

SQL Language Pocket Reference

Oracle PL/SQL Language Pocket Reference

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 PL/Sql Language Pocket Reference, 4/E

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Oracle PL/SQL Language Pocket Reference

Be more productive with the Oracle PL/SQL language. The fifth edition of this popular pocket reference puts the syntax of specific PL/SQL language elements right at your fingertips, including features added in Oracle Database 12c. Whether you're a developer or database administrator, when you need answers quickly, the Oracle PL/SQL Language Pocket Reference will save you hours of frustration with concise summaries of: Fundamental language elements, such as block structure, datatypes, and declarations Statements for program control, cursor management, and exception handling Records, procedures, functions, triggers, and packages Execution of PL/SQL functions in SQL Compilation options, object-oriented features, collections, and Java integration This handy pocket reference is a perfect companion to Steven Feuerstein and Bill Pribyl's bestselling Oracle PL/SQL Programming.

SQL

The third 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 10g 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, identifiers, variables, datatypes, and declarations); statements for program control, cursor management, and exception handling; the basics of records, procedures, functions, triggers, and packages; and the calling of PL/SQL functions in SQL. It also includes Oracle's object-oriented features, collections, external procedures, and Java integration. The third edition describes such Oracle Database 10g elements as regular expressions, compile-time warnings, more implicit conversions, FORALL support for nonconsecutive indexes, additional nested table functionality, user-defined quote characters, new datatypes (BINARY FLOAT and BINARY DOUBLE), and enhancements to PL/SQL native compilation.

Oracle PL/Sql Language Pocket Reference

SQL kann Spaß machen! Es ist ein erhebendes Gefühl, eine verworrene Datenmanipulation oder einen komplizierten Report mit einer einzigen Anweisung zu bewältigen und so einen Haufen Arbeit vom Tisch zu bekommen. Einführung in SQL bietet einen frischen Blick auf die Sprache, deren Grundlagen jeder Entwickler beherrschen muss. Die aktualisierte 2. Auflage deckt die Versionen MySQL 6.0, Oracle 11g und Microsoft SQL Server 2008 ab. Außerdem enthält sie neue Kapitel zu Views und Metadaten. SQL-Basics - in null Komma nichts durchstarten: Mit diesem leicht verständlichen Tutorial können Sie SQL systematisch und gründlich lernen, ohne sich zu langweilen. Es führt Sie rasch durch die Basics der Sprache und vermittelt darüber hinaus eine Reihe von häufig genutzten fortgeschrittenen Features. Mehr aus SQL-Befehlen herausholen: Alan Beaulieu will mehr vermitteln als die simple Anwendung von SQL-Befehlen: Er legt Wert auf ein tiefes Verständnis der SQL-Features und behandelt daher auch den Umgang mit Mengen, Abfragen innerhalb von Abfragen oder die überaus nützlichen eingebauten Funktionen von SQL. Die MySQL-Beispieldatenbank: Es gibt zwar viele Datenbankprodukte auf dem Markt, aber welches wäre zum Erlernen von SQL besser geeignet als MySQL, das weit verbreitete relationale Datenbanksystem? Der Autor hilft Ihnen, eine MySQL-Datenbank anzulegen, und nutzt diese für die Beispiele in diesem Buch. Übungen mit Lösungen: Zu jedem Thema finden Sie im Buch gut durchdachte Übungen mit Lösungen. So ist sichergestellt, dass Sie schnell Erfolgserlebnisse haben und das Gelernte auch praktisch umsetzen können.

Oracle PL/sql Language Pocket Reference

This updated edition describes features available in Oracle9i, and provides a quick reference that summarizes PL/SQL syntax for every developer who uses PL/SQL for database programming.

