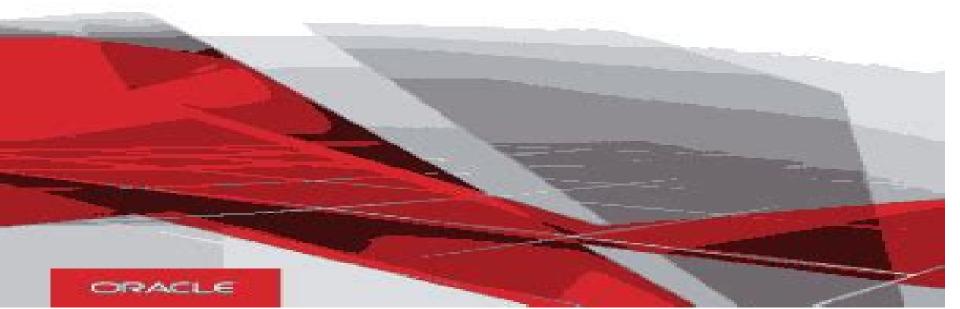# Oracle® Application Express

Installation Guide

Release 4.2 for Oracle Database 12

E17949-12

May 2014

ORACLE

Oracle Application Express Installation Guide

Alex Nuijten

Oracle Application Express Installation Guide:

   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 successfullylead 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   **Oracle Database 11g R2 Step-By-Step Installation Guide** Sideris Courseware Corp,2014-05-14 A major prerequisite for the usage and deployment of Oracle database technology is a successful installation The purpose of this Oracle 11g training course module is to offer a step by step guide for the configuration of a Linux or Microsoft Windows server to host an Oracle database Enterprise Edition installation Especially in a Linux environment installation of the database requires careful preparation configuration and

sometimes troubleshooting in order to succeed This course includes practical tips learned from many real world installations which can assist you to achieve a successful installation in your environment We will explore both a standalone database installation and also a grid infrastructure installation Major objectives covered within this guide book include Configuration of the Linux and Microsoft Windows operating systems in anticipation of a database installation Performing a Desktop Class installation of the Oracle 11g R2 Enterprise Edition database Performing a Server Class installation of the Oracle 11g R2 Enterprise Edition database Addressing configuration and setup issues using the FixUp utility Verification of a valid database installation Database administrator and technical support interface options including the use of Enterprise Manager command line SQL Plus and terminal console SSH Preparing a host system for the Grid Infrastructure and Oracle RDBMS installations and performing those installations Preparing a host system for ASM storage management Partitioning and configuration of storage devices for ASM storage on both Linux and MS Windows servers While this course module applies specifically to the installation of the Enterprise Edition of the Oracle database it covers basic topics which apply to any Oracle software installation Therefore this material is also useful for the installation of other Oracle products such as the Oracle Database Client specialized options for a database server installation and so on   **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 u ser 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 **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 *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 **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 Oracle Application Express: Build Powerful Data-Centric Web Apps with APEX Arie Geller,Brian Spendolini,2017-05-05 Develop Robust Modern Web Applications with Oracle Application Express Covers APEX 5 1 Easily create data reliant web applications that are reliable scalable dynamic responsive and secure using the detailed information

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environment thoroughly analyze and learn from as you read the book **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 Beginning Oracle Application Express 4.2 Doug Gault,Karen Cannell,Patrick Cimolini,Martin D'Souza,Timothy St Hilaire,2013-03-25 Revision of Beginning Oracle Application express 4 2011 **Pro Oracle Application Express 4** Tim Fox,Scott Spendolini,John Scott,2011-11-28 Pro Oracle Application Express 4 is your key to mastering one of the most innovative products to come out of Oracle in years Application Express termed APEX for short is fast becoming one of the easiest and most widely used of tools for creating enterprise level applications that run against an Oracle database APEX is easy enough for power users to create ad hoc applications atop something more reliable than a spreadsheet Yet APEX is powerful and extensible enough to enable fully scalable enterprise level applications that are accessed by thousands of users Authors Tim Fox John Scott and Scott Spendolini take you to the professional level in developing for Application Express They show how to handle user authentication in enterprise environments and how to extend APEX by writing components based upon Oracle s new plug in architecture You ll learn to deal with localization issues such as time zones and translations and to customize the look and feel of an APEX website to blend in with your corporate branding strategy The authors also cover web service development performance and scalability and the production issues that you encounter in enterprise level deployments Many years of experience in solving the hard problems are coalesced in this book to help you the reader take advantage of all that APEX has to offer Focuses on high end enterprise level development Covers new features such as plug ins and Websheets Introduces the new interface released with APEX 4 0 Expert Oracle Application Express Security Scott Spendolini,2013-06-28 Expert Oracle Application

