

Read Book Understanding
Oracle Apex 5 Application
Development

Understanding Oracle Apex 5 Application Development

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

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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

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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

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concerns of enterprise-level development Shows how to customize APEX for your own application needs

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

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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

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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

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work as part of the broader community of plugin developers. This book 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 got the idea for this book from my neighbor's son who was studying computer science. Few months ago he approached me to discuss his IT project. He was very dejected and from his discussion I realized that the cause of his depression was the platform he was using to create the project, which involved lots of coding. Choosing such heavy coding platforms for absolute

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beginners is not a good idea - they need something very simple to get on the track. Keeping in view the scenario, I compiled this book for everyone (especially teens) to make programming fun for them rather than a nightmare. 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

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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. Oracle APEX is capable to do the heavy lifting for you. You just

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need to focus on the problem to be solved. This book is written for people of any age who have a desire to become web developer. The main objective of this book is to give you a jump-start in the exciting world of web application development and to make you a web application developer in a short time span. If you start learning to develop web apps today, you can actively perform your role in this fast-changing world. It is the skill of the 21st century. Organizations today need more problem-solving ability than ever before, and almost every career opportunity involves technology

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as a mandatory prerequisite. It is the only occupation that doesn't need master or doctoral degrees. Mark Zuckerberg developed Facebook in 2004 when he was a college student. In 2014, 1.4 billion people were using Facebook every month. Facebook demonstrates the power of technology to engage billions and to reach more people. Mark just spent his time doing things that interested him and he did them obsessively because it was fun. Don't try to be someone else. Be yourself. You can't create the Big Thing right now, but you can create the few small things, and bring them

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up so they grow bigger. If you haven't started creating something yet, get started now! I welcome you to the exciting world of web application development. If you need any kind of assistance from me, just give me a shout via my email address - I'm always available to help you out.

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

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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

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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

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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

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for your own application needs

Oracle PL/SQL Programming

Oracle Application Express for

Mobile Web Applications

Oracle Application Express 3.2

Beginning Oracle Application

Express

Oracle Application Express

Forms Converter

Effective Oracle by Design

Understanding Oracle APEX 20

***Application Development Think Like
an Application Express***

DeveloperApress

***In this fast paced technological age,
where things change rapidly, no
one has the time to go through
lengthy concept books just to
assess what the technology has for
them. As an IT professional, I too***

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prefer concise practical books that do not take long to understand the features offered by the new technology. As a strong supporter of practical stuff, I have endeavored to write this book on Oracle Application Express. In this book, I am sharing my personal APEX learning experience that I got by developing a clone of the sample application provided with Oracle Application Express. This book will walk you through to create a professional looking web-based database application. A great starting point for novice and equally beneficial for intermediate users, this book will allow users to practically explore Oracle Application Express (APEX) themselves. Besides creation of individual application pages, this

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book will demonstrate many professional techniques, summarized at the end of each chapter, to apply them to your own projects. Leaving out the boring bits, this book will emphasize on the inspiring and realistic example from the first chapter and will provide guidance in the following areas to make it a one-stop solution:

- APEX introduction***
- Create APEX development environment***
- Create a professional looking web-based database application in APEX***
- Advanced Reporting***
- Application deployment***
- Access the application, remotely and in LAN***

If you really want to know what APEX is, try the practical stuff provided in this book and become an APEX fan. I hope this to be the best practical

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**book on Oracle Application
Express.**

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

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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

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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

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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.