Einführung in SQL

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 PL/SQL Language

In this compact book, Steven Feuerstein, widely recognized as one of the world's leading experts on the Oracle PL/SQL language, distills his many years of programming, teaching, and writing about PL/SQL into a set of best practices-recommendations for developing successful applications. Covering the latest Oracle release, Oracle Database 11gR2, Feuerstein has rewritten this new edition in the style of his bestselling Oracle PL/SQL Programming. The text is organized in a problem/solution format, and chronicles the programming exploits of developers at a mythical company called My Flimsy Excuse, Inc., as they write code, make mistakes, and learn from those mistakes-and each other. This book offers practical answers to some of the hardest questions faced by PL/SQL developers, including: What is the best way to write the SQL logic in my application code? How should I write my packages so they can be leveraged by my entire team of developers? How can I make sure that all my team's programs handle and record errors consistently? Oracle

PL/SQL Best Practices summarizes PL/SQL best practices in nine major categories: overall PL/SQL application development; programming standards; program testing, tracing, and debugging; variables and data structures; control logic; error handling; the use of SQL in PL/SQL; building procedures, functions, packages, and triggers; and overall program performance. This book is a concise and entertaining guide that PL/SQL developers will turn to again and again as they seek out ways to write higher quality code and more successful applications. \"This book presents ideas that make the difference between a successful project and one that never gets off the ground. It goes beyond just listing a set of rules, and provides realistic scenarios that help the reader understand where the rules come from. This book should be required reading for any team of Oracle database professionals.\" --Dwayne King, President, KRIDAN Consulting

Oracle PL/SQL Language Pocket Reference, 4th Edition

This book has two objectives--to provide a comprehensive reference on using XML with Python; and to illustrate the practical applications of these technologies in an enterprise environment with examples.

Oracle PL/SQL Best Practices

Programming on the Web today can involve any of several technologies, but the Common Gateway Interface (CGI) has held its ground as the most mature method--and one of the most powerful ones--of providing dynamic web content. CGI is a generic interface for calling external programs to crunch numbers, query databases, generate customized graphics, or perform any other server-side task. There was a time when CGI was the only game in town for server-side programming; today, although we have ASP, PHP, Java servlets, and ColdFusion (among others), CGI continues to be the most ubiquitous server-side technology on the Web. CGI programs can be written in any programming language, but Perl is by far the most popular language for CGI. Initially developed over a decade ago for text processing, Perl has evolved into a powerful object-oriented language, while retaining its simplicity of use. CGI programmers appreciate Perl's text manipulation features and its CGI.pm module, which gives a well-integrated object-oriented interface to practically all CGI-related tasks. While other languages might be more elegant or more efficient, Perl is still considered the primary language for CGI. CGI Programming with Perl, Second Edition, offers a comprehensive explanation of using CGI to serve dynamic web content. Based on the best-selling CGI Programming on the World Wide Web, this edition has been completely rewritten to demonstrate current techniques available with the CGI.pm module and the latest versions of Perl. The book starts at the beginning, by explaining how CGI works, and then moves swiftly into the subtle details of developing CGI programs. Topics include: Incorporating JavaScript for form validation Controlling browser caching Making CGI scripts secure in Perl Working with databases Creating simple search engines Maintaining state between multiple sessions Generating graphics dynamically Improving performance of your CGI scripts

Python and XML

This is written for system administrators who may not have the time to learn about Slash by reading the source code. It collects all the current Slash knowledge from the code, Website and mailing lists and organizes it into a coherent package.

CGI Programming with Perl

A guide for beginners offers an overview of JavaScript basics and explains how to create Web pages, identify browsers, and integrate sound, graphics, and animation into Web applications.

Running Weblogs with Slash

One of Java's most striking claims is that it provides a secure programming environment. Yet despite endless

discussion, few people understand precisely what Java's claims mean and how it backs up those claims. If you're a developer, network administrator or anyone else who must understand or work with Java's security mechanisms, *Java Security* is the in-depth exploration you need. *Java Security*, 2nd Edition, focuses on the basic platform features of Java that provide security--the class loader, the bytecode verifier, and the security manager--and recent additions to Java that enhance this security model: digital signatures, security providers, and the access controller. The book covers the security model of Java 2, Version 1.3, which is significantly different from that of Java 1.1. It has extensive coverage of the two new important security APIs: JAAS (Java Authentication and Authorization Service) and JSSE (Java Secure Sockets Extension). *Java Security*, 2nd Edition, will give you a clear understanding of the architecture of Java's security model and how to use that model in both programming and administration. The book is intended primarily for programmers who want to write secure Java applications. However, it is also an excellent resource for system and network administrators who are interested in Java security, particularly those who are interested in assessing the risk of using Java and need to understand how the security model works in order to assess whether or not Java meets their security needs.