Express Security covers all facets of security related to Oracle Application Express APEX development From basic settings that can enhance security to preventing SQL Injection and Cross Site Scripting attacks Expert Oracle Application Express Security shows how to secure your APEX applictions and defend them from intrusion Security is a process not an event Expert Oracle Application Express Security is written with that theme in mind Scott Spendolini one of the original creators of the product offers not only examples of security best practices but also provides step by step instructions on how to implement the recommendations presented A must read for even the most experienced APEX developer Expert Oracle Application Express Security can help your organization ensure their APEX applications are as secure as they can be

Oracle Essentials Rick Greenwald,Robert Stackowiak,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

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want to rapidly become productive with Oracle s Application Development Framework ADF 12c It is for Oracle Forms and database developers working for organizations who have followed Oracle s strategic direction to ADF as well as for experienced Java developers who want to learn Oracle s highly productive JSF framework *Oracle Application Express by Design* Patrick Cimolini,2017-11-01 Learn the many design decisions that must be made before starting to build a large Oracle Application Express APEX application for the cloud or enterprise One of APEX s key strengths is the fact that it is a Rapid Application Development RAD tool This is also a major weakness when it tempts developers to start coding too soon Small applications that consist of tens of pages can be coded without a lot of design work because they can be re factored quickly when design flaws are discovered Design flaws in large cloud and enterprise applications that consist of hundreds or thousands of pages are not so easy to re factor due to the time needed to redevelop and retest the application not to mention the risk of breaking functionality in subtle ways Designing a large application before coding starts is a profitable exercise because a thoughtful design goes a long way in mitigating cost overruns and schedule slippage while simultaneously enhancing quality This book takes into account perspectives from other non developer stakeholders such as maintenance developers business analysts testers technical writers end users and business owners Overlooking these perspectives is one of the chief causes of expensive rework late in the development cycle Oracle Application Express by Design illustrates APEX design principles by using architecture diagrams screen shots and explicit code snippets to guide developers through the many design choices and complex interrelationship issues that must be evaluated before embarking on large APEX projects This book Guides you through important up front APEX design decisions Helps you to optimize your design by keeping all stakeholders in mind Explicit code examples show how design impacts cost schedule and quality What You Will Learn Pick and choose from the list of designs before coding begins Bake optimal quality into the underlying fabric of an APEX application Think and design from outside the developer s narrow perspective Optimize APEX application designs to satisfy multiple stakeholder groups Evaluate design options through hands on explicit code examples Define and measure success for large cloud and enterprise APEX applications Who This Book Is For APEX developers and development teams   Robot Localization and Map Building Hanafiah Yussof,2010-03-01 Localization and mapping are the essence of successful navigation in mobile platform technology Localization is a fundamental task in order to achieve high levels of autonomy in robot navigation and robustness in vehicle positioning Robot localization and mapping is commonly related to cartography combining science technique and computation to build a trajectory map that reality can be modelled in ways that communicate spatial information effectively This book describes comprehensive introduction theories and applications related to localization positioning and map building in mobile robot and autonomous vehicle platforms It is organized in twenty seven chapters Each chapter is rich with different degrees of details and approaches supported by unique and actual resources that make it possible for readers to explore and learn the up to date knowledge in robot navigation technology

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This book delves into Oracle Application Express Installation Guide. Oracle Application Express Installation Guide is an essential topic that must be grasped by everyone, from students and scholars to the general public. The book will furnish comprehensive and in-depth insights into Oracle Application Express Installation Guide, encompassing both the fundamentals and more intricate discussions.

1. The book is structured into several chapters, namely:

    - Chapter 1: Introduction to Oracle Application Express Installation Guide
    - Chapter 2: Essential Elements of Oracle Application Express Installation Guide
    - Chapter 3: Oracle Application Express Installation Guide in Everyday Life
    - Chapter 4: Oracle Application Express Installation Guide in Specific Contexts
    - Chapter 5: Conclusion

2. In chapter 1, this book will provide an overview of Oracle Application Express Installation Guide. The first chapter will explore what Oracle Application Express Installation Guide is, why Oracle Application Express Installation Guide is vital, and how to effectively learn about Oracle Application Express Installation Guide.
3. In chapter 2, the author will delve into the foundational concepts of Oracle Application Express Installation Guide. This chapter will elucidate the essential principles that need to be understood to grasp Oracle Application Express Installation Guide in its entirety.
4. In chapter 3, the author will examine the practical applications of Oracle Application Express Installation Guide in daily life. This chapter will showcase real-world examples of how Oracle Application Express Installation Guide can be effectively utilized in everyday scenarios.
5. In chapter 4, the author will scrutinize the relevance of Oracle Application Express Installation Guide in specific contexts. This chapter will explore how Oracle Application Express Installation Guide is applied in specialized fields, such as education, business, and technology.
6. In chapter 5, this book will draw a conclusion about Oracle Application Express Installation Guide. This chapter will summarize the key points that have been discussed throughout the book.
    This book is crafted in an easy-to-understand language and is complemented by engaging illustrations. It is highly recommended for anyone seeking to gain a comprehensive understanding of Oracle Application Express Installation Guide.

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Oracle Application Express Installation Guide Introduction

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