

Oracle® Database

2 Day + Application Express Developer's Guide

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Oracle Application Express Developer Guide

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Oracle Application Express Developer Guide:

Advanced Oracle PL/SQL Developer's Guide Saurabh K. Gupta, 2016-02-15 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 *Agile Oracle Application Express* Patrick Cimolini, Karen Cannell, 2012-06-12 Agile Oracle Application Express shows how skilled motivated and self organizing developers can realize extraordinary commercial benefits from Oracle Application Express The secret is to couple Application Express with an agile software development approach This book leads the way Oracle Application Express is well suited to agile processes with its support for rapid prototyping and team development Application Express supports a gamut of enabling technologies such as SQL HTML CSS JavaScript and more that enable you to deliver any type of web application to meet your development needs Agile Oracle Application Express helps you take the feature set of Application Express and marry it with the processes of agile development to iteratively design create and deliver quality applications on time and within budget **Oracle Application Express Administration** Francis Mignault, Luc Demanche, 2016-10-22 Succeed in managing Oracle Application Express APEX environments This book focuses on creating the right combination of scalability high availability backup and recovery integrity and resource control The book covers everything from simple to enterprise class deployments with emphasis on enterprise level requirements and coverage of cloud and hybrid cloud scenarios Many books cover how to develop applications in Oracle APEX It s a tool with a fast growing user base as developers come to know how quick and easy it is to create new applications that run in a browser However just getting an application off the ground is only a small part of a bigger picture Applications must be supported They must be available when users need them They must be robust against disaster and secure against malicious attack These are the issues addressed in Oracle Application Express Administration These are the issues that when tackled successfully lead to long term success in using Oracle APEX as a rapid application development toolset Readers of this book learn how to install the Oracle APEX engine in support of small scale projects such as at the departmental level and in support of enterprise level projects accessed by thousands of users across dozens of time zones Readers learn to take advantage of Oracle Database s underlying feature set in regards to application scalability and performance integrity security high availability and robustness against failure and data loss Oracle Application Express Administration also describes different cloud solutions integration with Oracle E Business Suite and helps in taking advantage of multitenancy in Oracle Database 12c and beyond Covers important enterprise considerations such as scalability robustness high availability Describes cloud based application deployment scenarios Focuses on creating the right deployment environment for long term success What You Will Learn Install upgrade and configure robust APEX environments Back up and recover APEX applications and their data Monitor and tune the APEX engine and its applications Benefit from new administration features in APEX 5.0 Run under multi tenant architecture in Oracle Database 12c Manage the use of scarce resources with Resource Manager Secure your data with advanced security features Build high availability into your APEX deployments Integrate APEX with Oracle E Business Suite Who This Book Is For Architects administrators and developers who want to better understand how APEX works in a corporate environment Readers will use this book to

design deployment architectures around Oracle Database strengths like multi tenancy resource management and high availability The book is also useful to administrators responsible for installation and upgrade backup and recovery and the ongoing monitoring of the APEX engine and the applications built upon it

Expert Oracle Application Express John Scott,Doug Gault,Raj Mattamal,Anton Nielsen,Martin DSouza,Dimitri Gielis,Roel Hartman,Francis Mignault,Dietmar Aust,Michael Hichwa,Denes Kubicek,Dan McGhan,Sharon Kennedy,2011-08-04 Expert Oracle Application Express brings you groundbreaking insights into developing with Oracle s enterprise level rapid development tool from some of the best practitioners in the field today Oracle Application Express APEX is an entirely web based development framework that is built into every edition of Oracle Database The framework rests upon Oracle s powerful PL SQL language enabling power users and developers to rapidly develop applications that easily scale to hundreds even thousands of concurrent users The 13 authors of Expert Oracle Application Express build their careers around APEX They know what it takes to make the product sing developing secure applications that can be deployed globally to users inside and outside a large enterprise The authors come together in this book to share some of their deepest and most powerful insights into solving the difficult problems surrounding scalability globalization configuration and lifecycle management and more You ll learn about debugging and performance deep secrets to customizing your application user interface how to secure applications from intrusion and about deploying globally in multiple languages Expert Oracle Application Express is truly a book that will move you and your skillset a big step towards the apex of Application Express development Presents best practices and development insights from leading experts in the field Addresses globalization scalability security and other concerns of enterprise level development Shows how to customize APEX for your own application needs

