

Oracle Spatial User Guide 11g

Master Oracle Data Guard 11g Provide superior data protection, availability, and disaster recovery using the tested techniques in this Oracle Press guide. Cowritten by a team of Oracle experts, Oracle Data Guard 11g Handbook provides a sound architectural foundation along with best practices for configuration, monitoring, maintenance, and troubleshooting. You will get full details on implementing deployment architectures to address requirements that extend beyond disaster recovery. This invaluable resource also includes a complete set of monitoring scripts available for download. Develop a disaster recovery plan for your Oracle database to meet your organization's requirements Configure and deploy Oracle Data Guard for your environment Tune and troubleshoot your physical and logical standby databases Implement the Oracle Data Guard Broker management framework Integrate with Oracle Grid Control Monitor your Oracle Data Guard environment Enable read-only services and disaster recovery with Oracle Active Data Guard Configure seamless database and application failover Minimize planned downtime using Oracle Data Guard switchover Handle backup and recovery with Oracle Recovery Manager The book comprises innovative research presented at the 14th Conference of the Association of Geographic Information Laboratories in Europe (AGILE), held in 2011 in Utrecht, The Netherlands. The scientific papers cover a large variety of fundamental research topics as well as applied research in Geoinformation Science including measuring spatiotemporal phenomena, quality and semantics, spatiotemporal analysis, modeling and decision support as well as spatial information infrastructures. The book is aimed at researchers, practitioners and students who work in various fields and disciplines related to Geoinformation Science and technology.

An official Oracle test preparation manual for candidates dealing with the Oracle Certified Associate Oracle Database 11g: SQL Fundamentals I exam covers all relevant topics, including installation, configuration, application tuning, database management, backup and recovery, security, and more, accompanied by a CD-ROOM containing two practice exams with answer keys and an electronic version of the book. Original. (Intermediate)

The book presents a collection of accepted papers from the 3DGeoinfo 2015 international conference held in Kuala Lumpur, Malaysia from October 28 – 30, 2015. All papers underwent double-blind review by experts from around the globe. The conference brought together pioneering international researchers and practitioners to facilitate the dialogue on emerging topics in the field of 3D geo-information. The focus areas include: - Data Collection and Modeling: advanced approaches for 3D data collection, reconstruction and methods for representation- Data Management: topological, geometrical and network models for maintenance of 3D geoinformation- Data Analysis and Visualization: frameworks for representing 3D spatial relationships, 3D spatial analysis and algorithms for navigation, interpolation, advanced VR, AR and MR visualisation, as well as 3D visualization on mobile devices- 3D Applications: city models, Cadastre, LBS, etc.

A Fully Integrated Study System for OCA Exam 1Z0-052 Prepare for the Oracle Certified Associate Oracle Database 11g Administration I exam with help from this exclusive Oracle Press guide. In each chapter, you'll find challenging exercises, practice questions, a two-minute drill, and a chapter summary to highlight what you've learned. This authoritative guide will help you pass the test and serve as your essential on-the-job reference. Get complete coverage of all OCA objectives for exam 1Z0-052, including: Database architecture Creating an Oracle Database Managing the Oracle instance Configuring and managing the Oracle network Managing database storage structures Administering user security Managing schema objects, data and concurrency, and undo data Implementing Oracle Database security Database maintenance and performance management Backup and recovery Moving data Intelligent infrastructure enhancements On the CD-ROM: One full practice exam that simulates the actual OCA exam Detailed answers and explanations Score report performance assessment tool Complete electronic book Bonus exam available free with online registration

Exam 1Z0-053

12th International Symposium, SSTD 2011, Minneapolis, MN, USA, August 24-26, 2011. Proceedings

Oracle Database Administration from the Oak Table

Advancing Geoinformation Science for a Changing World

Advances in 3D Geoinformation

Develop Service-Oriented Architecture Solutions with the Oracle SOA Suite with this book and eBook

This volume constitutes the refereed proceedings of the 12th International Symposium on Spatial and Temporal Databases, SSTD 2011, held in Minneapolis, USA, in August 2011. The 24 revised full papers presented together with one keynote, 8 short papers, and 8 demonstration papers, were thoroughly reviewed and selected from a total of 63 research submissions, 21 vision and challenges submissions and 16 demonstration submissions. The papers are organized in topical sections on knowledge discovery; spatial networks; access methods; moving objects and sensor networks; multidimensional query processing; and temporal and streaming data.

