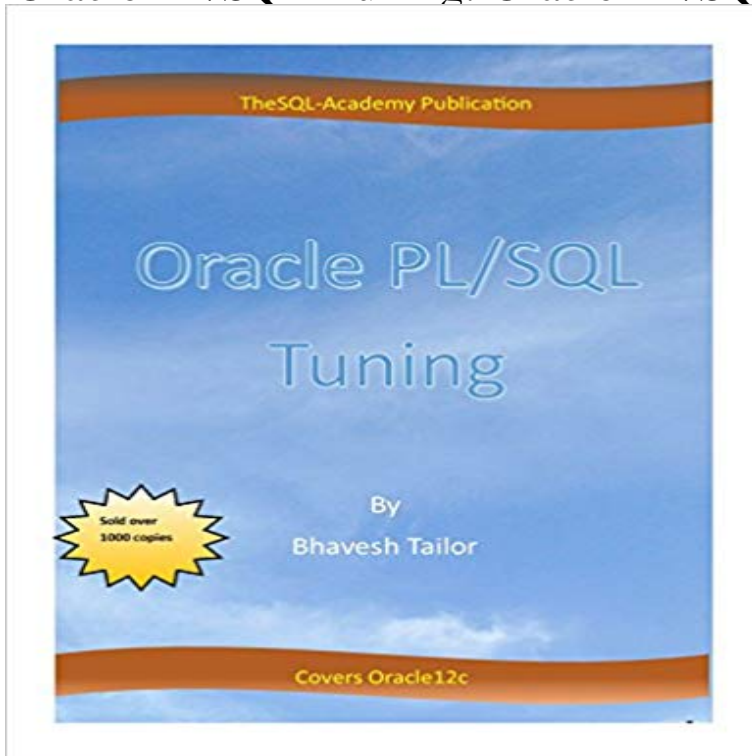


# Oracle PL/SQL Tuning: Oracle PL/SQL



Oracle PL/SQL is a very powerful language used extensively in the real world. This book will help you extract the best performance out of your PL/SQL code using tips and techniques. The examples are real and the performance gains are real too. The techniques like using bind variables, use of caching of result cache, reduce the redundant functions calls, etc will help you optimize your code and take your PL/SQL skill to the next level.

Chapter 1: Tune Functions    Reduce Function Calls    Use Result Cache Function    Tune Function Queries    Create Function Index    Use Oracle Supplied Function

Chapter 2: Tune Procedures

Use Bind Variables    Dynamic Query with Bind Variables    Deleting the Data    Delete Duplicate Data    Delete using ALTER TABLE TRUNCATE PARTITION    Cache Sequence    Bulk Insert using Direct Path Table and Row Locking and Performance

Chapter 3 Tune Loops    Commit in Loop    Use BULK COLLECT and FORALL    Dont Forget EXIT Condition    Avoid Loop When Possible

Chapter 4: Tune IF Statements    Short Circuit Evaluation    CASE Statement

Chapter 5: Tune Triggers    Avoid Triggers When Possible

Chapter 6: Other Miscellaneous Things

Run in parallel using DBMS\_PARALLEL\_EXECUTE package    DBMS\_PROFILER package    PL/SQL Native Compilation    Oracle PL/SQL Manual

This book is a culmination of authors 20 years of experience of using Oracle SQL and PL/SQL.

**Oracle PL/SQL Performance Tuning Tips & Techniques (Database PL/SQL Optimizer.** Prior to Oracle Database 10g Release 1, the PL/SQL compiler translated your source text to system code without applying many changes to improve performance. Now, PL/SQL uses an optimizer that can rearrange code for better performance. The optimizer is enabled by default. **Oracle PL/SQL Tuning tips - Introducing PL/SQL Language - Using** The following PL/SQL tuning Tips are from the outstanding book Oracle PL/SQL Tuning: Expert Secrets for High Performance Programming by Dr. Tim Hall, **Tuning PL/SQL - Oracle Wiki - Oracle - Toad World** Oracle Database SQL Language Reference for syntax and a more detailed SET OPTIMIZER\_MODE statement does not affect SQL that is run from within