Beginning Oracle Application Express Rick Greenwald,2011-03-16 This book shows you how to master Application Express to build effective web based Oracle database applications The author provides hands on step by step guidance on the complete development process through creating customizing and extending the application In addition to presenting how to build a simple application this guide also details reporting and charting themes and templates and security Additionally it demonstrates how to use packaged applications and how to work with multiple applications Data migration and integration with the Oracle environment is also discussed

Rational Application Developer V7.5 Programming Guide Ueli Wahli,Miguel Vieira Ferreira Lopes Gomes,Brian Hainey,Ahmed Moharram,Juan Pablo Napoli,Marco Rohr,Henry Cui,Patrick Gan,Celso Gonzalez,Pinar Ugurlu,Lara Ziosi,IBM Redbooks,2009-06-29 IBM Rational Application Developer for WebSphere Software v7 5 Application Developer for short is the full function Eclipse 3 4 based development platform for developing Java™ Standard Edition Version 6 Java SE 6 and Java Enterprise Edition Version 5 Java EE 5 applications with a focus on applications to be deployed to IBM WebSphere Application Server and IBM WebSphere Portal Rational Application Developer provides integrated development tools for all development roles including Web developers Java developers business analysts architects and enterprise programmers

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Oracle Fusion Developer Guide Frank Nimphius, Lynn Munsinger, 2009-11-14 Master Oracle Fusion Middleware Successfully design rich enterprise web applications using the detailed information in this Oracle Press volume Oracle Fusion Developer Guide goes beyond the predominant drag and drop methods in Oracle JDeveloper 11g and provides a wealth of examples that address common development scenarios when using Oracle Fusion Middleware Work with Oracle JDeveloper 11g define navigation rules accept and validate user input build page layouts and skins and incorporate drag and drop functionality into web applications This authoritative resource also explains how to secure and internationalize your applications Understand the Oracle Application Development Framework and Oracle ADF Faces Rich Client lifestyle Construct Oracle ADF data controls task flows and dynamic regions Graphically represent information with Oracle ADF Faces DVT components Modularize applications using Oracle ADF libraries Oracle ADF task flows and other reusable components Define dynamic navigation rules in Oracle Fusion Middleware web applications Leverage Web 2.0 features using Oracle ADF Faces Rich Client components Control user access with Oracle WebLogic Server and Oracle ADF security For a complete list of Oracle Press titles visit www.OraclePressBooks.com

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Oracle APEX Best Practices Alex Nuijten, 2012-11-05 In clearly written chapters you will be guided through different aspects of Oracle Application Express Varying from setting up your environment to maximizing SQL and PL/SQL Examples are given based on a simple but appealing case This book is filled with best practices on how to make the most of Oracle APEX Developers beginning with application development as well as those who are experienced will benefit from this book You will need to have basic knowledge of SQL and PL/SQL to follow the examples in this book

Oracle 11g.R2: A Practical Guide to Implementing the Latest Features Pasquale De Marco, 2025-04-07 Oracle 11g R2 is the latest iteration of Oracle's flagship database offering a comprehensive suite of features to help organizations optimize their data management strategies This practical guide is designed to help you harness the full potential of Oracle 11g R2 providing a comprehensive overview of the latest features along with step by step instructions and real world examples for effective

implementation With its focus on practical implementation this guide covers a wide range of topics including Performance optimization techniques to enhance the speed and efficiency of your database High availability and disaster recovery solutions to ensure business continuity and minimize downtime Robust security measures to protect data from unauthorized access and cyber threats Data integrity features to maintain the accuracy and consistency of your data Automation tools to streamline database operations and improve productivity Whether you re a seasoned database administrator or just starting out this book provides the knowledge and skills you need to master Oracle 11g R2 and unlock its full potential With clear explanations hands on exercises and expert tips you ll gain a deep understanding of Oracle s latest features and how to use them effectively to improve performance enhance security and streamline your database operations This practical guide is an essential resource for anyone looking to get the most out of Oracle 11g R2 With its comprehensive coverage of the latest features and its focus on practical implementation this book will help you unlock the full potential of Oracle s powerful database and drive your organization s success in the digital age If you like this book write a review