A Fully Integrated Study System for OCP Exam 1Z0-050 Prepare for the Oracle Certified Professional Oracle Database 11g New Features for Administrators exam with help from this exclusive Oracle Press guide. In each chapter, you'll find challenging exercises, practice questions, a two-minute drill, and a chapter summary to highlight what you've learned. This authoritative guide will help you pass the test, and serve as your essential on-the-job reference. Get complete coverage of all OCP objectives for exam 1Z0-050, including: Installation and upgrades Partitioning and storage Intelligent infrastructure Diagnostics and fault management Performance Oracle Recovery Manager and Oracle Flashback Security Oracle SQL Performance Analyzer SQL plan management Automatic SQL tuning On the CD-ROM: One full practice exam that simulates the actual OCP exam Detailed answers and explanations Score report performance assessment tool Complete electronic book Bonus exam available free with online registration

* With Oracle 10g, for the first time, much of the Spatial functionality is provided for free (rather than as a priced option) in the database, thus massively increasing the potential audience. * Shows how any Oracle application that has a spatial element (e.g. postcode) can take advantage of Spatial functionality. * Contains case studies of more advanced applications of Spatial in healthcare, telecom, retail, and distribution. * Oracle Spatial is recognized to be the standard platform for enterprise land management, mapping, telecom, transportation, and utility applications. Every major GIS tool vendor supports Oracle Spatial and all major map data providers deliver their data in Oracle Spatial format. * The book will be based on extensive feedback from training courses, discussion lists, and customers. It will recommend best practice approaches to the most common problems with which developers struggle. * The authors are all experienced and well-respected experts. The Oracle personnel contributing have a decade of experience with Spatial and in helping partners and customers fully leverage its capabilities. The technical reviewers include lead developers of the product. * Rather than simplified code snippets, the book provides real

solutions that people can then build upon themselves.

This updated study guide for the latest release of the most popular database software in the world—Oracle Database 11g—reviews using the RMAN recovery catalog, handling Flashback technology, managing memory and resources, automating tasks, diagnosing the database, and much more. Plus, more than 100 pages of workbook exercises help prepare you to take the 1Z0-053 exam. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

Oracle SOA Suite 11g R1 Developer's Guide

Concise Guide to Databases

Advances in Spatial and Temporal Databases

Exam 1Z0-051

OCP Oracle Database 11g New Features for Administrators Exam Guide (Exam 1Z0-050)

Smart Sensing Technology for Agriculture and Environmental Monitoring

Now available in paperback—Pro Oracle Spatial for Oracle Database 11g shows how to take advantage of Oracle Databases built-in feature set for working with location-based data. A great deal of the information used in business today is associated with location in some way, and analysis of that data is becoming ever more important in today's mobile and highly connected world. In Pro Oracle Spatial for Oracle Database 11g, authors Ravi Kothuri and Albert Godfrind address: The special nature of spatial data and its role in professional and consumer applications Issues in spatial data management such as modeling, storing, accessing, and analyzing spatial data The Oracle Spatial solution and the integration of spatial data into enterprise databases How spatial information is used to understand business and support decisions, to manage customer relations, and to better serve private and corporate users When you read Pro Oracle Spatial for Oracle Database 11g, you're learning from the very best. Ravi Kothuri is a key member of Oracle's Spatial development team. Albert Godfrind consults widely with Oracle clients on the implementation of Oracle Spatial, develops training courses, and presents frequently at conferences. Together they have crafted a technically sound and authoritative fountain of information on working with spatial data in the Oracle database.

