

Reading free Oracle database 11g advanced pl sql student (Read Only)

Oracle Database 11g R2 Advanced Oracle PL/SQL Developer's Guide - Second Edition Oracle Database 11g R2 Oracle Advanced PL/SQL Developer Professional Guide Oracle Database 11g R2 Oracle Advanced PL/SQL Developer Professional Guide Study Guide for 1Z0-146 Oracle Database 11g R2 Oracle Database 12c PL/SQL Advanced Programming Techniques Oracle Database 11g R2 Pro ODP.NET for Oracle Database 11g Oracle Database 11g R2 Oracle Database 11g SQL ORACLE 11G SQL/PLSQL PROGRAMMING: THE COMPLETE REFERENCE Oracle Database 11g R2 Oracle Database 11g R2 PL/SQL Fundamentals II - Develop Program Units Oracle Database 11g The Complete Reference Oracle Database 11g R2 Oracle Database 11g R2 Oracle Database 11g : Hands-On Sql & Pl/sql Pro Oracle Database 11g Administration Oracle Database 11g New Features Oracle Database 11g R2 Oracle Database 11g PL/SQL Programming Workbook Oracle Essentials Oracle SQL Tuning with Oracle SQLTXPLAIN Oracle Database 11g R2 Oracle Database 11g PL/SQL Programming Oracle PL/SQL Programming Oracle 11g Streams Implementer's Guide Oracle Database 11g R2 SQL Fundamentals I Oracle PL/SQL Programming Oracle PL/SQL by Example Expert Indexing in Oracle Database 11g Oracle Database 11g DBA Handbook Oracle Database 11g Performance Tuning Recipes OCA Oracle Database 11g SQL Fundamentals I Exam Guide RMAN Recipes for Oracle Database 11g Oracle BPM Suite 11g Oracle Database 12c Performance Tuning Recipes

Oracle Database 11g R2 2011

the purpose of this oracle 11g course is to present some of the most advanced features available to database developers many of these features are either newly available with the oracle 11g r1 or r2 release or have been substantially improved in these new versions such advanced features include online application redefinition using editions employing the full range of index types to achieve maximum performance and advanced sql query techniques among the specific subjects presented in this course are perform online redefinition of database resident applications using edition based redefinition permit immediate application upgrade of live applications and online users by means of cross edition triggers creating and using directory objects within the database a comprehensive look at all index types available when building an application schema including b tree internals function based compressed reverse key invisible linguistic bitmap and bitmap join indexes a comprehensive look at all table types available when building an application schema including heap organized tables index clusters hash clusters index organized tables external tables temporary tables read only and compressed tables advanced sql hierarchal data processing capabilities available from the connect by prior and related language structures enhanced sql and transactional capabilities including asynchronous commits dml error trapping and use of regular expressions how to use the result cache to achieve dramatic performance improvement for frequently executed sql queries and pl sql functions enhancements to the pl sql programming language and coding capabilities new and advanced sql language application development capabilities

Advanced Oracle PL/SQL Developer's Guide - Second Edition 2016-02-15

the ocp certification is the second milestone for the experienced associate level oracle professionals which enhances one s credibility in work environment and catalyzes your employment opportunities the packt s book oracle advanced pl sql developer professional guide helps you to master the advanced pl sql concepts in oracle 11g the book aims to be a sure selection for the experienced oracle professionals aspiring for professional level by writing oracle certification exam 1z0 146 oracle database 11g advanced pl sql the topics covered in the book are in line with the oracle university prescription for 1z0 146 certification which justify the version updates to be advanced and not complex the book has been reviewed by oracle aces kamran agayev ronald rood mohan dutta and marcel hoefts the book covers the advanced features of pl sql which are required to design and optimize the pl sql code in database applications the features like collections external procedures server side result caching enforce row level security using vpd handling large objects and securefiles build up a concrete platform for a pl sql professional apart from the programming the book makes instrumental recommendations on the usage of development tool sql developer employing best practices in database environments and safeguarding the vulnerable areas in pl sql code to avoid code injection

