thorough refereeing process. The volume reflects the state of the art in case-based reasoning research and applications.

A complete guide to SQL*Loader, a utility used to move data from external files into an Oracle database, offers step-by-step instruction in the various applications of SQL*Loader, providing a task-oriented approach that covers the latest Oracle 8 and Oracle 8i features. Original. (Beginner/Intermediate)

Many databases are large and complex, making them very difficult to manage. In turn, data can become difficult to access, expensive to store, and even damaged or destroyed. Oracle 9i offers new functionality for the Oracle database system, ensuring that the database runs quickly, efficiently, and reliably. Shows the best techniques, tips, and tools for Oracle systems New edition focuses on the 9i version, but also covers releases 8 and 8i since many organizations still support these versions Companion Web site includes all of the software scripts to manage a database, plus links to lite and demo versions of database management software and other DBA tools

This practical book for PHP/Oracle developers is built around well explained, easy-to-follow example code to build robust, efficient, secure solutions covering popular current topics on using PHP with Oracle. Assuming no special skill level, experienced author Yuli Vasiliev shows how to install and configure PHP and Oracle; connect PHP to Oracle; move application business logic to Oracle; build transactional applications; use security features; improve performance with caching; employ XML features; implement SOAP web services; build Ajax-driven PHP/Oracle solutions. Building and deploying PHP applications on Oracle Database combines the power and robustness of Oracle with the easy, rapid development of open-source PHP to achieve high-performance, scalable, reliable data-driven web applications with minimal effort. Unlike some other databases, Oracle allows building the key business logic of PHP applications inside the database, moving data processing from web server to database server.

Design Feature-Rich PL/SQL Applications Deliver dynamic, client/server PL/SQL applications with expert guidance from an Oracle programming professional. With full coverage of the latest features and tools, Oracle Database 11g PL/SQL Programming lays out each topic alongside detailed explanations, cut-and-paste syntax examples, and real-world case studies. Access and modify database information, construct powerful PL/SQL statements, execute effective queries, and deploy bulletproof security. You'll also learn how to implement C, C++, and Java procedures, Web-enable your database, cut development time, and optimize performance. Create, debug, and manage Oracle-driven PL/SQL programs Use PL/SQL structures, delimiters, operators, variables, and statements Identify and eliminate errors using PLSQL_WARNINGS and exception handlers Work with functions, procedures, packages, collections, and triggers Define and deploy varray, nested table, and associative array data types Handle

external routines, object types, large objects, and secure files Communicate between parallel sessions using DBMS_ALERT and DBMS_PIPE Call external procedures through Oracle Net Services and PL/SQL wrappers Integrate internal and server-side Java class libraries using Oracle JVM Develop robust Web applications using PL/SQL Gateway and Web Toolkit

Despite the wide use of SQL *Plus, few developers and database administrators know how powerful it really is. And the syntax can sometimes be tricky. This portable guide provides a quick reference to subjects such as interacting with SQL *Plus, selecting data, formatting reports, writing scripting, and tuning SQL. There's also a command reference.

PL/SQL von Oracle verbindet SQL mit den Vorteilen einer prozeduralen Programmiersprache wie Modularität und Verwendung von abstrakten Datentypen. Die neue Oracle-Version 7.1.6 erweitert den Einsatzbereich von PL/SQL erheblich und eröffnet neue Möglichkeiten des DB-Tunings. Das Buch beschreibt umfassend die Programmiersprache PL/SQL und deren Objekte, Funktionen, Prozeduren, Pakete und Trigger. Beispiele, Tips und Tricks zeigen die vielen Möglichkeiten für den sinnvollen Einsatz von PL/SQL auf. Mit dem Buch erhält der Leser erstmals einen umfassenden und praxisorientierten Einstieg, der den ganzen Bereich rund um PL/SQL abdeckt.