Designing with Javascript

Exim delivers electronic mail, both local and remote. It has all the virtues of a good postman: it's easy to talk to, reliable, efficient, and eager to accommodate even the most complex special requests. It's the default mail transport agent installed on some Linux systems, runs on many versions of Unix, and is suitable for any TCP/IP network with any combination of hosts and end-user mail software. Exim is growing in popularity because it is open source, scalable, and rich in features such as the following: Compatibility with the calling interfaces and options of Sendmail (for which Exim is usually a drop-in replacement) Lookups in LDAP servers, MySQL and PostgreSQL databases, and NIS or NIS+ services Support for many kinds of address parsing, including regular expressions that are compatible with Perl 5 Sophisticated error handling Innumerable tuning parameters for improving performance and handling enormous volumes of mail Best of all, Exim is easy to configure. You never have to deal with ruleset 3 or worry that a misplaced asterisk will cause an inadvertent mail bomb. While a basic configuration is easy to read and can be created quickly, Exim's syntax and behavior do get more subtle as you enter complicated areas like virtual hosting, filtering, and automatic replies. This book is a comprehensive survey that provides quick information for people in a hurry as well as thorough coverage of more advanced material.

Java Security

A practical introduction to SNMP for system network administrators. Starts with the basics of SNMP, how it works and provides the technical background to use it effectively.

Exim: The Mail Transfer Agent

This pocket reference provides quick-reference information that will help you use Oracle Corporation's extensive set of built-in functions and packages, including those new to Oracle8. Oracle's PL/SQL language is a programming language providing procedural extensions to the SQL relational database language and to an ever-growing number of Oracle development tools. Among the most useful constructs in the PL/SQL language are the built-in functions and packages. Built-in functions are constructs that operate on certain types of data (e.g., numeric, character) to return a result. By using functions, you can minimize the coding you need to do in your programs. Functions are described in detail in Steven Feuerstein's *Oracle PL/SQL Programming*; this comprehensive guide to building applications with PL/SQL has become the bible for PL/SQL developers who have raved about its completeness, readability, and practicality. Built-in functions fall into several major categories: Character functions: Operate on character data. Examples include CONCAT (concatenates two strings into one), LENGTH (returns the length of a string), and REPLACE (replaces a character sequence in a string with a different set of characters). Date functions: Operate on dates and supplement the DATE datatype. Examples include SYSDATE (returns the current date and time in the

Oracle Server) and LAST_DAY (returns the last day in the month of the specified date). Numeric functions: Operate on numeric data. Examples include CEIL (returns the smallest integer greater than or equal to the specified number) and POWER (returns a number raised to a particular power). LOB functions: Operate on large object data. Examples include EMPTY_BLOB (returns an empty locator of the binary large object type) and EMPTY_CLOB (returns an empty locator of the character large object type). Conversion functions: Perform explicit conversions of different types of data. Examples include TO_CHAR (converts a number or date to a string) and TO_NUMBER (converts a string to a number). Miscellaneous functions. Examples include GREATEST (returns the greatest of the specified list of values) and UID (returns the user ID of the current Oracle session). Built-in packages (collections of PL/SQL objects, such as functions, procedures, and data structures) greatly expand the scope of the PL/SQL language. These packages are described in detail in Feuerstein's and Beresniewicz's book, Oracle Built-in Packages. Built-in packages are built by Oracle Corporation and stored directly in the Oracle database. The functionality of the built-ins is available from any programming environment that can call PL/SQL stored procedures, including Visual Basic, Oracle Developer/2000, Oracle Application Server (for Web-based development), and, of course, the Oracle database itself. Built-in packages extend the capabilities and power of PL/SQL in many significant ways. For example: DBMS_SQL executes dynamically constructed SQL statements and PL/SQL blocks of code. DBMS_PIPE communicates between different Oracle sessions through a pipe in the RDBMS shared memory. DBMS_JOB submits and manages regularly scheduled jobs for execution inside the database. DBMS_LOB accesses and manipulates Oracle8's large objects (LOBs) from within PL/SQL programs. The book shows how to call all of the commonly used built-in functions and packages. For packages, it also shows the RESTRICT REFERENCES pragmas (needed if you call packages from a SQL statement), as well as the exceptions, constants, and data structures defined in the packages.

