

Oracle Tuning The Definitive Reference Second Edition

Oracle Tuning

For Oracle tuning professionals wishing to add more tools to their Oracle tuning toolbox, this guidebook introduces the various tuning analytical tools and helpful strategies to make the database easier to use. Details describe how to extract information from the database and use it to determine and increase efficiency. It also provides specific steps with detailed information on how to congeal large amounts of database performance information into one pool from which the DBA can carefully choose tuning options based on what is

predicted, all to give them the biggest improvement in performance for the least time and money investment. Sample code, sample code results, and guidelines on how to interpret the results help users manipulate code in an effective way. With countless hints, tips, and tools, the guide fully explains how to work with the Oracle system in order to achieve database performance excellence.

Advanced Oracle SQL Tuning

It's impossible to tune an Oracle database without understanding SQL tuning. Oracle is a SQL processing engine and the execution speed of any SQL query is influenced by many factors, both internal and external. As a declarative data access method, SQL relies on the Oracle cost-based optimizer to always choose the \"best\" execution plan for every SQL query. However, Oracle's SQL is among the most flexible and robust in the world, and along with this great power comes complexity. Tuning Oracle SQL is the

single most important skill of any Oracle professional, and Oracle professionals are challenged to create SQL statements that will support thousands of concurrent executions with sub-second response time.

"Advanced Oracle SQL Tuning" is a pragmatic treatment of Oracle SQL tuning, short on theory and big on real-world techniques and tips. This book is the culmination of the author's 25 years of full-time DBA experience and he shares expert tips and secrets for hyper charging SQL execution speed. This book covers advanced topics and it is not appropriate for beginners, dilettantes or neophytes.

Oracle Tuning Power Scripts

Targeted at Oracle professionals who need fast and accurate working examples of complex issues, Oracle In-focus books target specific areas of Oracle technology in a concise manner. Plenty of working code is provided without a lot of theory, allowing database managers to solve their

problems quickly without reviewing data that they already know. All code scripts are available for instant download from a companion web site.

Oracle SQL*Plus

This book is the definitive guide to SQL*Plus. If you want to take best advantage of the power and flexibility of this popular Oracle tool, you need this book. SQLPlus is an interactive query tool that is ubiquitous in the Oracle world. It is present in every Oracle installation and is available to almost every Oracle developer and database administrator. SQLPlus has been shipped with Oracle since at least version 6. It continues to be supported and enhanced with each new version of Oracle, including Oracle8 and Oracle8i. It is still the only widely available tool for writing SQL scripts. Despite this wide availability and usage, few developers and DBAs know how powerful SQL*Plus really is. This book introduces SQLPlus, includes a quick reference to all of its syntax options,

and, most important, provides chapters that describe, in step-by-step fashion, how to perform all of the tasks that Oracle developers and DBAs want to perform with SQLPlus -- and maybe some they didn't realize they COULD perform with SQLPlus. You will learn how to write and execute script files, generate ad hoc reports, extract data from the database, query the data dictionary tables, customize your SQLPlus environment, and use the SQL*Plus administrative features (new in Oracle8i). This book is an indispensable resource for readers who are new to SQL*Plus, a task-oriented learning tool for those who are already using it, and a quick reference for every user. A table of contents follows:

Preface Introduction to SQLPlus
Interacting with SQLPlus Generating Reports with SQLPlus Writing SQLPlus Scripts Extracting Data with SQLPlus Exploring Your Database with SQLPlus Advanced Scripting Tuning and Timing The Product User Profile Administration with SQLPlus Customizing Your SQLPlus Environment Appendices A. SQLPlus Command Reference B. Connect

