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Advanced Oracle PL/SQL Developer's Guide

Packt Publishing Ltd Master the advanced concepts of PL/SQL for professional-level certification and learn the new capabilities of Oracle Database 12c About This Book Learn advanced application development features of Oracle Database 12c and prepare for the 1Z0-146 examination Build robust and secure applications in Oracle PL/SQL using the best practices Packed with feature demonstrations and illustrations that will help you learn and understand the enhanced capabilities of Oracle Database 12c Who This Book Is For This book is for Oracle developers responsible for database management. Readers are expected to have basic knowledge of Oracle Database and the fundamentals of PL/SQL programming. Certification aspirants can use this book to prepare for 1Z0-146 examination in order to be an Oracle Certified Professional in Advanced PL/SQL. What You Will Learn Learn and understand the key SQL and PL/SQL features of Oracle Database 12c Understand the new Multitenant architecture and Database In-Memory option of Oracle Database 12c Know more about the advanced concepts of the Oracle PL/SQL language such as external procedures, securing data using Virtual Private Database (VPD), SecureFiles, and PL/SQL code tracing and profiling Implement Virtual Private Databases to prevent unauthorized data access Trace, analyze, profile, and debug PL/SQL code while developing database applications Integrate the new application development features of Oracle Database 12c with the current concepts Discover techniques to analyze and maintain PL/SQL code Get acquainted with the best practices of writing PL/SQL code and develop secure applications In Detail Oracle Database is one of the most popular databases and allows users to make efficient use of their resources and to enhance service levels while reducing the IT costs incurred. Oracle Database is sometimes compared with Microsoft SQL Server, however, Oracle Database clearly supersedes SQL server in terms of high availability and addressing planned and unplanned downtime. Oracle PL/SQL provides a rich platform for application developers to code and build scalable database applications and introduces multiple new features and enhancements to improve development experience. Advanced Oracle PL/SQL Developer's Guide, Second Edition is a handy technical reference for seasoned professionals in the database development space. This book starts with a refresher of fundamental concepts of PL/SQL, such as anonymous block, subprograms, and exceptions, and prepares you for the upcoming advanced concepts. The next chapter introduces you to the new features of Oracle Database 12c, not limited to PL/SQL. In this chapter, you will understand some of the most talked about features such as Multitenant and Database In-Memory. Moving forward, each chapter introduces advanced concepts with the help of demonstrations, and provides you with the latest update from Oracle Database 12c context. This helps you to visualize the pre- and post-applications of a feature over the database releases. By the end of this book, you will have become an expert in PL/SQL programming and will be able to implement advanced concepts of PL/SQL for efficient management of Oracle Database. Style and approach The book follows the structure of the Oracle Certification examination but doesn't restrict itself to the exam objectives. Advanced concepts have been explained in an easy-to-understand style, supported with feature demonstrations and case illustrations.

Oracle PL/SQL Programming

"O'Reilly Media, Inc." The authors have revised and updated this bestseller to include both the Oracle8i and new Oracle9i Internet-savvy database products.

ODP.NET Developer's Guide

Oracle Database 10g Development with Visual Studio 2005 and the Oracle Data Provider for .NET

JDBC 4.0 and Oracle JDeveloper for J2EE Development

Packt Publishing Ltd [A J2EE developer's guide to using Oracle JDeveloper's integrated database features to build data-driven applications with this book and eBook](#)

Oracle ADF Real World Developer's Guide

Packt Publishing Ltd [Become an ADF expert with essential tips n' tricks and case studies for leveraging your ADF applications.](#)