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,

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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 APEX 20 For Beginners
Understanding Oracle APEX 5
Application Development
A Platform to Develop Stunning,
Scalable Data-centric Web Apps
Fast***

***Oracle Application Express - Pro
Hacks (First Edition)
Managing Cost, Schedule, and
Quality***

Oracle Application Express 4

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Recipes

Whether you're new to Oracle or an old hand who has yet to test the waters of APEX, Beginning Oracle Application Express 5 introduces the processes and best practices you'll need to become proficient with APEX. The book shows off the programming environment, the utilities and tools available, and then continues by walking through the process of building a working system from the ground up. All code is documented and explained so that those new

to the languages will not be lost. After reading this book, power users and programmers alike can quickly put together robust and scalable applications for use by one person, by a department, by an entire company. Beginning Oracle Application Express 5 introduces version 5 of the popular and productive Oracle Application Express development platform. Called APEX for short, the platform enables rapid and easy development of web-based applications that make full use of Oracle

The release of APEX 5 brings major new changes to the page builder, an enhanced universal theme, better RESTful web services support, enhanced application packaging, and the many redesigned wizards give a new and fresh feel to the user interface. Covers brand-new functionality in APEX 5 Provides fully documented and explained example code Guides you through creating a working and fully deployable application Building on your existing SQL skills, this book teaches

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***you how to apply useful
jQuery techniques to
applications developed
using the Oracle Application
Express (APEX) development
tool. Pro jQuery in Oracle
Application Express covers
the fundamentals you need
to start enhancing your
applications, with some
practical examples that
you'll want in your own
applications tomorrow.
jQuery is a framework
already utilized by APEX,
and by learning the basics of
jQuery you can leverage the
flexible dynamic actions
provide and see your***

applications raise the bar. Discover why you should embrace HTML5, CSS, and jQuery library capabilities, and how they can enhance the user experience. Oracle Application Express is a mature, browser-based, rapid-development environment with a strong community base around the #orclapex tag. jQuery is a language for the browser, with it you can treat your web page as if it were a database, interacting with a range of features and functions that can make you into a more constructive,

**more efficient developer.
Exemplifies how productive
APEX, CSS, and jQuery can
be Transforms your PL/SQL
skills to CSS and jQuery
Provides jQuery snippets to
enhance your application UX
Beginning Oracle Application
Express 4 introduces one of
the most talked-about
development platforms to
come out of Oracle
Corporation in years. Oracle
Application Express, called
APEX for short, enables
rapid and easy development
of web-based applications
that make full use of Oracle
Database. The release of**

APEX 4 brings a huge leap forward in terms of functionality and usability for both the developer and the end user. Power users and programmers alike can quickly put together robust and scalable applications for use by one person, by a department, by an entire company. Whether you're new to Oracle or an old hand who's yet to test the waters of APEX, Beginning Oracle Application Express 4 introduces the processes and best practices you'll need to become proficient with APEX. The book shows

off the programming environment, the utilities and tools available, and then continues by walking through the process of building a working system from the ground up. While the book assumes a foundational knowledge of SQL and PL/SQL, all code used is documented and explained so that those new to the languages will not be lost. Covers brand-new functionality in APEX 4 Provides fully documented and explained example code Guides you through creating a working and fully

deployable application

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

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packaged applications and how to work with multiple applications. Data migration and integration with the Oracle environment is also discussed.

Beginning Oracle Application Express 5

The Essentials and More Hands-On Oracle Application Express Security

Expert Oracle Application Express Plugins

Easy HTML-DB Oracle Application Express

A Business-Oriented Approach Using ORACLE, MySQL and MS Access

The authors have revised and

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updated this bestseller to include both the Oracle8i and new Oracle9i Internet-savvy database products.

First things first. Grab this book only if you have some basic knowledge of Oracle Application Express (APEX), and possess some hands-on experience with this rapid web application development tool. If you don't, then I encourage you to read my latest book Create Rapid Web Application in Oracle Application Express 19 (ISBN-9781094779096), which is written for absolute beginners. The word hacking has a bad reputation in the computing world. This term is generally used to break into computer systems and create

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havoc. Among developers, though, the term hack refers to a quick solution to a problem, or an intelligent way to get something done. And the term hacker is used for someone who is creative, and possesses technical chops to get things done. This book is an attempt to reclaim the word, and pass creative stuff on to the inexperienced. It exhibits professional approach to various problems you face while developing applications in Oracle APEX and provides quick ways to learn new things about the technology. Oracle APEX is evolving and you get exciting new features with every new release to develop latest, data-centric web apps fast. The main objective of this book is to help