Oracle PL/SQL Language Pocket Reference, Second Edition

This book introduces embedded systems to C and C++ programmers. Topics include testing memory devices, writing and erasing flash memory, verifying nonvolatile memory contents, controlling on-chip peripherals, device driver design and implementation, and more.

Essential SNMP

The architecture of ADO (ActiveX Data Objects), Microsoft's newest form of database communication, is simple, concise, and efficient. This indispensable reference takes a comprehensive look at every object, collection, method, and property of ADO for developers who want to get a leg up on this technology.

Oracle PL/SQL Built-ins Pocket Reference

Python ist eine objektorientierte Sprache zum Schreiben von Skripten, Programmen und Prototypen. Python ist frei verfügbar, leicht zu erlernen und zwischen allen wichtigen Plattformen portabel, einschließlich Linux, Unix, Windows und Mac OS. Python &#

Programming Embedded Systems in C and C++

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, variable arrays (VARRAYs), 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.

ADO ActiveX Data Objects

The latest edition of this classic reference has been updated to cover Oracle Database 10g. Among the Oracle 10g features examined include regular expression support, native compilation, and new datatypes. The book also includes discussions on language syntax, how to build real applications, and how to apply best practices. Written by the world's foremost PL/SQL authority, Steven Feuerstein.

Python - kurz & gut

The new Oracle Application Server offers a wide range of functionality, including Java runtime and development tools, portal development tools, business intelligence, single sign-on identity management, and much more. It's so powerful and complex, in fact, that many people who use the product (or are considering using it) are familiar with only a portion of the entire range of its capabilities. The choices can be overwhelming. Few people grasp how the larger issues--such as the interplay between components or the various architectural choices in the product--play out in the Oracle Application Server. This new guide provides the perfect introduction to the Oracle Application Server for users of any level. Regardless of which of the server's capabilities you use, you'll benefit from this tightly focused, all-in-one technical overview. It's written for anyone who is concerned with using and managing web servers, doing Java development and deployment, using Oracle's own tools--like Forms and Reports, using or developing for Oracle Portal, or those who use and administer business intelligence, mobile or integration software. Divided into three concise sections, the book covers server basics, core components, and server functionality. The book leads with the history of Oracle Application Server, its architecture, management, standards, and third-party support for languages and tools such as Java, Perl, and HTTP. The next section covers Oracle's web server, containers for Java web caching, and the server's security features. And finally, the book discusses HTML development, Java development, and Oracle development. Although the book refers mainly to Oracle Application Server 10g, the authors also describe features in earlier product releases where necessary, particularly Oracle9i Application Server. More comprehensible than a large reference and more detailed than a primer, the book provides a foundation for understanding and using Oracle Application Server effectively and efficiently. Readers concentrate on the most important issues and components of the server, focusing primarily on principles rather than syntax. Designed to be the ideal first OracleAS book, Oracle Application Server 10g Essentials offers Oracle application developers and administrators everything they need to know about this powerful server.

Oracle PL/SQL Programming: A Developer's Workbook

Focused squarely on the language topics of special concern to DBAs, this text contains a quick tour of the PL/SQL language, extensive coverage of security topics, and methods for DBAs to improve query and database performance with cursors and table functions.

Oracle PL/SQL Programming

"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.

