Oracle Database Object Relational Developer Guide 11g Release 2

HEIDI DEANDRE

Oracle PL/SQL by Example Malcolm Coxall - Cornelio Books
Object-oriented databases were originally developed as an alternative to relational database technology for the representation, storage, and access of non-traditional data forms that were increasingly found in advanced applications of database technology. After much debate regarding object-oriented versus relational database technology, object-oriented extensions were eventually incorporated into relational technology to create object-relational databases. Both object-oriented databases and object-relational databases, collectively known as object databases, provide inherent support for object features, such as object identity, classes, inheritance hierarchies, and associations between classes using object references. This monograph presents the fundamentals of object databases, with a specific focus on conceptual modeling of object database designs. After an introduction to the fundamental concepts of object-oriented data, the monograph provides a review of object-oriented conceptual modeling techniques using side-by-side Enhanced Entity Relationship diagrams and Unified Modeling Language conceptual class diagrams that feature class hierarchies with specialization constraints and object associations. These object-oriented conceptual models provide the basis for introducing case studies that illustrate the use of object features within the design of object-oriented and object-relational databases. For the object-oriented database perspective, the Object Data Management Group data definition language provides a portable, language-independent specification of an object schema, together with an SQL-like object query language. LINQ (Language INtegrated Query) is presented as a case study of an object query language together with its use in the db4o open-source object-oriented database. For the object-relational perspective, the object-relational features of the SQL standard are presented together with an accompanying case study of the object-relational features of Oracle. For completeness of coverage, an appendix provides a mapping of object-oriented conceptual designs to the relational model and its associated constraints. Table of Contents: List of Figures / List of Tables / Introduction to Object Databases / Object-Oriented Databases / Object-Relational Databases
Beginning Oracle Programming Apress
Beginning Oracle SQL is your introduction to the interactive query tools and specific dialect of SQL used with Oracle Database. The book is a revision of the classic Mastering Oracle SQL and SQL*Plus by Lex de Haan, and has been updated to cover developments in Oracle's version of the SQL query language. Written in an easygoing and example-based style, Beginning Oracle SQL is the book that will get you started down the path to successfully writing SQL statements and getting results from Oracle database. Takes an example-based approach, with clear and authoritative explanations Introduces both SQL and the query tools used to execute SQL statements Shows how to create tables, populate them with data, and then query that data to generate business results
Oracle Built-in Packages McGraw Hill Professional
Developer/2000 is Oracle's answer to PowerBuilder. In this straightforward guide, Paul Hipsley presents a complete overview of the Oracle RDBMS and the new tools included in Developer/2000. Hipsley covers everything from modeling the logical database and building the physical database to developing successful forms, reports, and graphics. The disk includes code and samples of the applications.
Oracle 8 Que Publishing
This bestselling beginner's guide has been completely revised to cover the new features of Oracle8, including the new object environment and object-oriented programming concepts, data warehousing, and network computing architecture. Since Oracle has made NT its primary development platform for the future, this edition will have more of an NT "flavor" than its UNIX-based predecessor.
Programming with Oracle Developer Prentice Hall
"The book covers comprehensive and fundamental aspects of the implementation of object-oriented modeling in a DBMS that was originated as a pure Relational Database, Oracle"--Provided by publisher.
Oracle SQL Elsevier
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
High-performance Oracle Database Applications Apress
JDBC is the key Java technology for relational database access. Oracle is arguably the most widely used relational database platform in the world. In this book, Donald Bales brings these two technologies together, and shows you how to leverage the full power of Oracle's implementation of JDBC. You begin by learning the all-important mysteries of establishing database connections. This can be one of the most frustrating areas for programmers new to JDBC, and Donald covers it well with detailed information and examples showing how to make database connections from applications, applets, Servlets, and even from Java programs running within the database itself. Next comes thorough coverage of JDBC's relational SQL features. You'll learn how to issue SQL statements and get results back from the database, how to read and write data from large, streaming data types such as BLOBs, CLOBs, and BFILEs, and you'll learn how to interface with Oracle's other built-in programming language, PL/SQL. If you're taking advantage of the Oracle's relatively new ability to create object tables and column objects based on user-defined datatypes, you'll be pleased with Don's thorough treatment of this subject. Don shows you how to use JPublisher and JDBC to work seamlessly with Oracle database objects from within Java programs. You'll also learn how to access nested tables and arrays using JDBC. Donald concludes the book with a discussion of transaction management, locking, concurrency, and performance--topics that every professional JDBC programmer must be familiar with. If you write Java programs to run against an Oracle database, this book is a must-have.
Oracle SQL Developer Data Modeler for Database Design Mastery Apress
Design Databases with Oracle SQL Developer Data Modeler In this practical guide, Oracle ACE Director Heli Helskyaho explains the process of database design using Oracle SQL Developer Data Modeler—the powerful, free tool that flawlessly supports Oracle and other database environments, including Microsoft SQL Server and IBM DB2. Oracle SQL Developer Data Modeler for Database Design Mastery covers requirement analysis, conceptual, logical, and physical design, data warehousing, reporting, and more. Create and deploy high-performance enterprise databases on any platform using the expert tips and best practices in this Oracle Press book. Configure Oracle SQL Developer Data Modeler Perform requirement analysis Translate requirements into a formal conceptual data model and process models Transform the conceptual (logical) model into a relational model Manage physical database design Generate data definition language (DDL) scripts to create database objects Design a data warehouse database Use subversion for version control and to enable a multiuser environment Document an existing database Use the reporting tools in Oracle SQL Developer Data Modeler Compare