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you practically evaluate these features to polish your development skills. The topics covered in this book are not documented in APEX manuals. Not only the book provides pro tricks to develop professional-looking web apps, but it also saves the time you spend on the Internet to search these solutions. This book is meant to provide a new way of perceiving Oracle APEX. Whether you are looking for a new technique to include in your application, a solution to a common problem, or just some insight into Oracle APEX, I am sure you will find the stuff provided in this book helpful and exciting. Oracle Application Express has taken another big leap towards

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becoming a true next generation RAD tool. It has entered into its fifth version to build robust web applications. One of the most significant feature in this release is a new page designer that helps developers create and edit page elements within a single page design view, which enormously maximizes developer productivity. Without involving the audience too much into the boring bits, this full colored edition adopts an inspiring approach that helps beginners practically evaluate almost every feature of Oracle Application Express, including all features new to version 5. The most convincing way to explore a technology is to apply it to a real world problem. In this book,

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you'll develop a sales application that demonstrates almost every feature to practically expose the anatomy of Oracle Application Express 5. The short list below presents some main topics of Oracle APEX covered in this book:

- Rapid web application development for desktops, laptops, tablets, and latest smartphones**
- Create comprehensive applications declaratively without writing tons of code**
- Design application pages using new Page Designer**
- Create applications with the help of wizards**
- Create custom application pages by adding components manually**
- Use same interface and code to develop applications for a wide array of devices**
- Present data using a**

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**variety of eye-catching charts
Produce highly formatted PDF
reports, including invoices,
grouped reports, and pivot tables
Design and implement a
comprehensive security module If
you are looking for a concise and
concrete book on Oracle
Application Express 5, then I
must say that this is the book
that will return more than what
you have paid for it. The sticky
inspirational approach adopted in
this book not only exposes the
technology, but also draws you in
and keeps your interest up till
the last exercise.**

**Tom Kyte of Oracle Magazine's
"Ask Tom" column has written
the definitive guide to designing
and building high-performance,
scalable Oracle applications. The**

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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.

Think Like an Application Express Developer

Second Edition

Oracle APEX 20 Full Stack Set For Beginners

No-Code Oracle APEX For Thirteen To Ninety

Oracle APEX 20, SQL and PL/SQL Beginners Guides To Develop

Stunning, Low-Code Web Applications Fast

Security, Scheduling, Performance & More

Provides examples and step-by-step instructions on creating HTML-DB

Read Book Understanding Oracle Apex 5 Application Development applications.

Beginning Oracle Application Express 4.2 introduces version 4.2 of the popular and productive Oracle Application Express development platform. Called APEX for short, the platform enables rapid and easy development of web-based applications that make full use of Oracle Database. The release of APEX 4.2 brings extensive new Flash and HTML 5 charting capabilities, enhanced themes for mobile applications usable from phones and tablets, RESTful web services support, enhanced application packaging, and the many redesigned wizards give a new and fresh feel to the user interface. Whether you're new to Oracle or an old hand who's yet to test the waters of APEX, Beginning Oracle

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Application Express 4.2 introduces the processes and best practices you'll need to become proficient with APEX. The book shows off the programming environment, the utilities and tools available, and then continues by walking through the process of building a working system from the ground up. All code is documented and explained so that those new to the languages will not be lost. After reading this book, power users and programmers alike can quickly put together robust and scalable applications for use by one person, by a department, by an entire company. Covers brand-new functionality in APEX 4.2 Provides fully documented and explained example code Guides you through creating a working and

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fully deployable application