Strings and the SQLPlus Command

Oracle Tuning

Oracle 10g has become the most complex database ever created and Oracle tuning has become increasingly complex. This book provides a complete step-by-step approach for holistic Oracle tuning and it is the accumulated knowledge from tuning thousands of Oracle databases. Incorporating the principles of artificial intelligence, Oracle10g has developed a sophisticated mechanism for capturing and tracking database performance over time periods. This new complexity has introduced dozens of new v\$ and DBA views, plus dozens of Automatic Workload Repository (AWR) tables. The AWR and its interaction with the Automatic Database Diagnostic Monitor (ADDM) is a revolution in database tuning. By understanding the internal workings of the AWR tables, the senior DBA can develop time-series tuning models to predict upcoming outages and

dynamically change the instance to accommodate the impending resource changes. This is not a book for beginners. Targeted at the senior Oracle DBA, this book dives deep into the internals of the v\$ views, the AWR table structures and the new DBA history views. Packed with ready-to-run scripts, you can quickly monitor and identify the most challenging performance issues.

Oracle Performance Troubleshooting

A reference for any Oracle database administrators who must ensure the consistency of data across distributed platforms, this book is for those administrators who recognize the benefits of distributing Oracle data. The intricacies of Oracle multi-master replication are described, and working code examples of complex multi-master replication are provided. Also included is information on Oracle replication tuning and monitoring.

Oracle SQL Tuning Pocket Reference

One of the most important challenges faced by Oracle database administrators and Oracle developers is the need to tune SQL statements so that they execute efficiently. Poorly tuned SQL statements are one of the leading causes of substandard database performance and poor response time. SQL statements that perform poorly result in frustration for users, and can even prevent a company from serving its customers in a timely manner. In this book, Mark Gurry shares his in-depth knowledge of Oracle's SQL statement optimizers. Mark's knowledge is the result of many hard-fought tuning battles during his many years of providing Oracle tuning services to clients. Mark provides insights into the workings of the rule-based optimizer that go well beyond what the rules tell you. Mark also provides solutions to many common problems that occur with both the rule-based and cost-based optimizers. In addition to the specific problem/solution scenarios for the

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optimizers, Mark provides a number of handy SQL tuning tips. He discusses the various optimizer hints, telling you when they can be used to good effect. Finally, Mark discusses the use of the DBMS_STATS package to manage database statistics, and the use of outlines to specify execution plans for SQL statements in third-party applications that you can't otherwise modify.

Oracle Performance Tuning

A complete revision of the original title, this second edition adds new material on Oracle 7.3 and many Oracle 8 features. It explores new Oracle capabilities like parallel server, parallel query, and distributed database. It contains more detail on constraints and triggers, many more examples, and information on new tuning tools like the Oracle Performance Pack, Oracle Trace, and Oracle Expert.

Oracle PL/SQL Programming

The authors have revised and updated this bestseller to include both the Oracle8i and new Oracle9i Internet-savvy database products.

Expert One-on-One Oracle

* A proven best-seller by the most recognized Oracle expert in the world.
* The best Oracle book ever written. It defines what Oracle really is, and why it is so powerful. * Inspired by the thousands of questions Tom has answered on his <http://asktom.oracle.com> site. It tackles the problems that developers and DBAs struggle with every day. * Provides everything you need to know to program correctly with the database and exploit its feature-set effectively.

Oracle SQL*Plus Pocket Reference

.....SQL*Plus is an interactive query tool.....
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that's ubiquitous in the Oracle world. It's available at every Oracle site-from the largest data warehouse to the smallest single-user system-and it's a critical tool for virtually every Oracle user. The third edition of this popular pocket guide provides quick reference information on SQL*Plus syntax and format elements, including new Oracle Database 10g features. It concisely describes interacting with SQL*Plus, formatting both text and HTML reports with SQL*Plus, and tuning SQL queries using both optimizer hints and the plan table. This new edition covers browser-based iSQL*Plus, the ability to generate HTML, new commands and SET options, and much more. It also contains expanded information on the SQL statements most commonly issued from SQL*Plus (Select, Insert, Update, Delete, Merge, Commit, Rollback, Savepoint, Set Transaction) and adds coverage of new SQL features such as the Oracle Database 10g Select statement's Model clause, flashback queries, partition outer joins, and DBMS_XPLAN. Book jacket.

Troubleshooting Oracle Performance

When your database application isn't running fast enough, troubleshooting is usually your first move. Finding the slow part of an application is often easy, but discovering a solution can prove much more difficult.