Oracle Database 11g R2 2011

the pl sql programming language is at the core of most oracle database applications this training course will give attention to three fundamental pillars of effective implementation of pl sql applications first we will explore the advanced features of the language which allow powerful and adaptable database applications to be built next we will discuss performance tuning techniques which allows these applications to run efficiently finally we will consider critical security measures which should be implemented to counter hacker attacks and other security threats among the specific topics contained within these training materials are invoking external procedures and integrating these into pl sql applications these include external java classes using the jdbc interface and external c programs contained within dll libraries using dynamic sql to extend the functionality and flexibility of database programs including the dbms sql system supplied package for maximum flexibility identifying sql injection attack vulnerabilities within an application and applying countermeasures to address security risks and protect against hacking incorporating collections and other advanced types into application logic to increase efficiency and execution speed working with lobes including piece wise data manipulation and dynamic modification of securefile storage options expanding functionality with system supplied database utility packages tuning with the dbms profiler system supplied package and debugging with the dbms trace system supplied package writing efficient pl sql code and avoiding common coding mistakes enabling native compilation and execution of all database resident program units controlling and managing pl sql compilation for high efficiency execution analyze pl sql code structure by means of the pl scope facility analyze pl sql application performance and tune bottlenecks using the pl sql

hierarchical profiler implementing fine grained security mechanisms as part of an advanced security model using application contexts and the oracle virtual private database vpd dynamic partitioning and dml parallelization using the system supplied package dbms parallel execute using the wrap utility to hide the source code of database resident programs even from the owner or authorized users of the programs

Oracle Advanced PL/SQL Developer Professional Guide 2012-01-01

this book is packed with real world examples that cover all the advanced features of pl sql in turn each major certification topic is covered in a separate chapter that makes understanding concepts easier at the end of each chapter you will find plenty of practice questions to strengthen and test your learning if you are a pl sql developer looking for deeper insight and a move from mid level programmer to professional database developer then this is the best guide for you this book is also an ideal guide for all the associate level pl sql programmers who are preparing for the professional 1z0 146 certification this book assumes you have prior knowledge of pl sql programming

Oracle Database 11g R2 2011

annotation the purpose of this course is to present some of the most advanced features available to database developers many of these features are either newly available with the oracle 11g r1 or r2 release or have been substantially improved in these new versions such advanced features include online application redefinition using editions employing the full range of index types to achieve maximum performance and advanced sql query techniques this course considers topics which apply to exam 1z0 047 and certification as a sql certified expert it also includes topics useful for the advanced plus certification as an oracle database 11g certified master ocm this course considers topics which apply to exam 1z0 047 and certification as a sql certified expert it also includes topics useful for the advanced plus certification as an oracle database 11g certified master ocm

Oracle Advanced PL/SQL Developer Professional Guide 2015-05-18

the ocp certification is the second milestone for the experienced associate level oracle professionals which enhances one s credibility in work environment and catalyzes your employment opportunities the packt s book oracle advanced pl sql developer professional guide helps you to master the advanced pl sql concepts in oracle 11g the book aims to be a sure selection for the experienced oracle professionals aspiring for professional level by writing oracle certification exam 1z0 146 oracle database 11g advanced pl sql the topics covered in the book are in line with the oracle university prescription for 1z0 146 certification which justify the version updates to be advanced and not complex the book has been reviewed by oracle aces kamran agayev ronald rood mohan dutta and marcel hoefs the book covers the advanced features of pl sql which are required to design and optimize the pl sql code in database applications the features like collections external procedures server side result caching enforce row level security using vpd handling large objects and securefiles build up a concrete platform for a pl sql professional apart from the programming the book makes instrumental recommendations on the usage of development tool sql developer employing best practices in database environments and safeguarding the vulnerable areas in pl sql code to avoid code injection

Study Guide for 1Z0-146 2013-02-21

this study guide is targeted at it professionals who are working towards becoming an oracle certified professional in the pl sql developer track the book provides information covering all of the exam topics for the oracle certification exam 1z0 146 oracle database 11g advanced pl sql the books in the oracle certification prep series are built in lockstep with the test topics provided by oracle education s certification program each book is intended to provide the information that will be tested in a clean and concise format the guides introduce the subject you ll be tested on follow that with the information you ll need to know for it and then move on to the next topic they contain no drills or unrealistic self tests to bump the page count without adding value the series is

intended to provide a concentrated source of exam information that is compact enough to be read through multiple times this series is ideal for experienced oracle professionals that are familiar with the topic being tested but want a means to rapidly reinforce their existing skills and bridge any gaps in their knowledge it is also an excellent option as a second source of information for candidates pursuing certification

