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# Oracle Core

## Essential Internals for DBAs and Developers

*GRASP THE INTERNAL MECHANICS  
THAT MAKE ORACLE DATABASE WORK*

Jonathan Lewis

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# Oracle Core Essential Internals For Dbas And Developers

**David C. Kreines**



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*Databases for Small Business* Anna Manning, 2015-11-21 This book covers the practical aspects of database design data cleansing data analysis and data protection among others The focus is on what you really need to know to create the right database for your small business and to leverage it most effectively to spur growth and revenue Databases for Small Business is a practical handbook for entrepreneurs managers staff and professionals in small organizations who are not IT specialists but who recognize the need to ramp up their small organizations use of data and to round out their own business expertise and office skills with basic database proficiency Anna Manning a data scientist who has worked on database design and data analysis in a computer science university research lab her own small business and a nonprofit walks you through the progression of steps that will enable you to extract actionable intelligence and maximum

value from your business data in terms of marketing sales customer relations decision making and business strategy Dr Manning illustrates the steps in the book with four running case studies of a small online business an engineering startup a small legal firm and a nonprofit organization Databases for Small Business teaches non techie entrepreneurs and professionals how to Design a small business database from scratch Extract the maximum profit from your data Follow guidance on data protection law Effectively use data collection and data cleansing techniques Train staff to leverage your data

**Database Administration** Craig S. Mullins, 2012-10-11 Database Administration Second Edition is the definitive technology independent guide to the modern discipline of database administration Packed with best practices and proven solutions for any database platform or environment this text fully reflects the field s latest realities and challenges Drawing on more than thirty years of database experience Mullins focuses on problems that today s DBAs actually face and skills and knowledge they simply must have Mullins presents realistic thorough and up to date coverage of every DBA task including creating database environments data modeling normalization design performance data integrity compliance governance security backup recovery disaster planning data and storage management data movement distribution data warehousing connectivity metadata tools and more This edition adds new coverage of Big Data database appliances cloud computing and NoSQL Mullins includes an entirely new chapter on the DBA s role in regulatory compliance with substantial new material on data breaches auditing encryption retention and metadata management You ll also find an all new glossary plus up to the minute DBA rules of thumb

*Oracle Database XE 11gR2 Jump Start Guide* Asif Momen, 2012-07-10 Build and manage your Oracle Database XE environment with this fast paced practical guide

*Oracle Database 12c Backup and Recovery Survival Guide* Francisco Munoz Alvarez, Aman Sharma, 2013-09-24 The book follows a tutorial based approach covering all the best practices for backup and recovery The book starts by introducing readers to the world of backup and recovery then moves on to teach them the new features offered by Oracle 12c The book is full of useful tips and best practices that are essential for any DBA to perform backup and recovery operations in an organization This book is designed for Oracle DBAs and system administrators The reader will have a basic working experience of administering Oracle databases This book is designed for Oracle DBAs and system administrators This book will become a reference guide and will also help you to learn some new skills and give you some new ideas you never knew about helping you to easily find the solution to some of the most well known problems you could encounter as DBAs

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Stackowiak, Associate Fellow Sustainable Development Programme Royal Institute of International Affairs Jonathan Stern, Jonathan Stern, 2013-09-06 Written by Oracle insiders this indispensable guide distills an enormous amount of information about the Oracle Database into one compact volume Ideal for novice and experienced DBAs developers managers and users Oracle Essentials walks you through technologies and features in Oracle's product line including its architecture data structures networking concurrency and tuning Complete with illustrations and helpful hints this fifth edition provides a valuable one stop overview of Oracle Database 12c including an introduction to Oracle and cloud computing Oracle Essentials provides the conceptual background you need to understand how Oracle truly works Topics include A complete overview of Oracle databases and data stores and Fusion Middleware products and features Core concepts and structures in Oracle's architecture including pluggable databases Oracle objects and the various datatypes Oracle supports System and database management including Oracle Enterprise Manager 12c Security options basic auditing capabilities and options for meeting compliance needs Performance characteristics of disk memory and CPU tuning Basic principles of multiuser concurrency Oracle's online transaction processing OLTP Data warehouses Big Data and Oracle's business intelligence tools Backup and recovery and high availability and failover solutions      *Expert Oracle Database Architecture* Thomas Kyte, Darl Kuhn, 2014-11-10 Now in its third edition this best selling book continues to bring you some of the best thinking on how to apply Oracle Database to produce scalable applications that perform well and deliver correct results Tom Kyte and Darl Kuhn share a simple philosophy you can treat Oracle as a black box and just stick data into it or you can understand how it works and exploit it as a powerful computing environment If you choose the latter then you'll find that there are few information management problems that you cannot solve quickly and elegantly This fully revised third edition covers the developments up to Oracle Database 12c Significant new content is included surrounding Oracle's new cloud feature set and especially the use of pluggable databases Each feature is taught in a proof by example manner not only discussing what it is but also how it works how to implement software using it and the common pitfalls associated with it Don't treat Oracle Database as a black box Get this book Get under the hood Turbo charge your career Revised to cover Oracle Database 12c Proof by example approach Let the evidence be your guide Dives deeply into Oracle Database's most powerful features      *Oracle Database 11g* Sam Alapati, Charles Kim, 2008-11-01 This brilliant new book gives readers the lowdown on the most important new features in the latest release of Oracle's flagship database product Authors Sam Alapati and Charles Kim are experienced database administrators who go beyond regurgitating Oracle's new feature documentation to report on what's new that really matters Readers whose careers are bound up in Oracle's database system need to know what's new Sam and Charles deliver with a rigor and candor that will help readers choose the best of the new features to apply in their own environments

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