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# Expert Oracle Application Express Plugins

Building Reusable Components

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ORIENTED ARCHITECTURE BY  
BUILDING WELL-DESIGNED AND  
REUSABLE PLUGINS TO SPEED YOUR  
ORACLE APPLICATION EXPRESS  
DEVELOPMENT EFFORTS*

Martin D'Souza

Apress®

# Expert Oracle Application Express Plugins Building Reusable Components Expert Apress

**Martin DSouza**



## **Expert Oracle Application Express Plugins Building Reusable Components Expert Apress:**

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**Expert Oracle Application Express Plugins** Martin DSouza, 2011-12-12 Expert Oracle Application Express Plugins is your go to book on the groundbreaking plugin architecture introduced in Oracle Application Express 4.0 Using the new APEX functionality you can create well packaged documented reusable components and reliably leverage your coding investments across many applications Components you create can define new item and region types specify validation processes and present dynamic actions to client applications You can design innovative and colorful ways to display information such as displaying the temperature using an image of a thermometer or displaying sales velocity in the form of an automotive speedometer The new plugin architecture is sure to create a tidal wave of creativity Author Martin D Souza shows everything you need to know to get started in building and deploying plugins of your own design You ll learn the underlying architecture including the APIs used to tie your plugins seamlessly into an Application Express environment You ll learn about the different types of plugins and you ll walk through examples of each to ensure that you can create the right type of plugin when you need it Finally Expert Oracle Application Express Plugins shows how to work as part of the larger Application Express community by leveraging that community s efforts and by giving back as you deploy your own plugins to the broad audience of Application Express developers Presents the architecture and APIs available for customizing Application Express Gives clear examples of plugin development for each type of plugin Helps you work as part of the broader community of plugin developers

**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 will 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.

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New in this edition for APEX 5.0 is coverage of Oracle REST Data Services (ORDS) map integration, jQuery with APEX, and the new Page Designer. You will 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.

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*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 refactored 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 refactor 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

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