Oracle Database 11g R2 2011

the primary objective of this oracle 11g course is to consider advanced subjects and techniques pertaining to the sql database language based upon the latest features available with the oracle release even professionals experienced in other implementations of the industry standard sql language will benefit from the advanced and oracle specific features of sql discussed in this course this enhanced and expanded revision includes many new and expanded conceptual subjects including learn to use the sql99 join syntax and learn about the full range of join operations available such as natural join inner join cross join outer joins and others perform advanced sql queries using techniques such as case structures rollup and cube operations moving beyond basic table definitions learn to define the full range of database objects such as advanced table definitions and the creation of indexes sequences views and others use the powerful set of built in sql functions these functions provide sophisticated manipulation of character numeric and date data elements taking advantage of the latest features found within the oracle release such as the handling and tolerating dml errors without application interruption newly added functions and other topics obtain database object metadata from the data dictionary understand basic database security and object privileges protect database integrity and extend the conceptual data model using declarative constraints using sql developer and other available sql interfaces develop complex sql plus reports and reusable sql plus scripts as well as control the sql plus environment

Oracle Database 12c PL/SQL Advanced Programming Techniques 2014-11-14

take your pl sql programming skills to the next level build robust database centric pl sql applications quickly and effectively oracle database 12c pl sql advanced programming techniques shows you how to write and deploy java libraries inside oracle database 12c use the utl file and dbms scheduler packages and create external tables and external procedures application security performance tuning and oracle database in memory are also covered in this oracle press guide configure deploy and troubleshoot java libraries for oracle object types use the utl file package to manage unstructured and structured data develop and deploy java i o libraries and wrap them with pl sql create and use external tables implement high speed data transfer harden database systems and develop secure applications manage complex schedules and jobs with the dbms scheduler package optimize pl sql for use in performance tuning create and deploy external procedures implement the oracle database in memory column store feature

Oracle Database 11g R2 2011

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

Pro ODP.NET for Oracle Database 11g 2010-04-28

threats to data security abound and are increasing in sophistication and frequency organizations have both an ethical and oftentimes a legal responsibility to understand the countermeasures available to compare these against those threats to which they are exposed and to properly apply such countermeasures this oracle 11g training course module considers how encryption technology should and should not be employed within an oracle database environment in response to known threats and risks it will also discuss other best security practices which pertain to application security host system configuration and the database installation within this training course guidebook we will discuss these topics consider examples of common security threats and sensitive data which might exist within an organization review the essentials of a sound and secure database installation consider known database security weaknesses and how these may be addressed consider examples of specific attacks which could be launched against individual components within a data center or within the public networks review the theory and concepts which underlie symmetric and asymmetric encryption consider the primary elements involved in asymmetric encryption including private and public keys the public key infrastructure certificates certificate authorities and wallets discuss how symmetric or asymmetric encryption is applied to network traffic database storage and external files consider the limits of encryption strategies and when encryption could be misapplied and counterproductive discuss the challenges and options available for encryption key storage apply transparent data encryption tde to tablespace column export file rman backup set file and securefile lob encryption use the oracle data pump access driver to encrypt external tables configure oracle net services to repel database attacks and implement advanced security using encrypted network communication implement an application based encryption solution using the dbms crypto package review the types of attacks which can be launched using sql injection and which countermeasures should be applied to repel these implement enhanced application security using the virtual private database vpd facility

Oracle Database 11g R2 2011

publisher's note products purchased from third party sellers are not guaranteed by the publisher for quality authenticity or access to any online entitlements included with the product write powerful sql statements and pl sql programs learn to access oracle databases through sql statements and construct pl sql programs with guidance from oracle expert jason price published by oracle press oracle database 11g sql explains how to retrieve and modify database information use sql plus and sql developer work with database objects write pl sql programs and much more inside you'll find in depth coverage of the very latest sql features and tools performance optimization techniques advanced queries java support and xml this book contains everything you need to master sql explore sql plus and sql developer use sql select insert update and delete statements write pl sql programs create tables sequences indexes views and triggers write advanced queries containing complex analytical functions create database objects and collections to handle abstract data use large objects to handle multimedia files containing music and movies write java programs to access an oracle database using jdbc tune your sql statements to make them execute faster explore the xml capabilities of the oracle database master the very latest oracle database 11g features such as pivot and unpivot flashback archives and much more