Oracle PL/SQL Best Practices

Optimizing Oracle Code

"O'Reilly Media, Inc." [In this book, Steven Feuerstein, widely recognized as one of the world's experts on the Oracle PL/SQL language, distills his many years of programming, writing, and teaching about PL/SQL into a set of PL/SQL language "best practices"--rules for writing code that is readable, maintainable, and efficient. Too often, developers focus on simply writing programs that run without errors--and ignore the impact of poorly written code upon both system performance and their ability \(and their colleagues' ability\) to maintain that code over time.Oracle PL/SQL Best Practices is a concise, easy-to-use reference to Feuerstein's recommendations for excellent PL/SQL coding. It answers the kinds of questions PL/SQL developers most frequently ask about their code: How should I format my code? What naming conventions, if any, should I use? How can I write my packages so they can be more easily maintained? What is the most efficient way to query information from the database? How can I get all the developers on my team to handle errors the same way? The book contains 120 best practices, divided by topic area. It's full of advice on the program development process, coding style, writing SQL in PL/SQL, data structures, control structures, exception handling, program and package construction, and built-in packages. It also contains a handy, pull-out quick reference card. As a helpful supplement to the text, code examples demonstrating each of the best practices are available on the O'Reilly web site.Oracle PL/SQL Best Practices is intended as a companion to O'Reilly's larger Oracle PL/SQL books. It's a compact, readable reference that you'll turn to again and again--a book that no serious developer can afford to be without.](#)

PeopleSoft Developer's Guide for PeopleTools & PeopleCode

McGraw Hill Professional [Oracle is placing its enterprise application strategy at the center of its future growth Oracle PeopleSoft will be phasing out its current reports product soon, and all reports will need to be rewritten in XML Publisher](#)

Oracle Advanced PL/SQL Developer Professional Guide

Packt Publishing Ltd [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 SQL Developer

Packt Publishing Ltd Learn Database design, development, and administration using the feature-rich SQL Developer 4.1 interface About This Book Explore all the SQL Developer 4.1 features useful for Oracle database developers, architects, and administrators Understand how this free tool from Oracle has evolved over the years and has become a complete tool that makes life easy for Oracle and third-party database users The author, Ajith Narayanan, has a total of 10+ years of work experience as an Oracle [APPS] DBA Who This Book Is For This book is intended for Oracle developers who are responsible for database management. You are expected to have programming knowledge of SQL and PL/SQL, and must be familiar with basic Oracle database concepts. What You Will Learn Install and navigate through all the advanced features of SQL Developer that were introduced in version 4.1 Browse, create, edit, and delete (drop) database objects Use the SQL worksheet to run SQL statements and scripts, edit and debug PL/SQL code, manipulate and export (unload) data Carry out all DBA-related activities such as exporting/importing, tuning, and analyzing database performance issues Quickly analyze, create, and edit the data model using data modeler Extend the SQL developer capabilities by exploring the APEX related pages, enabling and working with RESTful services Use the available reports and create new custom reports with custom scripts Grasp how to connect to third-party databases and work smoothly with them In Detail At times, DBAs support 100s of databases at work. In such scenarios, using a command-line tool like putty adds to the difficulty, while SQL Developer makes the life of a developer, DBA, or DB architect easier by providing a graphical user interface equipped with features that can bolster and enhance the user experience and boost efficiency. Features such as DBA panel, Reports, Data Modeler, and Data Miner are just a few examples of its rich features, and its support for APEX, REST Services, timesten, and third-party database drivers demonstrate its extensibility. You may be a newbie to databases or a seasoned database expert, either way this book will help you understand the database structure and the different types of objects that organize enterprise data in an efficient manner. This book introduces the features of the SQL Developer 4.1 tool in an incremental fashion, starting with installing them, making the database connections, and using the different panels. By sequentially walking through the steps in each chapter, you will quickly master SQL Developer 4.1. Style and approach This book follows a step-by-step approach and is in a conversational and easy-to-follow style. Screenshots, and detailed explanations of the basic and advanced features of SQL Developer 4.1 that will make your work and life easy.

Expert Oracle JDBC Programming

Apress * First book on the market that covers building high-performance Java applications on the Oracle database—using the latest versions of both the Oracle database (10g) and the JDBC API (3.0). * Promotes and explains an "anti black box" approach to Oracle development complete with benchmark code) that will allow developers to write highly efficient, high performance Oracle JDBC applications. * A new book from the prestigious OakTable Press, which Apress will be strongly promoting and supporting throughout 2004.