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Rick Greenwald,Robert Stackowiak,Associate Fellow Sustainable Development Programme Royal Institute of International Affairs Jonathan Stern,Jonathan Stern,2013-09-06 Written by Oracle insiders this indispensable guide distills an enormous amount of information about the Oracle Database into one compact volume Ideal for novice and experienced DBAs developers managers and users Oracle Essentials walks you through technologies and features in Oracle s product line including its architecture data structures networking concurrency and tuning Complete with illustrations and helpful hints this fifth edition provides a valuable one stop overview of Oracle Database 12c including an introduction to Oracle and cloud computing Oracle Essentials provides the conceptual background you need to understand how Oracle truly works Topics include A complete overview of Oracle databases and data stores and Fusion Middleware products and features Core concepts and structures in Oracle s architecture including pluggable databases Oracle objects and the various datatypes Oracle supports System and database management including Oracle Enterprise Manager 12c Security options basic auditing capabilities and options for meeting compliance needs Performance characteristics of disk memory and CPU tuning Basic principles of multiuser concurrency Oracle s online transaction processing OLTP Data warehouses Big Data and Oracle s business intelligence tools Backup and recovery and high availability and failover solutions

Pro Oracle Application Express John Scott,Scott Spendolini,2008-10-23 Application Express or APEX is one of the most innovative products to come out of Oracle in years APEX is an application development framework for developing database backed applications It s easy enough to get started in that power users can quit storing data in random spreadsheets and instead centralize their data in the powerful Oracle database all without developer help Developers aren t left out however Those who choose to do so can go deep and leverage the full power and flexibility of Oracle s database engine Getting started with APEX is easy learning how to take full advantage of APEX is the problem It was the problem that is until this book came along In Pro Oracle

Application Express authors John Scott and Scott Spendolini open the hood of APEX and expose the full power behind its easy to use GUI They show you what you need to know to produce powerful professionally polished applications such as user authentication models approaches to layout and navigation how to integrate Ajax how to deal with localization issues such as time zones and translations how to customize the look and feel of an APEX web site and much much more The authors are well qualified to write on APEX John Scott runs ShellPrompt a hosting service that handles many large scale APEX applications some of which he is paid to develop John is a hard core APEX developer His co author Scott Spendolini is one of the original creators of APEX Both John and Scott now base their full time careers on developing APEX applications Pro Oracle Application Express is your opportunity to learn APEX from the very best *Oracle Quick Guides - Part 1 - Oracle Basics: Database & Tools* Malcolm Coxall,2013-05-01 This is part 1 of a series of Quick learning guides for Oracle professionals Part 1 introduces completely new entrants to the Oracle environment about Relational principles and history the background of Oracle Oracle products Oracle database architecture installation Oracle and 3rd party database tools and it provides a glossary of basic Oracle terminology and what it means **Expert Oracle Application Express** Doug Gault,Dimitri Gielis,Martin DSouza,Roel Hartman,Raj Mattamal,Sharon Kennedy,Denes Kubicek,Michael Hichwa,Dan McGhan,John Scott,Anton Nielsen,Francis Mignault,Jorge Rimblas,Nick Buytaert,Karen Cannell,David Peake,Christoph Ruepprich,Tom Petrus,2015-08-20 Expert Oracle Application Express 2nd Edition is newly updated for APEX 5.0 and brings deep insight from some of the best APEX practitioners in the field today You ll learn about important features in APEX 5.0 and how those can be applied to make your development work easier and with greater impact on your business Oracle Application Express APEX is an entirely web based development framework that is built into every edition of Oracle Database The framework rests upon Oracle s powerful PL SQL language enabling power users and developers to rapidly develop applications that easily scale to hundreds even thousands of concurrent users APEX has seen meteoric growth and is becoming the tool of choice for ad hoc application development in the enterprise The many authors of Expert Oracle Application Express 2nd Edition build their careers around APEX They know what it takes to make the product sing developing secure applications that can be deployed globally to users inside and outside a large enterprise The authors come together in this book to share some of their deepest and most powerful insights into solving the difficult problems surrounding globalization configuration and lifecycle management and more New in this edition for APEX 5.0 is coverage of Oracle REST Data Services map integration jQuery with APEX and the new Page Designer You ll learn about debugging and performance deep secrets to customizing your application user interface how to secure applications from intrusion and about deploying globally in multiple languages Expert Oracle Application Express 2nd Edition is truly a book that will move you and your skillset a big step towards the apex of Application Express development Contains all new content on Oracle REST Data Services jQuery in APEX and map integration Addresses globalization and other concerns of enterprise level