Oracle Database 11g SQL 2007-11-26

this book covers all basic and advanced features in oracle 11g such as concepts of database features of sql joins subqueries built-in functions constraints data dictionary rollback segment flashback mechanism views type synonym sequence security subprograms cursor dynamic cursor package trigger exception handling and many more

ORACLE 11G SQL/PLSQL PROGRAMMING: THE COMPLETE REFERENCE 2011

the objective of this oracle 11g course is to equip students to develop database server-side pl sql program units within an oracle database major subject areas to be explored and secondary objectives are understanding application partitioning within a multi-tiered web-based systems architecture understanding the basic form and structure of program units stored within the database building

and maintaining database resident program units encapsulating program units within packages taking advantage of advanced programming techniques such as cursor variables and cursor expressions for efficient database processing logic handling intricate theoretical challenges such as mutating tables building and maintaining dml event and system event database triggers including advanced techniques using both simple triggers and compound triggers discuss the storage and execution model for database programs and how one can write efficient programs to maximize performance using system supplied packages to extend the power of your sql statements and pl sql applications

Oracle Database 11g R2 2011

the definitive guide to oracle database 11g get full details on the powerful features of oracle database 11g from this thoroughly updated oracle press guide oracle database 11g the complete reference explains how to use all the new features and tools execute powerful sql queries construct pl sql and sql plus statements and work with large objects and object relational databases learn how to implement the latest security measures tune database performance and deploy grid computing techniques an invaluable cross referenced appendix containing oracle commands keywords features and functions is also included install oracle database 11g or upgrade from an earlier version create database tables sequences indexes views and user accounts construct sql statements procedures queries and subqueries optimize security using virtual private databases and transparent data encryption import and export data using sql loader and oracle data pump use sql replay change management and result caching avoid human errors using flashback and automatic undo management build and tune pl sql triggers functions and packages develop database applications using java jdbc and xml optimize availability and scalability with oracle real application clusters

Oracle Database 11g R2 PL/SQL Fundamentals II - Develop Program Units 2008-10-15

threats to data security abound and are increasing in sophistication and frequency organizations have both an ethical and oftentimes a legal responsibility to understand the countermeasures available to compare these against those threats to which they are exposed and to properly apply such countermeasures this oracle 11g training course module considers how encryption technology should and should not be employed within an oracle database environment in response to known threats and risks it will also discuss other best security practices which pertain to application security host system configuration and the database installation within this training course guidebook we will discuss these topics consider examples of common security threats and sensitive data which might exist within an organization review the essentials of a sound and secure database installation consider known database security weaknesses and how these may be addressed consider examples of specific attacks which could be launched against individual components within a data center or within the public networks review the theory and concepts which underlie symmetric and asymmetric encryption consider the primary elements involved in asymmetric encryption including private and public keys the public key infrastructure certificates certificate authorities and wallets discuss how symmetric or asymmetric encryption is applied to network traffic database storage and external files consider the limits of encryption strategies and when encryption could be misapplied and counterproductive discuss the challenges and options available for encryption key storage apply transparent data encryption tde to tablespace column export file rman backup set file and securefile lob encryption use the oracle data pump access driver to encrypt external tables configure oracle net services to repel database attacks and implement advanced security using encrypted network communication implement an application based encryption solution using the dbms crypto package review the types of attacks which can be launched using sql injection and which countermeasures should be applied to repel these implement enhanced application security using the virtual private database vpd facility

Oracle Database 11g The Complete Reference 2014-05-14

the primary objective of this oracle 11g training course is to provide an introduction to the pl sql database programming language based upon the latest features available with the oracle database syntax structure and features of the language are discussed in the context of database applications and programming major subject areas to be explored within this course book are understand the environment and context in which pl sql operates consider the advantages and benefits of pl sql within a database environment declaring program variables and complex data types developing logic within pl sql program blocks fetching data from the database into program variables returning program output to users handling program exceptions using explicit and implicit database

cursors using the advanced features of nested blocks and subprograms how to take advantage of advanced features such as regular expression support and the handling of string literals within program code