Oracle Application Server 10g Essentials

In an ideal world, an operating system is a collection of software that handles a computer's "dirty work" invisibly, quickly, and most of all, painlessly. For many of us, however, Microsoft Windows exists outside this ideal world. We are annoyed by "personalized Menus" that keep changing, icons we don't use cluttering up our workspace, periodic crashes, unintelligible error messages, and inadequate documentation to help us figure it all out. Windows Me Annoyances has the insider information you need for overcoming Windows' many annoyances and limitations. Whether you're looking to finally solve a nagging problem, dramatically improve system performance, or customize the interface to better suit your work habits, the Windows Me Annoyances solution-oriented format makes finding information and implementing solutions easy and pain free. Thanks to the thorough and relevant documentation on the registry, Windows Scripting Host, and Windows' built-in networking capabilities, customizing and improving Windows Me is easier than ever. Based on the author's extremely popular Annoyances.org web sites, Windows Me Annoyances delivers an authoritative collection of techniques and tools for customizing Windows Me, including: Several approaches and hidden tools for working with the Windows registry, the database of system- and application-specific configuration information How to bypass Windows roadblocks such as the Home Networking and System Restore wizards, allowing you to take control of the processes quickly and painlessly A tutorial and reference on automation with the Windows Scripting Host as a means of eliminating many Windows Me annoyances Using third-party software and utilities to handle some of the more complex workarounds and customizations Dealing with software that overwrites your file associations and other settings without warning Windows Me Annoyances is the intermediate and advanced Windows user's best resource for turning Windows into the user-friendly, customizable interface it was meant to be, but doesn't always manage to be on its own.

Oracle PL/SQL for DBAs

The vast majority of Oracle SQL books discuss some syntax, provide the barest rudiments of using Oracle SQL, and perhaps include a few simple examples. It might be enough to pass a survey course, or give you some buzz words to drop in conversation with real Oracle DBAs. But if you use Oracle SQL on a regular basis, you want much more. You want to access the full power of SQL to write queries in an Oracle environment. You want a solid understanding of what's possible with Oracle SQL, creative techniques for writing effective and accurate queries, and the practical, hands-on information that leads to true mastery of the language. Simply put, you want useful, expert best practices that can be put to work immediately, not just non-vendor specific overview or theory. Updated to cover the latest version of Oracle, Oracle 10g, this edition of the highly regarded Mastering Oracle SQL has a stronger focus on technique and on Oracle's implementation of SQL than any other book on the market. It covers Oracle's vast library of built-in functions, the full range of Oracle SQL query-writing features, regular expression support, new aggregate and analytic functions, subqueries in the SELECT and WITH clauses, multiset union operators, enhanced support for hierarchical queries: leaf and loop detection, and the CONNECT_BY_ROOT operator, new partitioning methods (some introduced in Oracle9i Release 2), and the native XML datatype, XMLType. Mastering Oracle SQL, 2nd Edition fills the gap between the sometimes spotty vendor documentation, and other books on SQL that just don't explore the full depth of what is possible with Oracle-specific SQL. For those who want to harness the untapped (and often overlooked) power of Oracle SQL, this essential guide for putting Oracle SQL to work will prove invaluable.

Learning Oracle PL/SQL

Grundlagen und Schlüsseltechniken verstehen und mit vielen Beispielen vertiefen Konzepte und typische

Arbeitsschritte verständlich und kompakt erklärt Die SQL-Beispiele laufen ohne Änderungen auf MySQL und (ggf. mit geringfügigen Änderungen) auf neueren Versionen von Oracle Database, DB2 und SQL Server Mit SQL Daten von diversen Plattformen und nicht-relationalen Datenbanken verarbeiten SQL-Kenntnisse sind nach wie vor unverzichtbar, um das Beste aus Ihren Daten herauszuholen. In seinem Handbuch vermittelt Alan Beaulieu die nötigen SQL-Grundlagen, um Datenbankanwendungen zu schreiben, administrative Aufgaben durchzuführen und Berichte zu erstellen. Sie finden neue Kapitel zu analytischen Funktionen, zu Strategien für die Arbeit mit großen Datenbanken sowie zu SQL und großen Datenmengen. Jedes Kapitel präsentiert eine in sich geschlossene Lektion zu einem Schlüsselkonzept oder einer Schlüsseltechnik von SQL und nutzt hierfür zahlreiche Abbildungen und kommentierte Beispiele. Durch Übungen vertiefen Sie die erlernten Fähigkeiten.

SQL in a nutshell

Provides information on SQL concepts, covering such topics as SQL commands, joins, functions, query development, set operations, and correlated subqueries.

Windows Me Annoyances

Worum geht es in diesem Buch? Ihre Daten erdrücken Sie? Ihre Tabellen verheddern sich regelmäßig? Wir haben ein Mittel, wie Sie Ihre Datenbanken in den Griff bekommen: SQL von Kopf bis Fuß nimmt Sie mit auf eine Reise durch die SQL-Welt, es.