You will find stuff about workspace, application, page, and so on in every APEX book. But this book is unique because the information it contains is not available anywhere else! Unlike other books, it adopts a stimulating approach to reveal almost every feature necessary for the beginners of Oracle APEX and also takes them beyond the basics. As a technology enthusiast I write on a variety of new technologies, but writing books on Oracle Application Express is my passion. The blood pumping comments I get from my readers on Amazon (and in my inbox) are the main forces that motivate me to write a book whenever a new version of Oracle APEX is launched. This is my fifth book on

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Oracle APEX (and the best so far) written after discovering the latest 5.1 version. As usual, I'm sharing my personal learning experience through this book to expose this unique rapid web application development platform. In Oracle Application Express you can build robust web applications. The new version is launched with some more prolific tools to maximize developers' productivity. Once again, I've left out the boring bits and have adopted the same practical inspirational approach that has exposed the anatomy of Oracle Application Express to thousands of beginners in the past. The most convincing way to explore a technology is to apply it to a real world problem. In this book, you'll develop a sales web application that not only reveals the

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anatomy of Oracle Application Express, but at the same time provides hands-on techniques that build a solid foundation for you to become a web developer. Since there are lots of changes in the new version, all content has been revised to slot in these changes, including the features new to version 5.1. The short list below summarizes the features of Oracle APEX 5.1 covered in this book: Hands-on exposure to the new features, such as Interactive Grid, Oracle JET Charts, the new declarative Master-Detail-Detail capabilities, dozens of new properties, and new development procedures Teaches how to rapidly develop data-centric web application for desktops, laptops, tablets, and latest smartphones Produce highly formatted

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PDF reports, including invoices, grouped reports, and pivot tables (not covered in any other APEX book)

Design and implement a comprehensive custom security module (unique to this book)

Step-by-step instructions to create mobile version of the application using existing desktop application pages (not covered in any other beginner's guide)

This is a concise yet a concrete book on Oracle Application Express, written for those who want to become web application developers. The sticky inspirational approach adopted in this book not only exposes the technology, but also draws you in and keeps your interest up till the last exercise. I'm grateful to all my readers whose helpful feedback enabled me to further polish my work

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in this edition. Special offer! For those who are new to SQL or those who want to strengthen their SQL knowledge, I'm providing my e-book "SQL - The Shortest Route For beginners" with this book for FREE!

This book shows developers and Oracle professionals how to build practical, non-trivial web applications using Oracle's rapid application development environment – Application Express (APEX). This third edition Is revised to cover the new features and user interface experience found in APEX 20. Interactive grids and form regions are two of the newer aspects of APEX covered in this edition. The book is targeted at those who are new to APEX and just beginning to develop real projects for

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deployment, as well as those who are familiar with APEX and want a deeper understanding. The book takes you through the development of a demo web application that illustrates the concepts all APEX programmers should know. This book introduces the world of APEX properties, explaining the functionality supported by each page component as well as the techniques developers use to achieve that functionality. Topics include conditional formatting, user-customized reports, data entry forms, concurrency and lost updates, and security control. Specific attention is given in the book to the thought process involved in choosing and assembling APEX components and features to deliver a specific result.

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Understanding Oracle APEX 20 Application Development, 3rd Edition is the ideal book to take you from an understanding of the individual pieces of APEX to an understanding of how those pieces are assembled into polished applications. What You Will Learn Build attractive, highly functional web apps from the ground up Enhance and customize pages created by the APEX wizards Understand the security implications of page design Write PL/SQL code for process activity and verification Build complex components such as forms and interactive grids Who This Book Is For Developers new to APEX who desire a strong fundamental understanding of how APEX applications work. For existing developers and database

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administrators desiring to mine the most value from APEX by improving their development techniques.

Oracle APEX Cookbook

Pro Oracle Application Express

Cloud Computing Using Oracle

Application Express

Oracle PL/SQL for DBAs

Create Dynamic Web Pages with OAE

Practical Solutions

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

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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.