Oracle Database 11g R2 2011

the book teaches the basics of the oracle database from a beginner's perspective to the advanced concepts using a hands-on approach each and every concept has been elaborated with suitable practical examples along with code for clear and precise understanding of the topic using a practical approach the book explains how to retrieve add update and delete data in the oracle database using sql sql plus and pl sql in the process it discusses the various data types and built-in functions of oracle as well as the sorting of records and the table operations the text also includes coverage of advanced queries using special operators oracle security indexing and stored functions and procedures the book is suitable for undergraduate engineering students of computer science and information technology b sc computer science it m sc computer science it and students of computer applications bca mca pgdca and dca besides the book can be used as a reference by professionals pursuing short-term courses on oracle database and students of oracle certified courses

Oracle Database 11g R2 2011-09-15

pro oracle database 11g administration is a book focused on results author darl kuhn draws from a well of experience over a decade deep to lay out real-world techniques that lead to success as an oracle database administrator he gives clear explanations on how to perform critical tasks he weaves in theory where necessary without bogging you down in unneeded detail he is not afraid to take a stand on how things should be done he won't leave you adrift in a sea of choices showing you three ways to do something and then walking away database administration isn't about passing a certified exam or about pointing and clicking your way through a crisis database administration is about applying the right solution at the right time about avoiding risk about making robust choices that get you home each night in time for dinner with your family if you have buck stops here responsibility for an oracle database then pro oracle database 11g administration is the book you need to help elevate yourself to the level of professional oracle database administrator condenses and organizes the core job of a database administrator into one volume takes a results-oriented approach to getting things done lays a foundation upon which to build a senior level of expertise

Oracle Database 11g : Hands-On Sql & Pl/sql 2007-11-26

foreword by tom kyte your must have guide to everything new in oracle database 11g realize the full potential of oracle database 11g with help from the experts written by robert g freeman and with insightful commentary throughout from arup nanda this oracle press guide offers full details on the architectural changes database administration upgrades availability and recovery revisions security enhancements and programming innovations every new and updated feature is covered and presented with screenshots code samples tables and charts find out how to take full advantage of all the new and improved capabilities of oracle database 11g including new oracle automatic storage management features such as fast disk resync compatibility attributes preferred mirror read and rolling upgrade components improved automated memory management capabilities new database design features such as virtual columns tablespace encryption and true table level data compression new database advisors for data recovery and repair partitioning and streams performance new tuning features such as automatic sql tuning and sql performance analyzer enhancements to oracle rman including active database duplication and undo backup optimization improved auditing and security capabilities advanced bi data warehousing and partitioning features new sql and pl sql enhancements

Pro Oracle Database 11g Administration *2005**

ramp up your pl sql programming skills master pl sql through the hands on exercises extensive examples and real world projects inside this oracle press guide filled with best practices oracle database 11g pl sql programming workbook covers all the latest features and enhancements of the language mastery checks at the end of each chapter reinforce the material covered and sample code from the book is available for download even experienced oracle professionals will benefit from this practical resource understand the oracle development architecture and the mechanics of connections work with data types structures blocks cursors and pl sql semantics write deploy and use functions procedures and packages manage transactions and more use dynamic sql statements in real world applications support online transaction processing and data warehousing applications with external tables find syntax samples and best practices to solve problems write deploy and use object types for a complete list of oracle press titles visit oraclepressbooks.com

Oracle Database 11g New Features *2010-02-10*

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 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

Oracle Database 11g R2 *2007-11-01*

oracle sql tuning with sqldr explain is a practical guide to sql tuning the way oracle s own experts do it using a freely downloadable tool called sqldr explain using this simple tool you ll learn how to tune even the most complex sql and you ll learn to do it quickly without the huge learning curve usually associated with tuning as a whole firmly based in real world problems this book helps you reclaim system resources and avoid the most common bottleneck in overall performance badly tuned sql you ll learn how the optimizer works how to take advantage of its latest features and when it s better to turn them off quickly tune any sql statement no matter how complex build and tune test cases without affecting production use the latest tuning features with confidence

Oracle Database 11g PL/SQL Programming Workbook *2013-04-13*

the primary objective of this oracle 11g training course is to provide an introduction to the pl sql database programming language based upon the latest features available with the oracle database

syntax structure and features of the language are discussed in the context of database applications and programming major subject areas to be explored within this course book are understand the environment and context in which pl sql operates consider the advantages and benefits of pl sql within a database environment declaring program variables and complex data types developing logic within pl sql program blocks fetching data from the database into program variables returning program output to users handling program exceptions using explicit and implicit database cursors using the advanced features of nested blocks and subprograms how to take advantage of advanced features such as regular expression support and the handling of string literals within program code