PL/SQL. See Optimization Approaches and Goal Hints in Views for hint behavior **Oracle PL/SQL Performance Tuning Training - Burleson Consulting** Tuning Oracle PL/SQL. PL/SQL - Oracles procedural extensions to the SQL language - can be used to implement complex application or data retrieval logic **Tuning PL/SQL Applications for Performance - Oracle Help Center** Tuning PL/SQL Procedure Calls with the NOCOPY Compiler Hint Additional information related to tuning PL/SQL applications on the Oracle Technology **Oracle PL/SQL Tuning -** Learn how to appropriately select between SQL-based and PL/SQL-based solutions to simplify Oracle performance tuning. **Tuning Oracle** New Features in PL/SQL for Oracle Database 10g Release 2 (10.2) New Features in PL/SQL for Oracle Database 10g Using PL/SQL to Create Web Applications and Server Pages . 11 Tuning PL/SQL Applications for Performance. **Oracle PL/SQL Tuning tips** This BC Oracle PL/SQL programming & Tuning Training class is an intense course that is designed to give the student maximum exposure to Oracle PL/SQL **PL/SQL Optimization and Tuning - Oracle Help Center** Tuning PL/SQL Applications. Every day, in every way, I am getting better and better. --Emile Coue. Over time, even the performance of well-designed Oracle PL/SQL is a very powerful language used extensively in the real world. This book will help you extract the best performance out of your PL/SQL code **Switch to PL/SQL to Simplify Oracle Performance Tuning** Oracle experts know that PL/SQL tuning makes a huge difference in execution speed. As one of the worlds most popular and respected experts, Dr. Tim Hall **Oracle Database: SQL Tuning for Developers - Oracle University** Learn how to use Oracle PL/SQL for performance tuning. **Oracle PL/SQL Tuning - SQL.** Its so easy to write. SQL in PL/SQL! Oracle will op?mize it all for me Tuning SQL and the way that SQL is called in PL/SQL overwhelms all other. **Tuning PL/SQL - PL/SQL Tuning - Burleson Consulting** Prior to Oracle Database 10g, the PL/SQL compiler translated your source text to . The following kinds of PL/SQL code are very likely to benefit from tuning:. **Articles: SQL & PL/SQL - Oracle** **Oracle SQL tuning steps** Tuning PL/SQL - PL/SQL Tuning, DISTINCT, Indexes, IN and EXISTS, Tune This is an excerpt from the top selling book Oracle PL/SQL Tuning by Dr. Tim **Oracle PL/SQL Tuning Secrets** Oracle PL/SQL is a very powerful language used extensively in the real world. This book will help you extract the best performance out of your PL/SQL code **Oracle PL/SQL Tuning -** In the Oracle Database: SQL Tuning for Developers course, you learn about Oracle Familiarity with database architecture Knowledge of SQL and PL/SQL. **PL/SQL Optimization and Tuning - Oracle Help Center** This Database 11g SQL Tuning Workshop training teaches database Home > Training > Database > Database Application Development > SQL and PL/SQL. **11 Tuning PL/SQL Applications for Performance - Oracle Help Center** However, things changed in 10g. Oracle added the v\$sys\_time\_modelview, which showed the amount of time spent executing PL/SQL code, **When and How to Write SQL in Oracle PL/SQL** Before starting any tuning effort, benchmark the current system and measure how long particular subprograms take. PL/SQL in Oracle Database 10g includes **Tuning PL/SQL Applications for Performance - Oracle Help Center** The following Tip is from the outstanding book Oracle PL/SQL Tuning: Expert Secrets for High Performance Programming by Dr. Tim Hall, Oracle ACE of the **Tuning PL/SQL Applications - Oracle Help Center** . TOP TWENTY PL/SQL. TIPS AND TECHNIQUES. STEVEN FEUERSTEIN. PL/SQL has come a long way since its rather simplistic. **Oracle PL/SQL Performance Tuning and the Unknown UNDO** Prior to Oracle Database 10g Release 1 (10.1), the PL/SQL compiler translated your The following kinds of PL/SQL code are very likely to benefit from tuning:. **Advanced PL/SQL Code Tuning Mike Ault - Burleson Consulting** PL/SQL stands for Procedural Language/Structured Query Language and it is Oracles extension of SQL that aims to seamlessly process SQL commands. **Database PL/SQL Users Guide and Reference - Contents** Advanced PL/SQL Code Tuning Mike Ault. The Best Oracle Resource on the Web . In Oracle9i Oracle uses bind variable peaking for the first time a SQL is **Oracle Database 11g: SQL Tuning Workshop - Oracle University** Oracle PL/SQL is a very powerful language used extensively in the real world. This book will help you extract the best performance out of your PL/SQL code