This new edition of Understanding Oracle APEX 5 Application Development shows APEX developers how to build practical, non-trivial web applications. The book introduces the world of APEX properties, explaining the functionality supported by each page component as well as the techniques developers use to achieve that functionality. The book is

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targeted at those who are new to APEX and just beginning to develop real projects for production deployment. Reading the book and working the examples will leave you in a good position to build good-looking, highly-functional, web applications. Topics include: conditional formatting, user-customized reports, data entry forms, concurrency and lost updates, and updatable reports. Accompanying the book is a demo web application that illustrates each concept mentioned in the book. Specific attention is given in the book to the thought process involved in

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choosing and assembling APEX components and features to deliver a specific result.

Understanding Oracle APEX 5 Application Development is the ideal book to take you from an understanding of the individual pieces of APEX to an understanding of how those pieces are assembled into polished applications.

Teaches how to develop non-trivial APEX applications.

Provides deep understanding of APEX functionality. Shows the techniques needed for customization.

A three-book set for absolute beginners who want to become dynamic web developers This three-book set combines the titles No-

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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

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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,

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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

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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

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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. As a Cookbook, this book enables you to create APEX web applications and to implement features with immediately usable recipes that unleash the powerful functionality of Oracle APEX 4.2. Each recipe is presented as a separate, standalone entity and the reading of other, prior recipes is not required. It can be seen as a reference

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and a practical guide to APEX development. This book is aimed both at developers new to the APEX environment and at intermediate developers. More advanced developers will also gain from the information at hand. If you are new to APEX you will find recipes to start development and if you are an experienced user you will find ways to improve your productivity and efficiency and make the most of APEX to enhance your applications. A little knowledge of PL/SQL, HTML and JavaScript is assumed.

Building Reusable Components
Oracle Application Express:
Build Powerful Data-Centric

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Web Apps with APEX

Database Management Systems

Beginning Oracle Application

Express 4.2

Oracle Application Express

5. 1 Basics and Beyond

Building Secure Apex

Applications

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

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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

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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.

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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

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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

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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 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

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attacks, Expert Oracle Application Express Security shows how to secure your APEX applications 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

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organization ensure their APEX applications are as secure as they can be.

This 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 book is also aimed at absolute beginners who wish to learn from self-paced professional guidance and need a solid foundation in Oracle APEX. The world of technology is changing very rapidly. Things that used to be done in months are now being done in days and even hours. There are so many

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web development technologies out there and to pick the right one as a beginner is a very tedious task. Web development comes with a huge set of rules and techniques every web developer should know about. If you want your web applications to look and function as you wish them to, you need to put on many hats to get familiar with web technologies that will help you achieve your goal. We are building a world where any business idea can be automated in minutes. From web application development perspective you need a platform to rapidly respond to these ever changing

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demands. This is where Oracle APEX fits in. Oracle APEX is a low-code application development platform and this is the most exciting feature of Oracle APEX that efficiently copes with the current trends. Low-code app development enables people without technical backgrounds to develop innovative apps and can help speed time to develop. It has the capability to make everyone a developer. From software customization to complex apps, low-code is capable of equipping any employee with powerful tools for improved operational efficiency. Low-code platforms

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enable agility and faster, more accessible development cycles. One benefit of low-code app development is it allows non-coders to prototype solutions quickly. These solutions can be tested, evaluated and refined without having to involve formal software development staff members. As a low-code web application development tool, Oracle APEX 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, this low-code platform allows you to build complete applications with

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modern user interfaces, integrations, data and logic quickly and visually. If you have strong intentions to become a dynamic web developer, then you have landed on the right page. This book will provide you with a solid foundation of Oracle APEX and will set a firm ground to develop robust application systems to fulfill the information requirements of your organization. Special offer! For those who are new to SQL or those who want to strengthen their SQL knowledge, I'm providing my SQL/PLSQL e-book with this book for FREE! Get the domain knowledge you

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need to develop real-world business apps for and in the cloud. You'll see how Oracle APEX has made the life of web developers much easier and how it helps you create web-based data-centric applications easily and instantly without writing screeds of code. In Cloud Computing Using Oracle Application Express, you will develop a complete general ledger accounting system named the Cloud Accountant which will be accessible through a variety of devices including desktops, laptops, and the latest smartphones. This new edition also incorporates the new

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application page creation process, which differs from the previous version. You'll cover other new areas, such as the updated UI elements and properties, and the interactive grid. Besides the development of a full application that you can deploy in your organization, the book teaches many new techniques to further enhance your APEX development skills.