Database Administration

The Complete Guide to Practices and Procedures

Addison-Wesley Professional A thorough reference on database administration outlines a variety of DBA roles and responsibilities and discusses such topics as data modeling and normalization, database/application design, change management, database security and data integrity, performance issues, disaster planning, and other essentials. Original. (Advanced)

PeopleSoft PeopleTools Tips & Techniques

McGraw Hill Professional Advanced PeopleSoft PeopleTools Development Strategies Maximize the efficiency and productivity of your PeopleSoft applications from Oracle using the proven methods and best practices in this Oracle Press guide. PeopleSoft PeopleTools Tips & Techniques lays out the benefits of each tactic along with implementation considerations, programming instructions, and reusable code samples. Construct powerful iScripts, build custom UIs, work with Java and Ajax, and integrate the latest Web 2.0 features. Test-driven development, application security, performance tuning, and debugging are also covered in this authoritative resource. Develop modular logic using PeopleSoft application classes Incorporate file attachment and approval workflow capabilities Add Web elements with PeopleCode iScripts and bookmarklets Enhance functionality using HTML, JavaScript, CSS, and Ajax Extend PeopleSoft Integration Broker through custom connectors Effectively merge Java with PeopleCode to create elegant solutions Use runtime loggers and tracers to test and tune applications Extend the PeopleSoft Web server with JSP, servlets, and filters Create Web-based mobile applications using Oracle JDeveloper

MySQL and Java Developer's Guide

John Wiley & Sons Shows Java developers everything they need to know to build Java database applications with MySQL. Takes a hands-on, code-intensive approach in which readers will learn how to build a sophisticated Web database management application. Begins with a review of the fundamentals of MySQL. Explains using Java's JDBC with MySQL, as well as servlet and JSP programming with MySQL. Provides a code-rich tutorial on how to build the sample Java database application using EJBs. The companion Web site provides the full code examples plus links to useful sites.

Oracle Core: Essential Internals for DBAs and Developers

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

Oracle SOA Suite 11g R1 Developer's Guide

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

Implementing Database Security and Auditing

Elsevier This book is about database security and auditing. You will learn many methods and techniques that will be helpful in securing, monitoring and auditing database environments. It covers diverse topics that include all aspects of database security and auditing - including network security for databases, authentication and authorization issues, links and replication, database Trojans, etc. You will also learn of vulnerabilities and attacks that exist within various database environments or that have been used to attack databases (and that have since been fixed). These will often be explained to an "internals level. There are many sections which outline the "anatomy of an attack - before delving into the details of how to combat such an attack. Equally important, you will learn about the database auditing landscape - both from a business and regulatory requirements perspective as well as from a technical implementation perspective. * Useful to the database administrator and/or security administrator - regardless of the precise database vendor (or vendors) that you are using within your organization. * Has a large number of examples - examples that pertain to Oracle, SQL Server, DB2, Sybase and even MySQL.. * Many of the techniques you will see in this book will never be described in a manual or a book that is devoted to a certain database product. * Addressing complex issues must take into account more than just the database and focusing on capabilities that are provided only by the database vendor is not always enough. This book offers a broader view of the database environment - which is not dependent on the database platform - a view that is important to ensure good database security.

Advanced Oracle PL/SQL

Programming with Packages

Oreilly & Associates Incorporated Demonstrates how to construct and properly build PL/SQL packages, providing a full-use shareware version of PL/Vision and a library of dozens of packages written by the author on the companion disk. Original. (Advanced).

Oracle WebLogic Server 11g Administration Handbook

McGraw Hill Professional Master the Configuration and Administration of Oracle WebLogic Server 11g Oversee a robust, highly available environment for your mission-critical applications using the expert information in this Oracle Press guide. Oracle WebLogic Server 11g Administration Handbook explains the latest management techniques for the de facto application server for Oracle Fusion Middleware 11g> and provides detailed examples and best practices. Find out how to use the Oracle WebLogic Server Administration Console feature, employ command-line and scripting tools, implement failover and migration capabilities, and generate reliable backups. Troubleshooting, tuning, and security procedures are also covered in this comprehensive resource. Install Oracle WebLogic Server 11g or upgrade from a previous version Configure domains, servers, clusters, custom networks, and virtual hosts Work with the Administration Console and Monitoring Dashboard features of Oracle WebLogic Server Use the WebLogic Scripting Tool (WLST) feature of Oracle WebLogic Server to manage and monitor domains Use the Oracle WebLogic Server Work Managers feature to optimize scheduled work Deploy Web applications, Enterprise JavaBeans, and Java EE modules Improve scalability and reliability using Oracle WebLogic Server clusters Monitor servers, tune the Java Virtual Machine, maximize throughput, and optimize performance Authenticate, authorize, and map users within defined security realms

Getting Started with Oracle WebLogic Server 12c: Developer's Guide

Packt Publishing Ltd Getting Started with Oracle WebLogic Server 12c is a fast-paced and feature-packed book, designed to get you working with Java EE 6, JDK 7 and Oracle WebLogic Server 12c straight away, so start developing your own applications. Getting Started with Oracle WebLogic Server 12c: Developer's Guide is written for developers who are just getting started, or who have some experience, with Java EE who want to learn how to develop for and use Oracle WebLogic Server. Getting Started with Oracle WebLogic Server 12c: Developer's Guide also provides a great overview of the updated features of the 12c release, and how it integrates Java EE 6 and JDK 7 to remove boilerplate code.