This easy-to-read textbook/reference presents a comprehensive introduction to databases, opening with a concise history of databases and of data as an organisational asset. As relational database management systems are no longer the only database solution, the book takes a wider view of database technology, encompassing big data, NoSQL, object and object-relational and in-memory databases. The text also examines the issues of scalability, availability, performance and security encountered when building and running a database in the real world. Topics and features: presents review and discussion questions at the end of each chapter, in addition to skill-building, hands-on exercises; introduces the fundamental concepts and technologies in database systems, placing these in an historic context; describes the challenges faced by database professionals; reviews the use of a variety of database types in business environments; discusses areas for further research within this fast-moving domain.

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.

This book constitutes the refereed proceedings of six workshops of the 14th International Conference on Web-Age Information Management, WAIM 2013, held in Beidaihe, China, June 2013. The 37 revised full papers are organized in topical sections on the six following workshops: The International Workshop on Big Data Management on Emerging Hardware (HardBD 2013), the Second International Workshop on Massive Data Storage and Processing (MDSP 2013), the First International Workshop on Emergency Management in Big Data Age (BigEM 2013), the International Workshop on Trajectory Mining in Social Networks (TMSN 2013), the First International Workshop on Location-based Query Processing in Mobile Environments (LQPM 2013), and the First International Workshop on Big Data Management and Service (BDMS 2013).

The book focuses on the different aspects of sensing technology, i.e. high reliability, adaptability, recalibration, information processing, data fusion, validation and integration of novel and high performance sensors specifically aims to monitor agricultural and environmental parameters. This book is dedicated to Sensing systems for Agricultural and Environmental Monitoring offers to variety of users, namely, Master and PhD degree students, researchers, practitioners, especially Agriculture and Environmental engineers. The book will provide an opportunity of a dedicated and a deep approach in order to improve their knowledge in this specific field.

GeoServer Beginner's Guide

Oracle Application Express 4.0 with Ext JS

Maximum Performance for your Database

Pro Oracle Spatial for Oracle Database 11g
From Laptops to Production
Expert One-on-One Oracle

New Oracle database administrators can get off the ground running. This book helps you develop the ability to think on your feet and move focus in an instant from arcane syntax details to broad, corporate issues. Along the way, you will see how to create your first database and implement best practices to ensure a well-running database system. What makes Oracle DBA Mentor different is that it also teaches you how to obtain answers that are not found in this or other books. Focus is given to creating a test bed and running test cases to examine hypotheses and prove out solutions so you can be sure they work in production. Attention is given to navigating product documentation and networking in forums and social media to build your skills and a network to draw on when solving problems under pressure. There are chapters of step-by-step technical content as well as coverage of essential skills to succeed as a DBA no matter which database engine you administer. By the time you are done reading this book, you will have confidence to face many of the situations thrown in your direction. You will know where to go for the answers you don't yet know that you need. You'll be able to work and troubleshoot under pressure. You'll know how to create a database, institute backup and recovery procedures, secure the database and its valuable corporate data, and acquire more knowledge as needed so you can run a database to meet the needs of your organization. What You'll Learn Install Oracle Database with best practices Implement backup and recovery procedures Understand the fundamentals of databases and data security Find answers to technical problems using Oracle documentation, Oracle Support, and other resources Patch and upgrade an Oracle database Who This Book Is For The novice database administrator who wants help getting off the ground with their DBA career, and in building the skills to let that career flourish in the long term. Mid-level DBAs will also find the book helpful as they try to grow their career to the next level. While the book is geared toward the Oracle platform, database administrators from other platforms can benefit from the soft skills covered in this book.

