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Cost-Based Oracle Fundamentals

"The insights that Jonathan provides into the workings of the cost-based optimizer will make a DBA a better designer and a developer a better SQL coder. Both groups will become better troubleshooters."

—Thomas Kyte

Jonathan Lewis

Foreword by Thomas Kyte

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do you do when your database application isn't running fast enough You troubleshoot of course Finding the slow part of an application is often the easy part of the battle It's finding a solution that's 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 Gives a systematic approach to solving database application performance problems Helps you plan for performance as you would for any other application requirement

Parallel Computing Technologies Victor Malyshev, 2011-09-10 This book constitutes the proceedings of the 11th International Conference on Parallel Computing Technologies PaCT 2011 held in Kazan Russia on September 19-23 2011 The 44 full papers presented together with 2 invited papers were carefully reviewed and selected from 68 submissions The papers are organized in topical sections on models and languages cellular automata parallel programming tools and support and applications

Oracle Core: Essential Internals for DBAs and Developers Jonathan Lewis, 2012-01-28 Oracle Core Essential Internals for DBAs and Developers by Jonathan Lewis provides just the essential information about Oracle Database internals that every database administrator needs for troubleshooting no more no less Oracle Database seems complex on the surface However its extensive feature set is really built upon upon a core infrastructure resulting from sound architectural decisions made very early on that have stood the test of time This core infrastructure manages transactions and the ability to commit and roll back changes protects the integrity of the database enables backup and recovery and allows for scalability to thousands of users all accessing the same data Most performance backup and recovery problems that database administrators face on a daily basis can easily be identified through understanding the essential core of Oracle Database architecture that Lewis describes in this book Provides proven content from a world renowned performance and troubleshooting expert Emphasizes the significance of internals knowledge to rapid identification of database performance problems Covers the core essentials and does not waste your time with esoterica

Oracle Insights Cary Millsap, Anjo Kolk, Connor McDonald, Tim Gorman, Kyle Hailey, David Ensor, Jonathan Lewis, Gaja Krishna Vaidyanatha, David Ruthven, James Morle, 2004-07-23 Announcing a new book from Apress and the OakTable Network Oracle Insights Tales of the Oak Table presents 11 world renowned industry specialists proffering their own highly experienced views input and insights on Oracle where it's been where it's going how and how not to use it successfully the software and techniques that they've introduced to help people achieve their goals and some frightening tales of what can happen when fundamental design principles are ignored The collaborating authors have solved many of the worst Oracle performance problems in the world and they've each saved at least one doomed flagship project Over many years they've been sharing their unique knowledge with each other at conferences around the OakTable and in coffee shops restaurants and bars on five continents Now they want to share their key insights with you A major focus of this book concerns the ways in which you can avoid common and debilitating mistakes when building Oracle software projects From these stories you'll learn the simple steps that will help you avoid real pain on

your next or current Oracle project **Expert Oracle Practices** Pete Finnigan,Alex Gorbachev,Tim Gorman,Charles Hooper,Jonathan Lewis,Niall Litchfield,Robyn Sands,Joze Senegacnik,Riyaj Shamsudeen,Jeremiah Wilton,Graham Wood,Connie Green,Karen Morton,Randolf Geist,Uri Shaft,Melanie Caffrey,Andrew Morton,Tom Green,Paul Wilton,Joe Lewis,2010-01-20 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 *The National Guide to Educational Credit for Training Programs* ,1999

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