What You Will Learn Discover new development techniques for APEX developers Develop cloud-based ERP applications Build a cloud-based application on Oracle APEX Integrate the free JasperReports server and report

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designing tool with Oracle APEX

Who This Book Is For Web

developers who possess some

working knowledge of Oracle

Application Express, and

developers who have been using

Oracle Forms and now wish to

use their existing SQL and

PL/SQL expertise.

Build Your First Web App

Without Writing a Single Line of

Code

Oracle APEX Best Practices

A Practical Guide to Rapidly

Develop Data-Centric Web

Applications Accessible from

Desktop, Laptops, Tablets, and

Smartphones

Oracle Application Express

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Administration

Oracle Application Express by
Design

Understanding Oracle APEX 20
Application Development

Get to grips with the advanced
features of Apex programming for
Salesforce developers using this
comprehensive guide Key

Features Discover how to build
reliable applications with Apex by
avoiding common mistakes and
pitfalls Learn how to use the

different asynchronous
programming tools in Apex Profile
and improve the performance of
your Apex code Book Description

As applications built on the
Salesforce platform are now a key

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part of many organizations, developers are shifting focus to Apex, Salesforce's proprietary programming language. As a Salesforce developer, it is important to understand the range of tools at your disposal, how and when to use them, and best practices for working with Apex. Mastering Apex Programming will help you explore the advanced features of Apex programming and guide you in delivering robust solutions that scale. This book starts by taking you through common Apex mistakes, debugging, exception handling, and testing. You'll then discover different asynchronous Apex programming options and develop

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custom Apex REST web services.

The book shows you how to define and utilize Batch Apex, Queueable Apex, and Scheduled Apex using common scenarios before teaching you how to define, publish, and consume platform events and RESTful endpoints with Apex.

Finally, you'll learn how to profile and improve the performance of your Apex application, including architecture trade-offs. With code examples used to facilitate discussion throughout, by the end of the book, you'll have developed the skills needed to build robust and scalable applications in Apex. What you will learn

Understand common coding mistakes in Apex and how to

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avoid them using best practices Find out how to debug a Salesforce Apex application effectively Explore different asynchronous Apex options and their common use cases Discover tips to work effectively with platform events Develop custom Apex REST services to allow inbound integrations Build complex logic and processes on the Salesforce platform Who this book is for This book is for Salesforce developers who are interested in mastering Apex programming skills. You'll also find this book helpful if you're an experienced Java or C# developer looking to switch to Apex programming for developing apps

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on the Salesforce platform. Basic Apex programming knowledge is essential to understand the concepts covered.

Packed with plentiful screenshots and clear explanations, this book is a step-by-step tutorial that demonstrates a successful Oracle Forms to Oracle APEX Conversion project. This book is for Oracle Forms developers who want to migrate to Oracle APEX. The book will also be useful for Oracle APEX developers who want to convert their older Forms applications to Oracle APEX applications. Oracle Application Express for Mobile Web Applications is an action driven book, taking you by

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the hand through all required steps in building your very own web application that will run on phones, tablets, and other mobile devices. Because you've built every piece of it yourself, you will know exactly how every tiny part is used and how you can tweak it to your own – or your customer's – taste. Oracle Application Express is widely known in the Oracle community as a great tool for creating web applications suitable for desktop browsers. Features have now been added to open up the world of mobile browsing, bringing the simplicity and expressiveness of Application Express to bear in developing applications to run with