Mastering Oracle SQL

If you're a programmer or database administrator who uses SQL in your day-to-day work, this popular pocket guide is the ideal on-the-job reference. You'll find many examples that address the language's complexity, along with key aspects of SQL used in IBM DB2 Release 9.7, MySQL 5.1, Oracle Database 11g Release 2, PostgreSQL 9.0, and Microsoft SQL Server 2008 Release 2. SQL Pocket Guide describes how these database systems implement SQL syntax for querying, managing transactions, and making changes to data. It also shows how the systems use SQL functions, regular expression syntax, and type conversion functions and formats. All example SQL statements in this book execute against a set of tables, with data that you can quickly download. The third edition covers important database changes, including: Oracle's support of the recursive WITH syntax, and addition of PIVOT and UNPIVOT operators Functions new to Oracle, such as LISTAGG, NTH_VALUE, and more PostgreSQL's support of recursive WITH and some window functions DB2 syntax and datatypes, some compatible with Oracle MySQL features such as the TIMESTAMP type and the TO_SECONDS function

Einführung in SQL

Introduced a quarter-century ago, the Oracle database remains the leading enterprise relational database management system (RDBMS) in the world. Oracle is a complex system, offering a myriad of products, languages, and tools. Frequent updates, releases, and editions complicate the ability of Oracle users to keep up with the huge amounts of frequently changing information about the database and its capabilities. The goal of Oracle in a Nutshell is to pull together the most essential information on Oracle architecture, syntax, and user interfaces. The content and format of this book, an admirable addition to O'Reilly's respected In-a-Nutshell line, combine to boil down vital Oracle commands, language constructs, parameters, and file formats in a succinct and highly accessible desktop reference. Oracle in a Nutshell covers the information that database administrators PL/SQL and Java developers, and system, network, and security administrators need as they manage Oracle databases and write code for these databases. It includes: Oracle Foundations-- Overview of the Oracle architecture (memory structures and fundamental concepts), Oracle's various editions and packaging options, summary of the initialization file parameters and data dictionary views, and fundamentals of Oracle's concurrency scheme, security mechanisms (privileges, profiles, roles), and

networking files (TNSNAMES.ORA, SQLNET.ORA, LISTENER.ORA, DAP.ORA, NAMES.ORA, CMAN.ORA) and options. Oracle Languages--Syntax summary for SQL language statements, SQL function calls PL/SQL language statements and characteristics, PL/SQL built-in package headers, and Java (JDBC and SQLJ) interfaces to the Oracle database. Oracle Tools--Commands provided with SQLPlus, SQLLoader, Import and Export, Oracle Recovery Manager (RMAN) and other backup/recovery methods, Oracle Enterprise Manager, and various performance tuning tools (Explain Plan, TKPROF, AUTOTRACE, UTLBSTAT, UTLESTAT, Statspack). Appendixes--Summary of Oracle datatypes, operators, expressions, conditions, numeric and date formats, and resources for additional reading.

Learning SQL on SQL Server 2005

Oracle system performance inefficiencies often go undetected for months or even years--even under intense scrutiny--because traditional Oracle performance analysis methods and tools are fundamentally flawed. They're unreliable and inefficient. Oracle DBAs and developers are all too familiar with the outlay of time and resources, blown budgets, missed deadlines, and marginally effective performance fiddling that is commonplace with traditional methods of Oracle performance tuning. In this crucial book, Cary Millsap, former VP of Oracle's System Performance Group, clearly and concisely explains how to use Oracle's response time statistics to diagnose and repair performance problems. Cary also shows how "queueing theory" can be applied to response time statistics to predict the impact of upgrades and other system changes. Optimizing Oracle Performance eliminates the time-consuming, trial-and-error guesswork inherent in most conventional approaches to tuning. You can determine exactly where a system's performance problem is, and with equal importance, where it is not, in just a few minutes--even if the problem is several years old. Optimizing Oracle Performance cuts a path through the complexity of current tuning methods, and streamlines an approach that focuses on optimization techniques that any DBA can use quickly and successfully to make noticeable--even dramatic--improvements. For example, the one thing database users care most about is response time. Naturally, DBAs focus much of their time and effort towards improving response time. But it is entirely too easy to spend hundreds of hours to improve important system metrics such as hit ratios, average latencies, and wait times, only to find users are unable to perceive the difference. And an expensive hardware upgrade may not help either. It doesn't have to be that way. Technological advances have added impact, efficiency, measurability, predictive capacity, reliability, speed, and practicality to the science of Oracle performance optimization. Optimizing Oracle Performance shows you how to slash the frustration and expense associated with unraveling the true root cause of any type of performance problem, and reliably predict future performance. The price of this essential book will be paid back in hours saved the first time its methods are used.