The development of modern information systems is a demanding task. New technologies and tools are designed, implemented and presented in the market on a daily bases. User needs change dramatically fast and the IT industry copes to reach the level of efficiency and adaptability for its systems in order to be competitive and up-to-date. Thus, the realization of modern information systems with great characteristics and functionalities implemented for specific areas of interest is a fact of our modern and demanding digital society and this is the main scope of this book. Therefore, this book aims to present a number of innovative and recently developed information systems. It is titled "Modern Information Systems" and includes 8 chapters. This book may assist researchers on studying the innovative functions of modern systems in various areas like health, telematics, knowledge management, etc. It can also assist young students in capturing the new research tendencies of the information systems' development.

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 Deliver rich desktop-styled Oracle APEX applications using the powerful Ext JS JavaScript library with this book and eBook.

Computer science provides a powerful tool that was virtually unknown three generations ago. Some of the classical fields of knowledge are geodesy (surveying), cartography, and geography. Electronics have revolutionized geodetic methods. Cartography has faced the dominance of the computer that results in simplified cartographic products. All three fields make use of basic components such as the Internet and databases. The Springer Handbook of Geographic Information is organized in three parts, Basics, Geographic Information and Applications. Some parts of the basics belong to the larger field of computer science. However, the reader gets a comprehensive view on geographic information because the topics selected from computer science have a close relation to geographic information. The Springer Handbook of Geographic Information is written for scientists at universities and industry as well as advanced and PhD students.

Oracle Essentials

Oracle to DB2 Conversion Guide: Compatibility Made Easy

3D Geo-Information Sciences

Beyond Databases, Architectures, and Structures

Oracle Data Guard 11g Handbook

Oracle Database 11g & MySQL 5.6 Developer Handbook

Master Oracle Business Intelligence 11g Reports and Dashboards Deliver meaningful business information to users anytime, anywhere, on any device, using Oracle Business Intelligence 11g. Written by Oracle ACE Director Mark Rittman, Oracle Business Intelligence 11g Developers Guide fully covers the latest BI report design and distribution techniques. Find out how to execute effective queries, build accurate models, use scorecards and KPIs, create dynamic reports,

set up dashboards, and publish to smartphones and wireless devices. This Oracle Press guide contains comprehensive details on Oracle Exalytics In-Memory Machine, the best-in-class, preintegrated BI platform. Install or upgrade to Oracle Business Intelligence 11g Develop and manage custom Oracle Business Intelligence repositories Access relational, file, and multidimensional data sources Design print-quality reports with Oracle Business Intelligence Publisher Create web-enabled analyses, dashboards, and visualizations Integrate with other applications using Oracle Business Intelligence 11g Action Framework Employ authentication, authorization, and row-level security Configure and deploy Oracle Exalytics In-Memory Machine

Microsoft SQL Server implements extensive support for location-based data. Pro Spatial with SQL Server 2012 introduces SQL Server 's spatial feature set, and covers everything you'll need to know to store, manipulate, and analyze information about the physical location of objects in space. You ' ll learn about the geography and geometry datatypes, and how to apply them in practical situations involving the spatial relationships of people, places, and things on Earth. Author Alastair Aitchison first introduces you to SQL Server ' s spatial feature set and the fundamental concepts involved in working with spatial data, including spatial references and co-ordinate systems. You ' ll learn to query, analyze, and interpret spatial data using tools such as Bing Maps and SQL Server Reporting Services. Throughout, you'll find helpful code examples that you can adopt and extend as a basis for your own projects. Explains spatial concepts from the ground up—no prior knowledge is necessary Provides comprehensive guidance for every stage of working with spatial data, from importing through cleansing and storing, to querying, and finally for retrieval and display of spatial data in an application layer Brilliantly illustrated with code examples that run in SQL Server 2012, that you can adapt and use as the basis for your own projects.