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an almost-native look and feel on platforms such as iOS, Android, and Windows Phone. Oracle Application Express for Mobile Web Applications helps you translate your knowledge of Oracle Application Express into developing for mobile devices. The book and its running example provide all the knowledge you need to create professional looking mobile web applications. Takes you through building a mobile web application from start to finish. Gives insight into the components necessary for a professional looking mobile application. Helps you become an even better and more all-round Oracle Application Express

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developer. What you'll learn Build mobile applications to run from iPhones, iPads, Android devices, and Windows-based phones and tablets. Make enterprise reporting and business functions accessible to mobile devices. Customize the look-and-feel of your mobile applications. Respond to gestures such as swiping and pointing, and to changes in device orientation. Enhance mobile applications through the use of plugins. Deploy applications into the Apple and Android stores. Who this book is for Oracle Application Express for Mobile Web Applications is aimed at Oracle Application Express developers wanting to develop and

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deploy applications for use on mobile devices. The book is also useful to any developer in an Oracle Database environment who is looking for a quick-and-easy, yet powerful way to extend business functions and reporting to mobile devices. Table of Contents

Introduction to APEX for Mobile Development
Creating Mobile Pages
Presenting Data through List Views
Accepting Input via Forms
Displaying Calendars and Charts
Implementing a Navigation Springboard
Theming Your Mobile Application
Working with Dynamic Actions
Deploying Applications Natively
Securing your Mobile Application

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Zygiaris provides an accessible walkthrough of all technological advances of databases in the business environment. Readers learn how to design, develop, and use databases to provide business analytical reports with the three major database management systems: Microsoft Access, Oracle Express and MariaDB (formerly MySQL).

Expert Oracle Application Express
Security

For DBAs and Developers

Expert Oracle Application Express

Learn Advance Techniques to

Become a Pro

Beginning Oracle Application

Express 4

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Agile Oracle Application Express
**Oracle Application Express 4
Recipes** provides an example-
based approach to learning
Application Express—the
ground-breaking, rapid
application development
platform included with every
Oracle Database license. The
recipes format is ideal for the
quick-study who just wants a
good example or two to kick
start their thinking and get
pointed in the right direction.
The recipes cover the gamut
of Application Express
development. Author and
Application Express expert
Edmund Zehoo shows how to

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create data entry screens, visualize data in the form of reports and charts, implement validation and back-end logic, and much more. Solutions are presented in an easy problem/solution format, which you can copy and adapt for your own use. Detailed discussion for each solution deepens your understanding and aids in customizing the solutions to fit your particular development challenges. Teaches Application Express via an example-based format Takes you from beginner to intermediate level Shows how to build a fully-functional web

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store in just one hour

PL/SQL, Oracle's powerful procedural language, has been the cornerstone of Oracle application development for nearly 15 years. Although primarily a tool for developers, PL/SQL has also become an essential tool for database administration, as DBAs take increasing responsibility for site performance and as the lines between developers and DBAs blur. Until now, there has not been a book focused squarely on the language topics of special concern to DBAs Oracle PL/SQL for DBAs fills the gap. Covering the

latest Oracle version, Oracle Database 10g Release 2 and packed with code and usage examples, it contains: A quick tour of the PL/SQL language, providing enough basic information about language fundamentals to get DBAs up and running Extensive coverage of security topics for DBAs: Encryption (including both traditional methods and Oracle's new Transparent Data Encryption, TDE); Row-Level Security(RLS), Fine-Grained Auditing (FGA); and random value generation Methods for DBAs to improve query and database performance with

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cursors and table functions

Coverage of Oracle

scheduling, which allows jobs

such as database monitoring

and statistics gathering to be

scheduled for regular

execution Using Oracle's built-

in packages (DBMS_CRYPTO,

DBMS_RLS, DBMS_FGA, DBM

S_RANDOM, DBMS_SCHEDI

NG) as a base, the book

describes ways of building on

top of these packages to suit

particular organizational

needs. Authors are Arup

Nanda, Oracle Magazine 2003

DBA of the Year, and Steven

Feuerstein, the world's

foremost PL/SQL expert and

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coauthor of the classic reference, Oracle PL/SQL Programming. DBAs who have not yet discovered how helpful PL/SQL can be will find this book a superb introduction to the language and its special database administration features. Even if you have used PL/SQL for years, you'll find the detailed coverage in this book to be an invaluable resource.