SQL von Kopf bis Fuß

An enormous system comprising myriad technologies, options, and releases, Oracle's complexities have spawned numerous areas of specialization. For each area of specialization there are equally specialized how-to books and manuals. O'Reilly's Oracle Essentials claims a unique place among these books. Rather than focusing on one area, the book explains the foundational concepts of the Oracle technology and the core technical and business aspects of using it. The new edition of this classic book, Oracle Essentials, 3rd Edition: Oracle Database 10g, distills a vast amount of knowledge into an easy-to-read volume covering every aspect of the Oracle database. Readers of all levels will learn about Oracle's features and technologies, including the product line, architecture, data structures, networking, concurrency, tuning, and much more. Featuring focused text, abundant illustrations, and helpful hints, the new edition offers a valuable overview of Oracle's Database 10g--the industry's first database to support grid computing. Recent releases such as Oracle 9i and 8i are also covered. The book contains chapters on: Oracle products, options, and overall architecture for Oracle 10g and prior recent releases Installing and running Oracle: how to configure, start up, and shut down the database, and various networking issues Oracle data structures, datatypes, and ways of extending datatypes, with an introduction to Oracle objects (e.g., tables, views, indexes) Managing Oracle: security, the Oracle Enterprise Manager, fragmentation and reorganization, and backup and recovery Oracle performance:

characteristics of disk, memory, and CPU tuning Multi-user concurrency, online transaction processing (OLTP), and high availability Hardware architectures (e.g., SMP, MPP, NUMA) and their impact on Oracle Data warehousing and distributed databases Network deployment: using Oracle as an Internet computing platform and for grid computing What's new in Oracle 10g: a summary of the database changes described in the book Oracle Essentials, 3rd Edition: Oracle Database 10g was written for anyone whose job involves managing or building systems using Oracle DBMS technology or working with staff that uses Oracle technology. This book is the perfect all-in-one source for understanding the complexities and capabilities of Oracle.

SQL Pocket Guide

This book, written by veteran Oracle database administrator Iggy Fernandez, a regular on the Oracle conference circuit and the editor of NoCOUG Journal, is a manageable introduction to key Oracle database administration topics including planning, installation, monitoring, troubleshooting, maintenance, and backups, to name just a few. As is clear from the table of contents, this book is not simply a recitation of Oracle Database features such as what you find in the reference guides available for free download on the Oracle web site. For example, the chapter on database monitoring explains how to monitor database availability, database changes, database security, database backups, database growth, database workload, database performance, and database capacity. The chapters of this book are logically organized into four parts that closely track the way your database administration career will naturally evolve. Part 1 gives you necessary background in relational database theory and Oracle Database concepts, Part 2 teaches you how to implement an Oracle database correctly, Part 3 exposes you to the daily routine of a database administrator, and Part 4 introduces you to the fine art of performance tuning. Each chapter has exercises designed to help you apply the lessons of the chapter. Each chapter also includes a list of reference works that contain more information on the topic of the chapter. In this book, you'll find information that you won't find in other books on Oracle Database. Here you'll discover not only technical information, but also guidance on work practices that are as vital to your success as technical skills. The author's favorite chapter is \"The Big Picture and the Ten Deliverables.\" If you take the lessons in that chapter to heart, you can quickly become a much better Oracle database administrator than you ever thought possible.

Oracle in a Nutshell

This is a programmer's complete guide to Visual Basic .NET. Starting with a sample application and a high-level map, the book jumps right into showing how the parts of .NET fit with VB .NET. Topics include the common language runtime, Windows Forms, ASP.NET, Web Forms, Web Services, ADO.NET, transactional applications, internationalization, security, and debugging.

Optimizing Oracle Performance

Oracle Essentials

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