A Complete Study System for OCA Exam 1Z0-061 Prepare for the Oracle Certified Associate Oracle Database 12c SQL Fundamentals I exam with this Oracle Press guide. Each chapter features challenging exercises, a certification summary, a two-minute drill, and a self-test to reinforce the topics presented. This authoritative resource helps you pass the exam and also serves as an essential, on-the-job reference. Get complete coverage of all OCA objectives for exam 1Z0-061, including: Data retrieval using the SQL SELECT statement Restricting and sorting data Single-row functions Using conversion functions and conditional expressions Reporting aggregated data with the group functions Displaying data from multiple tables with joins Using subqueries to solve problems Using the set operators Manipulating data with DML statements Using DDL statements to create and manage tables Electronic content includes: 150+ practice exam questions with detailed answers and explanations Score report performance assessment tool

A major prerequisite for the usage and deployment of Oracle database technology is a successful installation. The purpose of this Oracle 11g training course module is to offer a step-by-step guide for the configuration of a Linux or Microsoft Windows server to host an Oracle database Enterprise Edition installation. Especially in a Linux environment installation of the database requires careful preparation, configuration and sometimes troubleshooting in order to succeed. This course includes practical tips learned from many real-world installations which can assist you to achieve a successful installation in your environment. We will explore both a standalone database installation and also a grid infrastructure installation. Major objectives covered within this guide book include: - Configuration of the Linux and Microsoft Windows operating systems in anticipation of a database installation; Performing a Desktop Class installation of the Oracle 11g R2 Enterprise Edition database; - Performing a Server Class installation of the Oracle 11g R2 Enterprise Edition database; - Addressing configuration and setup issues using the FixUp utility;- Verification of a valid database installation; Database administrator and technical support interface options, including the use of Enterprise Manager, command-line SQL*Plus, and terminal console SSH;- Preparing a host system for the Grid Infrastructure and Oracle RDBMS installations and performing those installations;- Preparing a host system for ASM storage management; - Partitioning and configuration of storage devices for ASM storage on both Linux and MS Windows servers; While this course module applies specifically to the installation of the Enterprise Edition of the Oracle database, it covers basic topics which apply to any Oracle software installation. Therefore, this material is also useful for the installation of other Oracle products such as the Oracle Database Client, specialized options for a database server installation, and so on.

Using real-world examples and hands-on tasks, Oracle Data Guard 11gR2 Administration Beginner's Guide will give you a solid foundation in Oracle Data Guard. It has been designed to teach you everything you need to know to successfully create and operate Data Guard environments with maximum flexibility, compatibility, and effectiveness.If you are an Oracle database administrator who wants to configure and administer Data Guard configurations, then "Oracle Data Guard 11gR2 Administration Beginner's Guide" is for you. With a basic understanding of Oracle database administration, you'll be able to easily follow the book.

International Conference, ICIEIS 2011, Kuala Lumpur, Malaysia, November 12-14, 2011. Proceedings, Part IV

Oracle Exadata Survival Guide

Pro Oracle Spatial

WAIM 2013 International Workshops: HardBD, MDSP, BigEM, TMSN, LQPM, BDMS, Beidaihe, China, June 14-16, 2013. Proceedings

Pro Spatial with SQL Server 2012

10th International Conference, BDAS 2014, Ustron, Poland, May 27-30, 2014. Proceedings

This book constitutes the refereed proceedings of the 10th IEEE International Conference Beyond Databases, Architectures, and Structures, BDAS 2014, held in Ustron, Poland, in May 2014. This book consists of 56 carefully revised selected papers that are assigned to 11 thematic groups: query languages, transactions and query optimization; data warehousing and big data; ontologies and semantic web; computational intelligence and data mining; collective intelligence, scheduling, and parallel processing; bioinformatics and biological data analysis; image analysis and multimedia mining; security of database systems; spatial data analysis; applications of database systems; Web and XML in database systems.

This book constitutes the refereed proceedings of the 24th International Conference on Scientific and Statistical Database Management, SSDBM 2012, held in Chania, Crete, Greece, in June 2012. The 25 long and 10 short papers presented together with 2 keynote, 1 panel, and 13 demonstration and poster papers were carefully reviewed and selected from numerous submissions. The topics covered are uncertain and probabilistic data, parallel and distributed data management, graph processing, mining multidimensional data, provenance and workflows, processing scientific queries, and support for demanding applications.