Troubleshooting Oracle Performance helps by providing a systematic approach to addressing the underlying causes of poor database application performance. Written for developers by an application developer who has learned by doing, this book shows you how to plan for performance as you would for any other application requirement.

Data Mining and Big Data

This book constitutes the refereed proceedings of the Third International Conference on Data Mining and Big Data, DMBD 2018, held in Shanghai, China, in June 2018. The 74 papers presented in this volume were carefully

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reviewed and selected from 126 submissions. They are organized in topical sections named: database, data preprocessing, matrix factorization, data analysis, visualization, visibility analysis, clustering, prediction, classification, pattern discovery, text mining and knowledge management, recommendation system in social media, deep learning, big data, Industry 4.0, practical applications

Oracle SQL*Plus: The Definitive Guide

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

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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.

Oracle on VMware

Successfully meeting the challenges of combining VMware and Oracle, this comprehensive reference provides a

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broad spectrum of technological recommendations that demonstrate how to reliably and consistently achieve optimal configuration and maximum performance for any virtualized Oracle database scenario. The guide includes the best practices for virtualized servers, suggested virtualization server configuration, and recommendations for client operating system configuration for Oracle in a virtualized world. With real-world examples and highly applicable advice, this handbook also details the complexities of designing, configuring, maintaining, and tuning Oracle database deployments, making it a complete compendium for keeping virtualized Oracle databases in top form.

Oracle Shell Scripting

With the expert techniques discussed in this book, Oracle database administrators can automate routine tasks to save time and money and better monitor the flow of work. Using

shell scripts—an indispensable tool on UNIX and Linux—any number of commands can be combined and executed either simultaneously or sequentially. More than 50 working shell scripts for both beginners and experts give Oracle professionals a fantastic head-start on automating their administration duties and are easily modifiable for any environment. Topics include the history of shells and shell scripting, detailed step-by-step instructions on building shell scripts, how to tell when things are working right, and how to effectively monitor the system for failures.

Oracle PL/SQL Best Practices

In this book, Steven Feuerstein, widely recognized as one of the world's experts on the Oracle PL/SQL language, distills his many years of programming, writing, and teaching about PL/SQL into a set of PL/SQL language \"best practices\"--rules for writing code that is readable, maintainable, and efficient. Too often,

developers focus on simply writing programs that run without errors--and ignore the impact of poorly written code upon both system performance and their ability (and their colleagues' ability) to maintain that code over time. Oracle PL/SQL Best Practices is a concise, easy-to-use reference to Feuerstein's recommendations for excellent PL/SQL coding. It answers the kinds of questions PL/SQL developers most frequently ask about their code: How should I format my code? What naming conventions, if any, should I use? How can I write my packages so they can be more easily maintained? What is the most efficient way to query information from the database? How can I get all the developers on my team to handle errors the same way? The book contains 120 best practices, divided by topic area. It's full of advice on the program development process, coding style, writing SQL in PL/SQL, data structures, control structures, exception handling, program and package construction, and built-in packages. It also contains a handy, pull-out quick reference card. As a helpful supplement to the text, code

examples demonstrating each of the best practices are available on the O'Reilly web site. Oracle PL/SQL Best Practices is intended as a companion to O'Reilly's larger Oracle PL/SQL books. It's a compact, readable reference that you'll turn to again and again--a book that no serious developer can afford to be without.

Oracle SQL Tuning with Oracle SQLTXPLAIN

Oracle SQL Tuning with SQLTXPLAIN is a practical guide to SQL tuning the way Oracle's own experts do it, using a freely downloadable tool called SQLTXPLAIN. Using this simple tool you'll learn how to tune even the most complex SQL, and you'll learn to do it quickly, without the huge learning curve usually associated with tuning as a whole. Firmly based in real world problems, this book helps you reclaim system resources and avoid the most common bottleneck in overall performance, badly tuned SQL. You'll learn how the optimizer works, how to

take advantage of its latest features, and when it's better to turn them off. Quickly tune any SQL statement no matter how complex. Build and tune test cases without affecting production. Use the latest tuning features with confidence.