Oracle Essentials *2011*

design feature rich pl sql applications deliver dynamic client server pl sql applications with expert guidance from an oracle programming professional with full coverage of the latest features and tools oracle database 11g pl sql programming lays out each topic alongside detailed explanations cut and paste syntax examples and real world case studies access and modify database information construct powerful pl sql statements execute effective queries and deploy bulletproof security you ll also learn how to implement c c and java procedures enable your database cut development time and optimize performance create debug and manage oracle driven pl sql programs use pl sql structures delimiters operators variables and statements identify and eliminate errors using plsql warnings and exception handlers work with functions procedures packages collections and triggers define and deploy varray nested table and associative array data types handle external routines object types large objects and secure files communicate between parallel sessions using dbms alert and dbms pipe call external procedures through oracle net services and pl sql wrappers integrate internal and server side java class libraries using oracle jvm develop robust applications using pl sql gateway and toolkit

Oracle SQL Tuning with Oracle SQLTXPLAIN *2008-04-19*

considered the best oracle pl sql programming guide by the oracle community this definitive guide is precisely what you need to make the most of oracle s powerful procedural language the sixth edition describes the features and capabilities of pl sql up through oracle database 12c release 1 hundreds of thousands of pl sql developers have benefited from this book over the last twenty years this edition continues that tradition with extensive code examples and a lively sense of humor this book explains language fundamentals explores advanced coding techniques and offers best practices to help you solve real world problems get pl sql programs up and running quickly with clear instructions for executing tracing testing debugging and managing code understand new 12 1 features including the accessible by clause with function and udf pragma bequeath current user for views and new conditional compilation directives take advantage of extensive code samples from easy to follow examples to reusable packaged utilities optimize pl sql performance with features like the function result cache and oracle utilities such as pl scope and the pl sql hierarchical profiler build modular easy to maintain pl sql applications using packages procedures functions and triggers

Oracle Database 11g R2 *2014-01-23*

annotation from smaller businesses through to huge enterprises users all over the world often require access to data 24 hours a day distributed database systems proliferate the world of data sharing providing an ability to access real time data anywhere anytime oracle streams a built in feature of the oracle database is a data replication and integration feature critical to the success and wellbeing of enterprises in today s fast moving economy this book provides the reader with solid techniques to master oracle streams technology and successfully deploy distributed database systems this book quickly goes over the basics and gets you up and running with a simple oracle 11g streams environment it will serve as an excellent companion to the oracle streams administration guide it is intended for oracle database architects and administrators and provides in depth discussion on must know information for the design implementation and maintenance of an oracle streams environment the book does not attempt to regurgitate all the information in the oracle streams administration guides but rather provides additional clarification and explanation of design implementation and troubleshooting concepts that are often elusive in streams documentation it also identifies helpful tools and oracle resources to add to your knowledge base as well as tried and tested tricks and tips to help you tame oracle streams the book starts by introducing and explaining the components of oracle streams and how they work together it then moves on

logically helping you to determine your distributed environment requirements and design your streams implementation to meet those requirements once these concepts are discussed the book moves to configuration and basic implementation examples to help solidify those concepts it then addresses advanced features such as tags down stream capture and conflict resolution you then move on to maintenance techniques such as documenting the environment effectively planning and implementing changes to the environment and monitoring and troubleshooting the environment when you have studied the techniques and completed the hands on examples you will have an understanding of oracle streams core concepts and functionally that will allow you to successfully design implement and maintain an oracle streamed environment