Oracle Big Data Handbook

McGraw Hill Professional "Cowritten by members of Oracle's big data team, [this book] provides complete coverage of Oracle's comprehensive, integrated set of products for acquiring, organizing, analyzing, and leveraging unstructured data. The book discusses the strategies and technologies essential for a successful big data implementation, including Apache Hadoop, Oracle Big Data Appliance, Oracle Big Data Connectors, Oracle NoSQL Database, Oracle Endeca, Oracle Advanced Analytics, and Oracle's open source R offerings"--Page 4 of cover.

Oracle Database 10 G Real Application Clusters Handbook

Maximize database availability; scalability; and efficiency using Oracle Real Application Clusters (RAC) and the in-depth information contained in this official Oracle Press guide. --

SQL Server 2016 Developer's Guide

Packt Publishing Get the most out of the rich development capabilities of SQL Server 2016 to build efficient database applications for your organization About This Book- Utilize the new enhancements in Transact-SQL and security features in SQL Server 2016 to build efficient database applications- Work with temporal tables to get information about data stored in the table at any point in time- A detailed guide to SQL Server 2016, introducing you to multiple new features and enhancements to improve your overall development experience Who This Book Is For This book is for database developers and solution architects who plan to use the new SQL Server 2016 features for developing efficient database applications. It is also ideal for experienced SQL Server developers who want to switch to SQL Server 2016 for its rich development capabilities. Some understanding of the basic database concepts and Transact-SQL language is assumed. What You Will Learn- Explore the new development features introduced in SQL Server 2016- Identify opportunities for In-Memory OLTP technology, significantly enhanced in SQL Server 2016- Use columnstore indexes to get significant storage and performance improvements- Extend database design solutions using temporal tables- Exchange JSON data between applications and SQL Server in a more efficient way- Migrate historical data transparently and securely to Microsoft Azure by using Stretch Database- Use the new security features to encrypt or to have more granular control over access to rows in a table- Simplify performance troubleshooting with Query Store- Discover the potential of R's integration with SQL Server In Detail Microsoft SQL Server 2016 is considered the biggest leap in the data platform history of the Microsoft, in the ongoing era of Big Data and data science. Compared to its predecessors, SQL Server 2016 offers developers a unique opportunity to leverage the advanced features and build applications that are robust, scalable, and easy to administer. This book introduces you to new features of SQL Server 2016 which will open a completely new set of possibilities for you as a developer. It prepares you for the more advanced topics

by starting with a quick introduction to SQL Server 2016's new features and a recapitulation of the possibilities you may have already explored with previous versions of SQL Server. The next part introduces you to small delights in the Transact-SQL language and then switches to a completely new technology inside SQL Server - JSON support. We also take a look at the Stretch database, security enhancements, and temporal tables. The last chapters concentrate on implementing advanced topics, including Query Store, columnstore indexes, and In-Memory OLTP. You will finally be introduced to R and how to use the R language with Transact-SQL for data exploration and analysis. By the end of this book, you will have the required information to design efficient, high-performance database applications without any hassle. **Style and approach** This book is a detailed guide to mastering the development features offered by SQL Server 2016, with a unique learn-as-you-do approach. All the concepts are explained in a very easy-to-understand manner and are supplemented with examples to ensure that you-the developer-are able to take that next step in building more powerful, robust applications for your organization with ease.

Mastering Oracle PL/SQL

Practical Solutions

Apress If you have mastered the fundamentals of the PL/SQL language and are now looking for an in-depth, practical guide to solving real problems with PL/SQL stored procedures, then this is the book for you.