Pro Oracle Spatial for Oracle Database 11gApress

Describes what Exadata is and its available configurations for such features as smart scans, storage indexes, hybrid columnar compression, and Smart Flash Cache.

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

Springer Handbook of Geographic Information

OCA Oracle Database 11g SQL Fundamentals I Exam Guide

Pro ODP.NET for Oracle Database 11g

Oracle DBA Mentor

Informatics Engineering and Information Science, Part IV

Getting Started with Oracle Event Processing 11g

In recent years 3D geo-information has become an important research area due to the increased complexity of tasks in many geo-scientific applications, such as sustainable urban planning and development, civil engineering, risk and disaster management and environmental monitoring. Moreover, a paradigm of cross-application merging and integrating of 3D data is observed. The problems and challenges facing today's 3D software, generally application-oriented, focus almost exclusively on 3D data transportability issues – the ability to use data originally developed in one modelling/visualisation system in other and vice versa. Tools for elaborated 3D analysis, simulation and prediction are either missing or, when available, dedicated to specific tasks. In order to respond to this increased demand, a new type of system has to be developed. A fully developed 3D geo-information system should be able to manage 3D geometry and topology, to integrate 3D geometry and thematic information, to analyze both spatial and topological relationships, and to present the data in a suitable form. In addition to the simple geometry types like point line and polygon, a large variety of parametric representations, freeform curves and surfaces or sweep shapes have to be supported. Approaches for seamless conversion between 3D raster and 3D vector representations should be available, they should allow analysis of a representation most suitable for a specific application.

This book is a practical guide with examples and clear steps to explain terrain modeling with Grome. If you're a developer or artist looking for a guide to walk you through GROME 3.1, then this book is for you. This book will help you from the first step to exporting a terrain as a workable art asset in a game engine.

This book is an advanced practical guide to applying and extending Oracle Spatial. This book is for existing users of Oracle and Oracle Spatial who have, at a minimum, basic operational experience of using Oracle or an equivalent database. Advanced skills are not required.

Master Application Development in a Mixed-Platform Environment Build powerful database applications in a mixed environment using the detailed information in this Oracle Press guide. Oracle Database 11g & MySQL 5.6 Developer Handbook lays out programming strategies and best practices for seamlessly operating between the two platforms. Find out how to migrate databases, port SQL dialects, work with Oracle MySQL databases, and configure effective queries. Security, monitoring, and tuning techniques are also covered in this comprehensive volume. Understand Oracle Database 11g and MySQL 5.6 architecture Convert databases between platforms and ensure transactional integrity Create tables, sequences, indexes, views, and user accounts Build and debug PL/SQL, SQL*Plus, SQL/PSM, and MySQL Monitor scripts Execute complex queries and handle numeric and date mathematics Merge data from source tables and set up virtual directories Expert Indexing in Oracle Database 11g is about the one database structure at the heart of almost all performance concerns: the index. Database system performance is one of the top concerns in information technology today. Administrators struggle to keep up with the explosion of access and activity driven by the proliferation of computing into everything from phones to tablets to PCs in our increasingly connected world. At the heart of any good-performing database lies a sound indexing strategy that makes appropriate use of indexing, and especially of the vendor-specific indexing features on offer. Few databases fully exploit the wealth of data access mechanisms provided by Oracle. Expert Indexing in Oracle Database 11g helps by bringing together information indexing and how to use it

into one, convenient and blissfully short volume that you can read quickly and have at your fingertips for reference. Learn the different types of indices available and when each is best applied. Recognize when queries aren't using indices as you intend. Manage your indexing for maximum performance. Let Expert Indexing in Oracle Database 11g be your guide to deep mastery of the most fundamental performance optimization structure in Oracle Database. Explains how indices work, how they help, and how they hinder Demystifies the various index choices Describes the database administration chores associated with indices