The Oracle SQLPlus Pocket Reference is a must-have for anyone working with Oracle databases, especially those looking to maximize the effectiveness of SQLPlus. As Oracle's long-standing interactive query tool, SQLPlus is available at every Oracle site, from the largest data warehouse to the smallest single-user system. Despite its wide use, however, SQLPlus is still often not completely understood or fully utilized. Database administrators and developers alike will therefore find the Oracle SQLPlus Pocket Reference to be extremely beneficial. In addition to summarizing all of the SQLPlus syntax and format options, including new Oracle Database 10g features, this handy, on-the-job guide specifically shows readers how to: Differentiate between SQL and SQLPlus Interact with SQLPlus from both the command line and the web browser Select, insert, update, and delete data Format both text and HTML reports with SQLPlus Specify SQLPlus commands and format elements Tune SQL queries The new third edition of this book has been updated for Oracle Database 10g to include information on both SQLPlus and SQL. New SQL information includes the SELECT statement's new MODEL clause, flashback queries, partition outer joins, and DBMS_XPLAN. With its quick-reference format and compact size, the Oracle SQLPlus Pocket Reference follows in the long line of successful "pocket references" offered by O'Reilly. It also serves as the ideal companion to O'Reilly's larger, more comprehensive book on SQLPlus, the bestselling Oracle SQLPlus: The Definitive Guide. Author Jonathan Gennick is an editor for O'Reilly specializing in database and programming titles, having amassed some 17 years of programming and database management experience.

This book is for you if you: Want to be either an Oracle administrator or developer; Need a tutorial that takes you from no knowledge to mastery of the Oracle database; Understand the underlying concepts behind relational databases; Have experience of basic SQL. What you will learn from this book: By the time you have completed this book, you will have all the knowledge you need to use Oracle databases with confidence. We will cover: Core Oracle terminology, tools, concepts, and architecture; The

functionality of the different versions and editions of Oracle (8, 8i, and 9i); Basic and advanced Oracle SQL; Mastering SQL*Plus as an Oracle development tool; Understanding tables, indexes, transactions and concurrency, views, triggers, and objects; Using PL/SQL to write and package procedural code in the database; Securing your Oracle applications; Evaluating performance and tuning your Oracle application; A SQL Toolkit of useful scripts that you can use in your database; Case studies that apply this knowledge to create two practical Oracle applications

The innovative performance and scalability features with each newer edition of the Oracle database system can present challenges for users. This book teaches software developers and students how to effectively deal with Oracle performance and scalability issues throughout the entire life cycle of developing Oracle-based applications. Using real-world case studies to deliver key theories and concepts, the book introduces highly dependable and ready-to-apply performance and scalability optimization techniques, augmented with Top 10 Oracle Performance and Scalability Features as well as a supplementary support website. A comprehensive examination of all the programming tools in Oracle's new Cooperative Development Environment (CDE), this text explores the capabilities of the CDE and details the creation of powerful GUI-based, client server and centralized information systems. Readers will acquire the skills necessary to quickly and easily complete the most complex information management projects.

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.

SQL Plus User's Guide and Reference Part no. 5142-31-1192 SQL Plus User's Guide and Reference Part no. 5142-31-1192 SQL*Plus User's Guide and Reference Release 8.0 PL/SQL User's Guide and Reference

* A detailed tutorial that takes you from no knowledge of Oracle programming to mastery, teaching you how to write correct, production quality code right from the start. * A clear, step-by-step guide to every aspect of programming the Oracle database, with practical programming techniques and troubleshooting advice from Oracle experts. * Provides an extensive SQL toolkit to tackle

common day-to-day database tasks

SQL is the language of databases. It's used to create and maintain database objects, place data into those objects, query the data, modify the data, and, finally, delete data that is no longer needed. Databases lie at the heart of many, if not most business applications. Chances are very good that if you're involved with software development, you're using SQL to some degree. And if you're using SQL, you should own a good reference or two. Now available in an updated second edition, our very popular SQL Pocket Guide is a major help to programmers, database administrators, and everyone who uses SQL in their day-to-day work. The SQL Pocket Guide is a concise reference to frequently used SQL statements and commonly used SQL functions. Not just an endless collection of syntax diagrams, this portable guide addresses the language's complexity head on and leads by example. The information in this edition has been updated to reflect the latest versions of the most commonly used SQL variants including: Oracle Database 10g, Release 2 (including the free Oracle Database 10g Express Edition (XE)) Microsoft SQL Server 2005 MySQL 5 IBM DB2 8.2 PostgreSQL 8.1 database

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.

You can use the SQL Plus program in conjunction with the SQL database language and its procedural language extension, PL/SQL. The SQL database language allows you to store and retrieve data in the Oracle Corporation relational database management system, the ORACLE RDBMS ... SQL Plus enables you to manipulate SQL commands and PL/SQL blocks, and to perform many additional tasks.-Overview of SQL Plus.