Oracle Database 11g The Complete Reference

The Definitive Guide to Oracle Database 11g Get full details on the powerful features of Oracle Database 11g from this thoroughly updated Oracle Press guide. Oracle Database 11g: The Complete Reference explains how to use all the new features and tools, execute powerful SQL queries, construct PL/SQL and SQL*Plus statements, and work with large objects and object-relational databases. Learn how to implement the latest security measures, tune database performance, and deploy grid computing techniques. An invaluable cross-referenced appendix containing Oracle commands, keywords, features,

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and functions is also included. Install Oracle Database 11g or upgrade from an earlier version Create database tables, sequences, indexes, views, and user accounts Construct SQL statements, procedures, queries, and subqueries Optimize security using virtual private databases and transparent data encryption Import and export data using SQL*Loader and Oracle Data Pump Use SQL replay, change management, and result caching Avoid human errors using flashback and automatic undo management Build and tune PL/SQL triggers, functions, and packages Develop database applications using Java, JDBC, and XML Optimize availability and scalability with Oracle Real Application Clusters

SQL Tuning

A poorly performing database application not only costs users time, but also has an impact on other applications running on the same computer or the same network. SQL

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

problems. Whether you are a programmer who develops SQL-based applications or a database administrator or other who troubleshoots poorly tuned applications, SQL Tuning will arm you with a reliable and deterministic method for tuning your SQL queries to gain optimal performance.

Oracle SQL*Loader

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)

So You Want to Be an Oracle DBa

A compact easy to read technical guide that includes over 35 mini lessons that any DBA will find useful. This second
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edition has been newly updated for Oracle 8i version 3. It includes information on creating an Oracle database, backup recovery and tuning. It then moves onto some more advanced topics.. Included are several new and updated UNIX and SQL scripts that are easy to use and easy to understand. A great starting point for a new DBA and a must have reference guide for all DBAs. \"An excellent book for all levels of database administrators! It provides a foundation into the DBA role, tips for the techs, and scripts to make your life easier! It provides you a great starting point as well as some advanced topics. I highly recommend this book because it gives you exactly what you need, quickly and easily.\" - K. Buck-Oracle DBA-Kansas City, Missouri

Advanced Oracle Utilities: The Definitive Reference

This is the definitive guide to all Oracle utilities, and it is targeted at experienced Oracle professionals who

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need to perform powerful system-wide operating system internal operations on their Oracle databases. The authors approach Oracle Utilities from a functional perspective, adding value by explaining the "why" and "how" for the use of all Oracle Utilities. This comprehensive book includes details on all of the Oracle utilities, including experts-only sections on undocumented utilities, plus the Linux/UNIX utilities, Oracle command-line utilities, and the all-important DBA package utilities. This indispensable book covers all areas of Oracle database administration and includes secrets for database migration (with Data Pump and SQL*Loader) and detailed tips for using The Oracle OS utilities (e.g. BBED, dbv, orastack, orakill). The book also covers Oracle tuning utilities, including ADDM and the SQL tuning advisors as well as the traditional command-line tuning utilities such as dbms_alert and dbms_xplan, tkprof and dbms_debug. This book is special because noted Oracle experts supplement the operational considerations of Oracle utilities with expert insights and

working scripts. The time savings from a single utility script is easily worth the price of this definitive book. This book is not for beginners. These are powerful utilities to be used only by experienced DBAs and developers who need to perform powerful system-wide operating system internal operations on their Oracle databases.