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

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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

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**applications Who This Book Is
For APEX developers and
development teams**

**An example-driven approach
to securing Oracle
APEX applications As a Rapid
Application Development
framework, Oracle**

**ApplicationExpress (APEX)
allows websites to easily be
created based on data within
an Oracle database. Using
only a web browser, you
can develop and deploy
professional applications that
are both fast and secure.**

**However, as with any website,
there is a security risk
and threat, and securing APEX**

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applications requires some specific knowledge of the framework. Written by well-known security specialists Recx, this book shows you the correct ways to implement your APEX applications to ensure that they are not vulnerable to attacks. Real-world examples of a variety of security vulnerabilities demonstrate attacks and show the techniques and best practices for making applications secure. Divides coverage into four sections, three of which cover the main classes of threat faced by web

**applications and the
forthcovers an APEX-specific
protection mechanism
Addresses the security issues
that can arise,
demonstratingsecure
application design Examines
the most common class of
vulnerability that
allowsattackers to invoke
actions on behalf of other
users and accesssensitive
data The lead-by-example
approach featured in this
critical bookteaches you basic
"hacker" skills in order to
show you how tovalidate and
secure your APEX
applications.**

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**Mastering Apex Programming
Create Rapid Web**

**Applications Using Oracle
Application Express**

Mastering Oracle PL/SQL

Pro jQuery in Oracle

Application Express

Develop Web Apps for

**Desktop and Latest Mobile
Devices**

**A developer's guide to
learning advanced techniques
and best practices for building
robust Salesforce applications**

Develop Robust Modern Web
Applications with Oracle Application
Express. Covers APEX 5.1. Easily
create data-reliant web applications
that are reliable, scalable, dynamic,

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responsive, and secure using the detailed information contained in this Oracle Press guide. Oracle Application Express (APEX): Build Powerful Data-Centric Web Apps with APEX features step-by-step application development techniques, real-world coding examples, and best practices. You will find out how to work with the App Builder and Page Designer, use APEX themes (responsive and mobile included), templates and wizards, and design and deploy custom web apps. New and updated features in APEX 5.0/5.1 are thoroughly covered and explained.

- Understand APEX concepts and programming fundamentals
- Plan and control the development cycle, using HLD

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techniques • Use APEX themes and templates, including Universal Theme • Use APEX wizards to rapidly build forms and reports on database tables • Build modern, dynamic, and interactive user interface using the Page Designer • Increase user experience using Dynamic Actions (Ajax included) • Build and utilize the new APEX 5.1 Interactive Grid • Implement App Logic with APEX computations, validations, and processes • Use (automatic) built-in and manual DML to manipulate your data • Handle security at browser, application, and database levels • Successfully deploy the developed APEX apps

Pro Oracle Application Express opens the "hood" of APEX and

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reveals the full power behind its easy-to-use GUI interface. This book shows 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 like time zones and translations, how to customize the look and feel of an APEX web site, and more. The authors are well-qualified to write on APEX. John Scott is a hard-core APEX developer and his coauthor, Scott Spendolini, is one of the original creators of APEX.

If you have mastered the fundamentals of the PL/SQL language and are now looking for an

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in-depth, practical guide to solving real problems with PL/SQL stored procedures, then this is the book for you.

Develop Internet-Facing Business Applications Accessible Anywhere and Anytime

Oracle Application Express 5 for Beginners (B/W Edition)