development Shows how to customize APEX for your own application needs

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Oracle APEX Reporting Tips & Tricks George Bara,2013-05-02 Take advantage of all the exciting Reporting features of Oracle Application Express 4.2 Designed for a hands on approach this book contains in depth practical guidelines from George Bara a well known Oracle APEX expert and blogger From Classic to Interactive Reports Web Services and PDF Printing Oracle APEX Reporting Tips Tricks is a must have for all database developers that want to make the most out of the Oracle APEX reporting engine Oracle Quick Guides - Part 3 - Coding in Oracle: SQL and PL/SQL Malcolm

Coxall,2013-07-18 This is Part 3 of a series of quick learning guides for Oracle designers developers and managers Part 3 introduces completely new entrants to the main concepts of the SQL language and to the use and development of Oracle s PL SQL procedural version of SQL *Hands-On Oracle Database 10g Express Edition for Linux* Steve Bobrowski,2010-08-17

The fastest way to get up and running on Oracle Database XE Take full advantage of all the powerful features available in Oracle Database 10g Express Edition with help from this easy to follow Oracle Press guide Hands On Oracle Database 10g Express Edition for Linux shows you step by step how to set up administer tune troubleshoot and secure a robust database system You will also learn to use PL SQL and Oracle Application Express to build custom database applications Get started today with the Oracle database that s free to develop deploy and distribute **Oracle Application Express 3.2** Arie

Geller,Matthew Lyon,2010-06-01 Developing data centric web applications can be a real challenge as it is a multi disciplinary process There are many technologies involved in the client side HTML CSS JavaScript and so on the interaction with the database on the server side the typeless nature of the web environment and above all the need to put it all together This needs to be done in a manner that will allow the end users to do their job in the simplest and most efficient way while enriching their user experience How often have you wished that developing such applications could be uncomplicated and straightforward This book will show you that it s possible and teaches you how to do it using Oracle Application Express APEX With this practical guide to APEX you ll learn how to easily develop data centric web applications for the Oracle environment The book covers the development cycle of an APEX application reviewing the major APEX principles and building blocks chapter by chapter It starts with the basic skills you need to get going when developing with APEX Later you will learn advanced issues such as how to build tailor made forms and reports using APEX APIs AJAX and so on It not only deals with the How but also with the Why and before long you will be able to understand APEX concepts and use them to expand and enhance the built in features wizards and tools The book starts with the design phase including building the necessary database objects infrastructure continues with ways to implement the application logic on the server side and the User Interface on the client side whilst showing you how to enhance your applications features and functionality according to your specific needs and it ends with application deployment The book emphasizes and clearly documents areas such as

Globalization Localization and developing multi lingual applications and includes a special discussion about Right To Left RTL support for APEX applications documented here for the first time Throughout the book there are many screenshots and snippets of code taken from working APEX applications The book is accompanied by demo APEX applications that you can download and install in your APEX environment thoroughly analyze and learn from as you read the book

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