Oracle Business Intelligence 11g Developers Guide

Oracle Data Guard 11gR2 Administration Beginner's Guide

Expert Indexing in Oracle Database 11g

Expert Oracle Practices

Succeeding as an Oracle Database Administrator

Oracle Database 11g R2 Step-By-Step Installation Guide

This book is a comprehensive and easy-to-understand guide for using the Oracle Data Provider (ODP) version 11g on the .NET Framework. It also outlines the core GoF (Gang of Four) design patterns and coding techniques employed to build and deploy high-impact mission-critical applications using advanced Oracle database features through the ODP.NET provider. The book details the features of the ODP.NET provider in two main sections: " Basic, " covering the basics and mechanisms for data access via ODP.NET; and " Advanced, ' covering advanced Oracle features such as globalization, savepoints, distributed transactions and how to call them via ODP.NET, advanced queueing (AQ), and promotable transactions. It takes you from the ground up through different implementation scenarios via a rich collection of C# code samples. It outlines database security and performance optimization tricks and techniques on ODP.NET that conform to best practices and adaptable design. Different GoF design patterns are highlighted for different types of ODP.NET usage scenarios with consideration of performance and security. It provides a comprehensive guide to the synergistic integration of Oracle and Microsoft technologies such as the Oracle Developer Tools for Visual Studio (11.1.0.7.10). It also details how programmers can make use of ODT to streamline the creation of robust ODP.NET applications from within the Visual Studio environment.

This 4-Volume-Set, CCIS 0251 - CCIS 0254, constitutes the refereed proceedings of the International Conference on Informatics Engineering and Information Science, ICIEIS 2011, held in Kuala Lumpur, Malaysia, in November 2011. The 210 revised full papers presented together with invited papers in the 4 volumes were carefully reviewed and selected from numerous submissions. The papers are organized in topical sections on e-learning, information security, software engineering, image processing, algorithms, artificial intelligence and soft computing, e-commerce, data mining, neural networks, social networks, grid computing, biometric technologies, networks, distributed and parallel computing, wireless networks, information and data management, web applications and software systems, multimedia, ad hoc networks, mobile computing, as well as miscellaneous topics in digital information and communications.

* 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 is an enormous system, with myriad technologies, options, and releases. Most users--even experienced developers and database administrators--find it difficult to get a handle on the full scope of the Oracle database. And, as each new Oracle version is released, users find themselves under increasing pressure to learn about a whole range of new technologies. The latest challenge is Oracle Database 11g. This book distills an enormous amount of information about Oracle into a compact, easy-to-read volume filled with focused text, illustrations, and helpful hints. It contains chapters on: Oracle products, options, data structures, and overall architecture for Oracle Database 11g, as well as earlier releases (Oracle Database 10g, Oracle9i, and Oracle8i) Installing, running, managing, monitoring, networking, and tuning Oracle, including Enterprise Manager (EM) and Oracle's self-tuning and management capabilities; and using Oracle security, auditing, and compliance (a new chapter in this edition) Multiuser concurrency, data warehouses, distributed databases, online transaction processing (OLTP), high availability, and hardware architectures (e.g., SMP, clusters, NUMA, and grid computing) Features beyond the Oracle database: Oracle Application Express, Fusion Middleware (including Oracle Application Server), and database SOA support as a Web services provider The latest Oracle Database 11g features: query result set caching, Automatic Memory Management, the Real Application Testing, Advanced Compression, Total Recall, and Active Data Guard Option Options, changes to the OLAP Option (transparently accessed and managed as materialized views), the Flashback transaction command, transparent data encryption, the Support Workbench (and diagnosability infrastructure), and partitioning enhancements (including interval and new composite types) For new Oracle users, DBAs, developers, and managers, Oracle Essentials provides an invaluable, all-in-one introduction to the full range of Oracle features and technologies, including the just-released Oracle Database 11g features. But even if you already have a library full of Oracle documentation, you'll find that this compact book is the one you turn to, again and again, as your one-stop, truly essential reference. "Oracle Essentials gives a clear explanation of the key database concepts and architecture underlying the Oracle database. It's a great reference for anyone doing development or management of Oracle databases." --Andrew Mendelsohn, Senior Vice President,