Oracle VM Implementation and Administration Guide

McGraw Hill Professional Master the Powerful Virtualization Tools in Oracle VM Set up and maintain a dynamic virtualization platform across your enterprise using the detailed information contained in this Oracle Press guide. Oracle VM Implementation and Administration Guide contains key virtualization concepts, practical instructions, examples, and best practices. Find out how to design Oracle VM server farms, build and deploy virtual machines, handle provisioning and cloning, and work with Oracle VM Manager. Monitoring, tuning, and security techniques are also covered in this comprehensive volume. Install, configure, and manage all Oracle VM components Plan, size, and set up Oracle VM server farms and server pools Control resources from Oracle Enterprise Manager Grid Control, Oracle VM Manager, and Oracle VM Command Line Interface Govern network drives and virtual storage using Oracle VM tools Create virtual machines manually or from Oracle library templates Convert existing virtual machines on other systems to Oracle VM virtual machines Generate virtual machine clones that run on multiple server pools Maintain guest operating systems and software using Oracle Enterprise Manager Grid Control's Oracle VM Management Pack

Oracle Cloud Infrastructure for Solutions Architects

A practical guide to effectively designing enterprise-grade solutions with OCI services

Packt Publishing Ltd Develop enterprise architect skills by building secure, highly available, and cost-effective solutions with Oracle Functions, Terraform, and the Oracle Cloud VMware Solution Key Features Explore Oracle's Gen 2.0 Cloud infrastructure and its high-performance computing capabilities Understand hybrid cloud capabilities and learn to migrate apps from on-premises VMware clusters to OCI Learn to create Kubernetes clusters and run containerized applications on Oracle's Container Engine Book Description Oracle Cloud Infrastructure (OCI) is a set of complementary cloud services that enables you to build and run a wide range of applications and services in a highly available hosted environment. This book is a fast-paced practical guide that will help you develop the capabilities to leverage OCI services and effectively manage your cloud infrastructure. Oracle Cloud Infrastructure for Solutions Architects begins by helping you get to grips with the fundamentals of Oracle Cloud Infrastructure, and moves on to cover the building blocks of the layers of Infrastructure as a Service (IaaS), such as Identity and Access Management (IAM), compute, storage, network, and database. As you advance, you'll delve into the development aspects of OCI, where you'll learn to build cloud-native applications and perform operations on OCI resources as well as use the CLI, API, and SDK. Finally, you'll explore the capabilities of building an Oracle hybrid cloud infrastructure. By the end of this book, you'll have learned how to leverage the OCI and gained a solid understanding of the persona of an architect as well as a developer's perspective. What you will learn Become well-versed with the building blocks of OCI Gen 2.0 Cloud Control access to your cloud resources using IAM components Manage and operate various compute instances Tune and configure various storage options for your apps Develop applications on OCI using OCI Registry (OCIR), Cloud Shell, OCI Container Engine for Kubernetes (OKE), and Service Mesh Discover ways to use object-relational mapping (ORM) to create infrastructure blocks using Terraform code Who this book is for This book is for cloud architects, cloud developers,

and DevSecOps engineers who want to learn how to architect and develop on Oracle Cloud Infrastructure by leveraging a wide range of OCI IAAS capabilities. Working knowledge of Linux, exposure to basic programming, and a basic understanding of networking concepts are needed to get the most out of this book.

Oracle APEX 20 Full Stack Set For Beginners

Oracle APEX 20, SQL and PL/SQL Beginners Guides To Develop Stunning, Low-Code Web Applications Fast