designs and the database
IGI Global
Get a thorough understanding of Oracle Database 10g from the most comprehensive Oracle database reference on the market, published by Oracle Press. From critical architecture concepts to advanced object-oriented concepts, this powerhouse contains nearly 50 chapters designed to enlighten you. Upgrade from earlier versions, use SQL, SQL Plus, and PL/SQL. Get code examples and access popular documentation PDFs--plus a full electronic copy of the book on the included CD-ROM. Go beyond the basics and learn security, text searches, external tables, using Java in Oracle, and a great deal more.
Beginning Oracle PL/SQL "O'Reilly Media, Inc."
There are three parts to tuning an Oracle database: data modeling, SQL code tuning and physical database configuration. A data model contains tables and relationships between tables. Tuning a data model involves normalization and de-normalization. Different approaches are required depending on the application, such as OLTP or a Data Warehouse. Inappropriate database design can make SQL code impossible to tune. Poor data modeling can have a most profound effect on database performance since all SQL code is constructed from the data model. Poorly written SQL code is often a culprit of performance problems and is expensive to rectify. However, tuning of SQL code is generally cheaper than changing the data model. SQL code tends to be contained inside independent blocks within applications or stored procedures. Physical database tuning involves hardware resource usage, networking and various other Oracle things such as configuration and file distribution. Physical configuration is often a culprit of poor performance where Oracle is installed with defaults, and never altered by an expert. *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
ODP.NET Developers Guide Elsevier
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
Database Design for Smarties "O'Reilly Media, Inc."
This is Part 2 of a series of quick learning guides for Oracle designers, developers & managers. Part 2 introduces completely new entrants to concepts of Oracle database analysis and design, database normalisation, the logical data model, E-R modelling and diagrams, logical to physical transformation in Oracle Designer, physical database design,de-normalization and database design for performance.
Java Oracle Database Development Berkeley, Calif. ; Montreal : Osborne McGraw-Hill
This updated edition describes features available in Oracle9i, and provides a quick reference that summarizes PL/SQL syntax for every developer who uses PL/SQL for database programming.
Oracle8 PL/SQL Programming "O'Reilly Media, Inc."
This book is for you if you: Want to be either an Oracle administrator or developer; Need a tutorial that takes you from no knowledge to mastery of the Oracle database; Understand the underlying concepts behind relational databases; Have experience of basic SQL. What you will learn from this book: By the time you have completed this book, you will have all the knowledge you need to use Oracle databases with confidence. We will cover: Core Oracle terminology, tools, concepts, and architecture; The functionality of the different versions and editions of Oracle (8, 8i, and 9i); Basic and advanced Oracle SQL; Mastering SQL*Plus as an Oracle development tool; Understanding tables, indexes, transactions and concurrency, views, triggers, and objects; Using PL/SQL to write and package procedural code in the database; Securing your Oracle applications; Evaluating performance and tuning your Oracle application; A SQL Toolkit of useful scripts that you can use in your database; Case studies that apply this knowledge to create two practical Oracle applications
Oracle Essentials John Wiley & Sons
Learn the basics of Oracle database objects for versions 7.x through the new Oracle8; explore the structure of client/server computing and the new Network Computing Architecture implemented by Oracle; build Oracle database objects in a relational model; develop an intuitive user interface with Developer/2000 and Oracle Forms or Oracle Power Objects; master PL/SQL for improving performance and error handling; create easy-to-read visual output with Oracle Reports and Oracle Graphics; enhance user interactivity using triggers; leverage the NCA and Oracle Cartridges for cross-platform Web applications; and connect your database to the Web with Oracle Web Application Server 3.0, Developer/2000 for the Web, and Java.
Fundamentals of Object Databases Apress
InfoWorld is targeted to Senior IT professionals. Content is segmented into Channels and Topic Centers. InfoWorld also celebrates people, companies, and projects.
Teach Yourself Oracle 8 Database Development in 21 Days Apress
Oracle 10g Developing Media Rich Applications is focused squarely on database administrators and programmers as the foundation of multimedia database applications. With the release of Oracle8 Database in 1997, Oracle became the first commercial database with integrated multimedia technology for application developers. Since that time, Oracle has enhanced and extended these features to include native support for image, audio, video and streaming media storage; indexing, retrieval and processing in the Oracle Database, Application Server; and development tools. Databases are not only words and numbers for accountants, but they also should utilize a full range of media to satisfy customer needs, from race car engineers, to manufacturing processes to security. The full range of audio, video and integration of media into databases is mission critical to these applications. This book details the most recent features in Oracle's multimedia technology including those of the Oracle10gR2 Database and the Oracle9i Application Server. The technology covered includes: object relational media storage and services within the database, middle tier application development interfaces, wireless delivery mechanisms, and Java-based tools. * Gives broad coverage to integration of multimedia features such as audio and instrumentation video, from race cars to analyze performance, to voice and picture recognition for security data bases. As well as full multimedia for presentations * Includes field tested examples in enterprise environments * Provides coverage in a thorough and clear fashion developed in a London University Professional Course
InfoWorld Sams Publishing
Design and Develop Databases using Oracle SQL Developer and its feature-rich, powerful user-extensible interface with this book and eBook.
Oracle Performance Tuning for 10gR2 Packt Publishing Ltd
A hands-on book for Java developers who want to learn how use Oracle and integrate it with their Java applications. It assumes an intermediate knowledge of Java and no knowledge of Oracle. .3
Oracle High Performance Tuning for 9i and 10g Prentice Hall
This book guides the reader in developing end-user systems using this popular relational database. It covers database analysis and design, SQL foundation, development tools, and database administration. Includes numerous designs and illustrations.

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