Database Server Technologies, Oracle Corporation

This step-by-step guide will teach you how to use GeoServer to build custom and interactive maps using your data. About This Book Exploit the power of GeoServer to provide agile, flexible, and low -cost community projects Share real-time maps quickly Boost your map server's performance using the power and flexibility of GeoServer Who This Book Is For If you are a web developer with knowledge of server side scripting, have experience in installing applications on the server, and want to go beyond Google Maps by offering dynamically built maps on your site with your latest geospatial data stored in MySQL, PostGIS, MySQL, or Oracle, this is the book for you. What You Will Learn Install GeoServer quickly Access dynamic real-time geospatial data that you can easily integrate into your own web-based application Create custom styles for lines, points, and polygons for great-looking maps Command GeoServer remotely using REST Tune your GeoServer instance for performance Move GeoServer into production Learn advanced topics to extend GeoServer's capabilities In Detail GeoServer is an opensource server written in Java that allows users to share, process, and edit geospatial data. This book will guide you through the new features and improvements of GeoServer and will help you get started with it. GeoServer Beginner's Guide gives you the impetus to build custom maps using your data without the need for costly commercial software licenses and restrictions. Even if you do not have prior GIS knowledge, you will be able to make interactive maps after reading this book. You will install GeoServer, access your data from a database, and apply style points, lines, polygons, and labels to impress site visitors with real-time maps. Then you follow a step-by-step guide that installs GeoServer in minutes. You will explore the web-based administrative interface to connect to backend data stores such as PostGIS, and Oracle. Going ahead, you can display your data on web-based interactive maps, use style lines, points, polygons, and embed images to visualize this data for your web visitors. You will walk away from this book with a working application ready for production. After reading GeoServer Beginner's Guide, you will be able to build beautiful custom maps on your website using your geospatial data. Style and approach Step-by-step instructions are included and the needs of a beginner are totally satisfied by the book. The book consists of plenty of examples with accompanying screenshots and code for an easy learning curve.

Share geospatial data using Open Source standards

Web-Age Information Management

Oracle Database 11g

OCA Oracle Database 12c SQL Fundamentals I Exam Guide (Exam 1Z0-061)

Oracle on VMware

OCA Oracle Database 11g Administration I Exam Guide (Exam 1Z0-052)

This IBM® Redbooks® publication describes IBM DB2® SQL compatibility features. The latest version of DB2 includes extensive native support for the PL/SQL procedural language, new data types, scalar functions, improved concurrency, built-in packages, OCI, SQLPlus, and more. These features can help with developing applications that run on both DB2 and Oracle and can help simplify the process of moving from Oracle to DB2. In addition, IBM now provides tools to simplify the enablement process, such as the highly scalable IBM Data Movement Tool for moving schema and data into DB2, and an Editor and Profiler for PL/SQL provided by the IBM Data Studio tool suite. This Oracle to DB2 migration guide describes new technology, preferred practices for moving to DB2, and common scenarios that can help you as you move from Oracle to DB2. This book is intended for IT architects and developers who are converting from Oracle to DB2. DB2 compatibility with Oracle is provided through native support. The new capabilities in DB2 that provide compatibility are implemented at the lowest and most intimate levels of the database kernel, as though they were originally engineered for DB2. means that the DB2 implementation is done without the aid of an emulation layer. This intimacy leads to the scalable implementation that DB2 offers, providing identical performance between DB2 compatibility features and DB2 other language elements. For example, DB2 runs SQL PL at the same performance as PL/SQL implementations of the same function.

Oracle Database 12c

Scientific and Statistical Database Management

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