A three-book set for absolute beginners who want to become dynamic web developers This three-book set combines the titles No-Code Oracle APEX For Thirteen To Ninety, SQL and PL/SQL For Everyone, and Oracle APEX 20 For Beginners. Together these three books will provide a solid foundation to anyone who has the desire to develop dynamic data-driven web applications quickly with no/low code features of Oracle APEX. Oracle APEX is a low-code application development framework. Low-code is a software development approach that enables the delivery of applications faster and with minimal hand-coding. Low-code framework helps you create complete applications visually with the help of drag-and-drop interface and wizards. Rather than writing thousands of lines of complex code and syntax, low-code platforms allow you to build complete applications with modern user interfaces, integrations, data and logic quickly and visually. Oracle APEX is one such area. You can use Oracle APEX free of charge - either as part of an existing Oracle Database license or running in the free Oracle Database 18c XE product. Oracle APEX empowers you to build incredible apps and solve real problems. And you won't need to become an expert in a vast array of web technologies, such as HTML, CSS, JavaScript and more. Oracle APEX is capable to do the heavy lifting for you. You just need to focus on the problem to be solved. The book No-Code Oracle APEX For Thirteen To Ninety - Build Your First Web App without Writing a Single Line of Code is for anyone who wants to become a web developer but is scared of writing tons of code and is looking for the easiest track to start with. I compiled this book for everyone (especially teens) to make web application development fun for them rather than a nightmare. The SQL and PL/SQL languages are too voluminous and exposure of every aspect of these huge languages is a very tedious task. Keeping aside the least utilized features, the book SQL and PL/SQL For Everyone is rolled out to focus on the more operational areas of the language. It is meant to help you learn SQL and PL/SQL quickly by yourself. It follows a tutorial approach wherein hundreds of hands-on exercises are provided, augmented with illustrations, to teach you SQL and PL/SQL in a short period of time. Oracle APEX 20 For Beginners is my eleventh book on Oracle Application Express (APEX) written for the latest version. Just like my previous books that exposed the technology to thousands around the globe, this next-level book is also aimed at beginners who wish to learn from self-paced professional guidance and need a solid foundation in Oracle APEX.

MySQL Workbench: Data Modeling & Development

McGraw Hill Professional The only Oracle Press guide to MySQL Workbench explains how to design and model MySQL databases. MySQL Workbench Data Modeling and Development helps developers learn how to effectively use this powerful product for database modeling, reverse engineering, and interaction with the database without writing SQL statements. MySQL Workbench is a graphical user interface that can be used to create and maintain MySQL databases without coding. The book covers the interface and explains how to accomplish each step by illustrating best practices visually. Clear examples, instructions, and explanations reveal, in a single volume, the art of database modeling. This Oracle Press guide shows you how to get the tool to do what you want. Annotated screen shots demonstrate all interactions with the tool, and text explains the how, what, and why of each step. Complete coverage Installation and Configuration; Creating and Managing Connections; Data Modeling Concepts; Creating an ERD; Defining the Physical Schemata; Creating and Managing Tables; Creating and Managing Relationships; Creating and Managing Views; Creating and Managing Routines; Creating and Managing Routine Groups; Creating and Managing User & Groups; Creating and Managing SQL Scripts; Generating SQL Scripts; Forward Engineering a Data Model; Synchronize a Model with a Database; Reverse Engineering a Database; Managing Differences in the Data Catalog; Creating and Managing Model Notes; Editing Table Data; Editing Generated Scripts; Creating New Instances; Managing Import and Export; Managing Security; Managing Server Instances

Oracle Database 12c Release 2 Real Application Clusters Handbook: Concepts,

Administration, Tuning & Troubleshooting

McGraw Hill Professional This comprehensive guide has been fully updated to cover the latest features and tools of Oracle Real Application Clusters 12c Through clear instruction and detailed examples, Oracle Database 12c Real Application Clusters Handbook: Concepts, Administration, Tuning & Troubleshooting teaches how to build, configure, and maintain a dynamic enterprise computing infrastructure. This thoroughly revised edition covers best uses for the latest tools and features—all from the practical standpoint of a working DBA. You will discover how to prepare hardware, configure the software, optimize data integrity, and integrate seamless failover protection. Brand-new flex and large cluster technologies are explained in full detail, and readers will get complete solutions for securing data and continuing business operations in the event of hardware failure. Presents all the new information needed to effectively use Oracle Real Application Clusters 12c -considered the most radical overhaul ever Offers detailed coverage of troubleshooting, performance tuning, and application development