Annotation Find out how to use Oracle9i to get a business where it needs to be for the future of the Internet. Learn the ins and outs of the Oracle9i development environment from product installation to advanced management configuration.

Extend Oracle9i's functionality using the new database environment including: forms, reports, and Web sites built with PL/SQL, Java, XML, and Portal. Increase business interactivity with Oracle9i's new administrative features. Coverage of the following in an easy to learn format: building, monitoring, and tuning an Oracle9i database; learning the enhanced partitioning features of Oracle9i; building Web sites using Oracle9i and PL/SQL, Java, and XML; building forms and reports using Developer 6i; using the popular TOAD development tool; understanding newer tools such as Log Miner; and comprehensive tutorials on SQL and PL/SQL. Dan Hotka is a director of database field operations for Quest Software. He has more than 23 years of experience in the computer industry and more than 18 years of experience with Oracle products. He's an acknowledged Oracle expert, with Oracle experience dating back to the Oracle v4.0 days. His last book is Oracle8i from Scratch (Que) and he has co-authored the popular books Oracle Unleashed, Oracle8 Server Unleashed, Oracle Development Unleashed (all from Sams Publishing), and Special Edition Using Oracle8/8i (Que Publishing). Dan is frequently published in Oracle Professional, and regularly speaks at Oracle conferences and user groups around the world.

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1.1 The evolution of concepts and specifications for CAD data exchange

The CAD/CAM community has witnessed, during the last decade, the appearance of several specifications as well as proposals for standards which either attempt to cover wider areas or to be more reliable and stable than the others. With the rapid evolution of both hardware and software, the capabilities offered by CAD systems and CAD based application systems are far more advanced than they were only ten years ago, even when they are now based on micro-computers or personal computers. The situation with standards, however, is not and cannot be so. In order to be reliable and accepted by a wide community of both vendors and users, a standard has to be stable. This implies a life span of at least a decade. This also implies that the standard has to be general and flexible enough to accommodate present as well as expected future developments.

1.1.1 IGES

The initial development of concepts for CAD data exchange is strongly influenced by the US Integrated Computer Aided Manufacturing (ICAM) programme, that dealt with the development of methods for data exchange. In September 1979, a subgroup was established with participation of the National Bureau of Standards, the General Electric Company, and the Boeing Company. The result of this effort was the Initial Graphics Exchange Specification (IGES) that was published as a NBS report [61] in 1980.

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Annotation The must-have reference for users and implementers of Oracle Release 11i. This book provides the critical information required to configure and operate the Release11i applications in one book. Several readers have told us they saved tens of thousands of dollars after reading the previous edition of this book. Special Edition Using Oracle 11i has

about 40% new content over the previous version including a new projects chapter, a new order management chapter, screen shots, tips, and, Release11i specific material. This book is the most complete reference available for the latest release of the Oracle financial, manufacturing, HRMS, and projects applications. Part 1 introduces the Oracle ERP applications and Release11i concepts. Part 2 educates the reader on proven techniques for implementing these complex and integrated systems. Part 3 discusses configuration and usage of each of the financial, distribution, manufacturing, HRMS, and project applications. Part 4 discusses working with Oracle Support, consulting firms, and compatible software vendors. The appendixes review the employment market, consulting opportunities, and provide the reader with an implementation checklist. All of Release11i's new features are covered in-depth and in practical terms. Not only will readers understand Oracle's new capabilities, they will be able to apply them right away. The authors are highly respected consultants from BOSS Corporation. They have worked with the Oracle Applications for over eight years since Release 9. Each chapter is written and edited by an expert consultant on that topic. The authors have published many white papers and newsletters about the Oracle Applications. BOSS Corporation is an active sponsor of the Oracle Applications User Group (OAUG). The authors have attended the last 14 national conferences, presented more than a dozen white papers at OAUG conferences, participated in the vendor exhibit hall, identified key words for white paper classification, and edited articles that are included in OAUG publications.

Get a thorough understanding of Oracle Database 10g from the most comprehensive Oracle database reference on the market, published by Oracle Press. From critical architecture concepts to advanced object-oriented concepts, this powerhouse contains nearly 50 chapters designed to enlighten you. Upgrade from earlier versions, use SQL, SQL Plus, and PL/SQL. Get code examples and access popular documentation PDFs--plus a full electronic copy of the book on the included CD-ROM. Go beyond the basics and learn security, text searches, external tables, using Java in Oracle, and a great deal more.

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