Oracle Database 11g PL/SQL Programming *2010-01-19*

the sql database language is the foundation of all relational database activities this training oracle 11g course is intended to provide an introduction to sql within the context of an oracle database since the language is an industry standard much of the course contents are also applicable to other databases such as ms sql server ibm db2 mysql postgresql and others this guide takes a unique approach to learning the language in that it combines the data modeling theory graphical illustrations of the logical concepts and many examples of actual syntax to help one truly grasp the power of the sql language among the specific topics we will explore are a summation of relational database principles and an introduction to the oracle relational database server using sql developer and other available sql interfaces to the database writing simple sql queries which isolate exactly the data desired and then format and sort the query results as needed writing moderately complex sql queries using various join techniques supplement sql code with references to pseudo columns and built in system functions summarizing grouping and combining data to obtain more meaningful query results and to allow one to draw conclusions and make business decisions based upon the data processed advanced query techniques such as set operations sub queries and summary functions allowing one to solve some of the more complex theoretical query challenges creating and maintaining database tables using the sql data definition language ddl managing data within tables using the sql data manipulation language dml taking advantage of the latest features found within the database such as the use of regular expressions support for international data time zones and other topics

Oracle PL/SQL Programming *2011-05-01*

this book is the definitive reference on pl sql considered throughout the database community to be the best oracle programming book available like its predecessors this fifth edition of oracle pl sql programming covers language fundamentals advanced coding techniques and best practices for using oracle s powerful procedural language thoroughly updated for oracle database 11g release 2 this edition reveals new pl sql features and provides extensive code samples ranging from simple examples to complex and complete applications in the book and on the companion website this indispensable reference for both novices and experienced oracle programmers will help you get pl sql programs up and running quickly with clear instructions for executing tracing testing debugging and managing pl sql code optimize pl sql performance with the aid of a brand new chapter in the fifth edition explore datatypes conditional and sequential control statements loops exception handling security features globalization and localization issues and the pl sql architecture understand and use new oracle database 11g features including the edition based redefinition capability the function result cache the new continue statement fine grained dependency tracking sequences in pl sql expressions supertype invocation from subtypes and enhancements to native compilation triggers and dynamic sql use new oracle database 11g tools and techniques such as pl scope the pl sql hierarchical profiler and the securefiles technology for large objects build modular pl sql applications using procedures functions triggers and packages

Oracle 11g Streams Implementer's Guide *2009-09-17*

this integrated learning solution teaches all the oracle pl sql skills you need hands on through real world labs extensive examples exercises and projects completely updated for oracle 11g oracle pl sql by example fourth edition covers all the fundamentals from pl sql syntax and program control through packages and oracle 11g s significantly improved triggers one step at a time you ll walk through every key task discovering the most important pl sql programming techniques on your own building on your hands on learning the authors share solutions that offer deeper insights and

proven best practices end of chapter projects bring together all the techniques you've learned strengthening your understanding through real world practice this book's approach fully reflects the authors award winning experience teaching pl/sql programming to professionals at columbia university new database developers and dbas can use its step by step instructions to get productive fast experienced pl/sql programmers can use this book as a practical solutions reference coverage includes mastering basic pl/sql concepts and general programming language fundamentals and understanding sql's role in pl/sql using conditional and iterative program control techniques including the new continue and continue when statements efficiently handling errors and exceptions working with cursors and triggers including oracle 11g's powerful new compound triggers using stored procedures functions and packages to write modular code that other programs can execute working with collections object relational features native dynamic sql bulk sql and other advanced pl/sql capabilities handy reference appendices pl/sql formatting guide sample database schema ansi sql standards reference and more

Oracle Database 11g R2 SQL Fundamentals I 2008-08-15

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 PL/SQL Programming 2012-03-23

the essential resource for oracle dbas fully updated and expanded manage a flexible highly available oracle database with help from the expert information contained in this exclusive oracle press guide fully revised to cover every new feature and utility oracle database 11g dba handbook shows how to perform a new installation upgrade from previous versions configure hardware and software for maximum efficiency and employ bulletproof security you will learn to automate the backup and recovery process provide transparent failover capability audit and tune performance and distribute your enterprise databases with oracle net plan and deploy permanent temporary and bigfile tablespaces optimize disk allocation cpu usage i/o throughput and sql queries develop powerful database management applications guard against human errors using oracle flashback and oracle automatic undo management diagnose and tune system performance using oracle automatic workload repository and sql tuning sets implement robust security using authentication authorization fine grained auditing and fine grained access control maintain high availability using oracle real application clusters and oracle active data guard respond more efficiently to failure scenarios by leveraging the oracle automatic diagnostic repository and the oracle repair advisor back up and restore tables tablespaces and databases with oracle recovery manager and oracle data pump export and import work with networked databases data warehouses and vldbs put the latest oracle database 11g tools to work oracle total recall oracle flashback data archive and more

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