Spring: A Developer's Notebook

"O'Reilly Media, Inc." Since development first began on Spring in 2003, there's been a constant buzz about it in Java development publications and corporate IT departments. The reason is clear: Spring is a lightweight Java framework in a world of complex heavyweight architectures that take forever to implement. Spring is like a breath of fresh air to overworked developers. In Spring, you can make an object secure, remote, or transactional, with a couple of lines of configuration instead of embedded code. The resulting application is simple and clean. In Spring, you can work less and go home early, because you can strip away a whole lot of the redundant code that you tend to see in most J2EE applications. You won't be nearly as burdened with meaningless detail. In Spring, you can change your mind without the consequences bleeding through your entire application. You'll adapt much more quickly than you ever could before. Spring: A Developer's Notebook offers a quick dive into the new Spring framework, designed to let you get hands-on as quickly as you like. If you don't want to bother with a lot of theory, this book is definitely for you. You'll work through one example after another. Along the way, you'll discover the energy and promise of the Spring framework. This practical guide features ten code-intensive labs that'll rapidly get you up to speed. You'll learn how to do the following, and more: install the Spring Framework set up the development environment use Spring with other open source Java tools such as Tomcat, Struts, and Hibernate master AOP and transactions utilize ORM solutions As with all titles in the Developer's Notebook series, this no-nonsense book skips all the boring prose and cuts right to the chase. It's an approach that forces you to get your hands dirty by working through one instructional example after another-examples that speak to you instead of at you.

Expert Oracle Database Architecture

Apress Now in its third edition, this best-selling book continues to bring you some of the best thinking on how to apply Oracle Database to produce scalable applications that perform well and deliver correct results. Tom Kyte and Darl Kuhn share a simple philosophy: "you can treat Oracle as a black box and just stick data into it, or you can understand how it works and exploit it as a powerful computing environment." If you choose the latter, then you'll find that there are few information management problems that you cannot solve quickly and elegantly. This fully revised third edition covers the developments up to Oracle Database 12c. Significant new content is included surrounding Oracle's new cloud feature set, and especially the use of pluggable databases. Each feature is taught in a proof-by-example manner, not only discussing what it is, but also how it works, how to implement software using it, and the common pitfalls associated with it. Don't treat Oracle Database as a black-box. Get this book. Get under the hood. Turbo-charge your career. Revised to cover Oracle Database 12c Proof-by-example approach: Let the evidence be your guide Dives deeply into Oracle Database's most powerful features

ADO and ADO.NET Programming

Sybex ADO, or ActiveX Data Objects, is Microsoft's key technology for data access in client/server and Web applications. This book covers both ADO and ADO.NET in one volume, allowing a programmer to select the appropriate technology for their database application. The material is good for not only VB.NET and C# programmers but also those using VBA, Access, and older versions of the Microsoft programming tools. It includes numerous examples showing various combinations of servers and clients, including SQL Server, Jet, and Oracle on the server side, and VB, Access, ASP.NET, and VB.NET on the client side. The book also covers more advanced topics, such as disconnected recordsets, XML integration, schema modification, and multidimensional aggregation. The companion CD-ROM includes all the sample code and applications from the book, plus a collection of third-party ADO utilities. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

Oracle GoldenGate 11g Handbook

McGraw Hill Professional Master Oracle GoldenGate 11g Enable highly available, real-time access to enterprise data in heterogeneous environments. Featuring hands-on workshops, Oracle GoldenGate 11g Handbook shows you how to install, configure, and implement this high-performance application. You'll learn how to replicate data across Oracle databases and other platforms, including MySQL and Microsoft SQL Server, and perform near-zero-downtime migrations and upgrades. Monitoring, performance tuning, and troubleshooting are also discussed in this Oracle Press guide. Install and configure Oracle GoldenGate Implement Oracle GoldenGate one-way replication Configure multitarget and cascading replication Use bidirectional replication to build a heterogeneous database infrastructure Secure your environment, control and manipulate data, and prevent errors Configure Oracle GoldenGate for Oracle Clusterware and Oracle Real Application Clusters Use Oracle GoldenGate with MySQL and Microsoft SQL Server Perform near-zero-downtime upgrades and migrations Use Oracle GoldenGate Monitor and Oracle GoldenGate Director Ensure data quality with Oracle GoldenGate Veridata Implement nondatabase integration options

IBM Informix Developer's Handbook

IBM Redbooks IBM® Informix® is a low-administration, easy-to-use, and embeddable database that is ideal for application development. It supports a wide range of development platforms, such as Java™, .NET, PHP, and web services, enabling developers to build database applications in the language of their choice. Informix is designed to handle RDBMS data and XML without modification and can be extended easily to handle new data sets. This IBM Redbooks® publication provides fundamentals of Informix application development. It covers the Informix Client installation and configuration for application development environments. It discusses the skills and techniques for building Informix applications with Java, ESQL/C, OLE DB, .NET, PHP, Ruby on Rails, DataBlade®, and Hibernate. The book uses code examples to demonstrate how to develop an Informix application with various drivers, APIs, and interfaces. It also provides application development troubleshooting and considerations for performance. This book is intended for developers who use IBM Informix for application development. Although some of the topics that we discuss are highly technical, the information in the book might also be helpful for managers or database administrators who are looking to better understand their Informix development environment.