Oracle Performance Tuning for 10gR2

Tuning of SQL code is generally cheaper than changing the data model. Physical and configuration tuning involves a search for bottlenecks that often points to SQL code or data model issues. Building an appropriate data model and writing properly performing SQL code can give 100%+ performance improvement. Physical and configuration tuning often gives at most a 25% performance increase. Gavin Powell shows that the central theme of Oracle10gR2 Performance Tuning is four-fold: denormalize data models to fit applications; tune SQL

code according to both the data model and the application in relation to scalability; create a well-proportioned physical architecture at the time of initial Oracle installation; and most important, mix skill sets to obtain the best results. Fully updated for version 10gR2 and provides all necessary transition material from version 9i Includes all three aspects of Oracle database tuning: data model tuning, SQL & PL/SQL code tuning, physical plus configuration tuning Contains experienced guidance and real-world examples using large datasets Emphasizes development as opposed to operating system perspective

Expert Oracle Practices

This book is an anthology of effective database management techniques representing the collective wisdom of the OakTable Network. With an emphasis upon performance—but also branching into security, national language, and other issues—the book helps you deliver the most value for

your company's investment in Oracle Database technologies. You'll learn to effectively plan for and monitor performance, to troubleshoot systematically when things go wrong, and to manage your database rather than letting it manage you.

Secrets of the Oracle Database

Secrets of the Oracle Database is the definitive guide to undocumented and partially-documented features of the Oracle Database server. Covering useful but little-known features from Oracle Database 9 through Oracle Database 11, this book will improve your efficiency as an Oracle database administrator or developer. Norbert Debes shines the light of day on features that help you master more difficult administrative, tuning, and troubleshooting tasks than you ever thought possible. Finally, in one place, you have at your fingertips knowledge that previously had to be acquired through years of experience and word

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of mouth through knowing the right people. What Norbert writes is accurate, well-tested, well-illustrated by clear examples, and sure to improve your ability to make an impact on your day-to-day work with Oracle.

Oracle Database Performance Tuning Interview Questions, Answers and Explanations

The Ultimate Reference & Learning Guide for Oracle Database Professionals! Over 150 Interview Questions, Answers, and Explanations
It's clear that Oracle is the future for enterprise information systems data storage and retrieval - but finding the right reference materials can be difficult. For the first time, over 150 Oracle Database Performance Tuning Certification Questions are here to guide your learning. From helping you to assess your Oracle Performance Tuning skills to evaluating candidates for a job, Oracle Database Performance Tuning Interview Questions will help you understand very quickly what you

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really need to know, and what you can safely ignore. The book is organized around Oracle Database Performance Tuning basics such as root cause analysis, database design, hit ratios, average latencies, and wait times. Each question includes everything you need to know to master an Oracle Performance Tuning interview or properly evaluate a candidate. More than just a rehash of Oracle documentation and sales presentations, each question is based on project knowledge and experience gained on successful high-profile Oracle implementations. Key certification and interview topics include: . Root cause analysis . Analysis of response time statistics . Queue theory and the basics of database performance . Hit ratios, Average latency, and wait time improvements

SQL Performance Tuning

A very practical guide to making databases run faster and better. A poorly performing database application

can cost each user time, and have an impact on other applications running on the same computer or the same network. This book will help DBAUs and programmers improve the performance of their databases.

Writing Word Macros

Many Microsoft Word users and VBA programmers don't realize the extensive opportunities that exist when Word's object model is accessed using Visual Basic for Applications (VBA). By creating what is commonly called a \"Word macro,\" you can automate many features available in Word. Writing Word Macros (previously titled Learning Word Programming) is the introduction to Word VBA that allows you to do these things and more. Book jacket.

Oracle PL/SQL Programming

Oracle8i, the long-awaited \"Internet database\" from Oracle Corporation,
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has hit the streets running-and you may find yourself struggling to keep up with Oracle's fast-moving technology. oracle boasts that Oracle8i offers more than 150 new features, many of them designed to make its popular database programming language, PL/SQL, faster, more powerful, and easier to use. This concise and engaging book is both a companion to Oracle PLISQL Programming (widely recognized as the \"bible\" for PL/SQL developers) and a guide designed to bring you up to speed as quickly as possible on the new PL/SQL features of Oracle8i. Following the style of Feuerstein's earlier books, the Guide to Oracle8i Features combines easy-to-understand descriptions of the new Oracle8i features with a wealth of interesting and informative examples. It covers:

- Autonomous transactions
- Invoker rights
- Native dynamic SQL
- Bulk binds and collects
- System-level database triggers
- New built-in packages
- Fine-grained access control
- Calling Java methods from within PL/SQL

Some PL/SQL developers are uneasy about what the introduction of Java means to their applications-and

their programming future. But the two languages are expected to work well together in Oracle8i. This book gives you enough Java know-how to build simple Java classes, load them into the Oracle8i database, and leverage those classes from within your PL/SQL code. Now you'll be able to take advantage of all the power of Java without giving up the performance and usability advantages of PL/SQL! Included with this book is a diskette containing an online tool developed by RevealNet, Inc., that provides point-and-click access to approximately 100 files of reusable source code and examples. The Guide to Oracle8i Features showcases A the powerful new features of Oracle8i designed especially for PL/SQL developers. You'll find it indispensable as you strive to take the fullest possible advantage of everything this exciting new version has to offer. \

"The Oracle8i release adds a myriad of new features and enhancements to the PL/SQL application development platform-a crucial part of the Oracle programmers arsenal. In his latest book, Steven Feuerstein superbly describes each of

these features, going right to the heart of the matter. His technical expertise, lucid descriptions, examples, and humor bring life to the book, making it not just an invaluable reference, but also a wonderful teaching fount. \"
Usha Sangam, Senior Manager, PL/SQL Language and Compiler Frontend Languages and Object-Relational Technology, Oracle Corporation

Advanced Plsql Programming

Oracle PL/SQL is undoubtedly one of the most versatile and high performance yielding database languages of all time with many different methods for obtaining a single result. This comprehensive guide to Oracle PL/SQL will be a handy reference for all Oracle professionals who write PL/SQL code in their daily life. This book will direct the reader through the unused and unknown yet powerful techniques which can be used in a regular manner in application development. This book takes complex technical tasks and explains them in an

easily understandable method.

Trino: The Definitive Guide

Perform fast interactive analytics against different data sources using the Trino high-performance distributed SQL query engine. With this practical guide, you'll learn how to conduct analytics on data where it lives, whether it's Hive, Cassandra, a relational database, or a proprietary data store. Analysts, software engineers, and production engineers will learn how to manage, use, and even develop with Trino. Initially developed by Facebook, open source Trino is now used by Netflix, Airbnb, LinkedIn, Twitter, Uber, and many other companies. Matt Fuller, Manfred Moser, and Martin Traverso show you how a single Trino query can combine data from multiple sources to allow for analytics across your entire organization. Get started: Explore Trino's use cases and learn about tools that will help you connect to Trino and query data Go deeper: Learn Trino's

internal workings, including how to connect to and query data sources with support for SQL statements, operators, functions, and more Put Trino in production: Secure Trino, monitor workloads, tune queries, and connect more applications; learn how other organizations apply Trino

Mastering Oracle SQL

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.

XLIB Programming Manual, Rel. 5

Covering X11 Release 5, the Xlib Programming Manual is a complete guide to programming the X library (Xlib), the lowest level of programming interface to X. It includes introductions to internationalization, device-independent color, font service, and scalable fonts. Includes chapters on: X Window System concepts A simple client application Window attributes The graphics context Graphics in practice Color Events Interclient communication Internationalization The Resource Manager A complete client application Window management This manual is a companion to Volume 2, Xlib Reference Manual.

POSIX Programmers Guide

Software -- Operating Systems.

Java Threads

Threads (Computer programs).

Managing IP Networks with Cisco Routers

The basics of IP networking. Network design part 1 & 2. Selecting network equipment. Routing protocol selection. Routing protocol configuration. The non-technical side of network management. The technical side of network management. Connecting to the outside world. Network security.

Applying RCS and SCCS

Applying revision control system and source code control system.

Crossing Platforms A Macintosh/Windows

Phrasebook

Like travelers in a foreign land, Mac users working in Windows or Windowusers working on a Mac often find themselves in unfamiliar territory with no guidebook--until now. Engst and Pogue assembled a handy way of translating elements from one platform to the other, or for deciphering elements that are new and unfamiliar.

Mastering Oracle PL/SQL

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

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