Oracle Database 12c The Complete Reference

The Complete Reference

McGraw Hill Professional Master the Cutting-Edge Features of Oracle Database 12c Maintain a scalable, highly available enterprise platform and reduce complexity by leveraging the powerful new tools and cloud enhancements of Oracle Database 12c. This authoritative Oracle Press guide offers complete coverage of installation, configuration, tuning, and administration. Find out how to build and populate Oracle databases, perform effective queries, design applications, and secure your enterprise data. Oracle Database 12c: The Complete Reference also contains a comprehensive appendix covering commands, keywords, features, and functions. Set up Oracle Database 12c or upgrade from an earlier version Design Oracle databases and plan for application implementation Construct SQL and SQL*Plus statements and execute powerful queries Secure data with roles, privileges, virtualization, and encryption Move data with SQL*Loader and Oracle Data Pump Restore databases using flashback and the Oracle Database Automatic Undo Management feature Build and deploy PL/SQL triggers, procedures, and packages Work with Oracle pluggable and container databases Develop database applications using Java, JDBC, and XML Optimize performance with Oracle Real Application Clusters

Oracle and PL/SQL Recipes

A Problem-Solution Approach

Apress Oracle PL/SQL Recipes is your go to book for PL/SQL programming solutions. It takes a task-oriented approach to PL/SQL programming that lets you quickly look up a specific task and see the pattern for a solution. Then it's as simple as modifying the pattern for your specific application and implementing it. And you're done and home for dinner. Oracle PL/SQL Recipes is another in Apress' ongoing series of recipe books aimed at Oracle practitioners. The recipe format is ideal for the busy professional who just needs to get the job done. Covers the most common PL/SQL programming

problems Presents solutions in ready-to-use format Stays short and to-the-point

Introducing Microsoft Power BI

Microsoft Press This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. Introducing Microsoft Power BI enables you to evaluate when and how to use Power BI. Get inspired to improve business processes in your company by leveraging the available analytical and collaborative features of this environment. Be sure to watch for the publication of Alberto Ferrari and Marco Russo's upcoming retail book, *Analyzing Data with Power BI and Power Pivot for Excel* (ISBN 9781509302765). Go to the book's page at the Microsoft Press Store here for more details:<http://aka.ms/analyzingdata/details>. Learn more about Power BI at <https://powerbi.microsoft.com/>.

Effective Oracle by Design

McGraw Hill Professional Tom Kyte of Oracle Magazine's "Ask Tom" column has written the definitive guide to designing and building high-performance, scalable Oracle applications. The book covers schema design, SQL and PL/SQL, tables and indexes, and much more. From the exclusive publisher of Oracle Press books, this is a must-have resource for all Oracle developers and DBAs.

Oracle E-Business Suite 12 Tuning Tips & Techniques

Manage & Optimize for World-Class Effectiveness, Efficiency, and Success

McGraw Hill Professional Master Oracle E-Business Suite 12 Performance Tuning and Optimization Deliver on the promise of lower TCO and achieve operational excellence by implementing a comprehensive enterprise application management process. Oracle E-Business Suite 12 Tuning Tips & Techniques offers detailed coverage of the versatile tools, features, and services available for managing application reliability, availability, performance, optimization, and governance. Best practices for maintaining overall application health and supporting evolving priorities, technologies, and systems are also included in this Oracle Press guide. Get a comprehensive technical and functional overview of Oracle E-Business Suite 12 Plan, develop, and implement a management lifecycle strategy Execute an effective reliability management solution Monitor and maintain availability Improve application speed and performance Optimize Oracle E-Business Suite for short-term flexibility and long-term strategic goals Implement strong application governance processes Measure the success and performance of your management plan Maintain an agile, future-ready Oracle E-Business Suite platform

Learning MySQL

"O'Reilly Media, Inc." Presents instructions on using MySQL, covering such topics as installation, querying, user management, security, and backups and recovery.

Expert One-on-One Oracle

Apress * 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.