Hands On Oracle Application Express Security Building Secure Apex Applications

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 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 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 LANIf 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 book on Oracle Application Express.

Expert Oracle Application Express, 2nd Edition is newly updated for APEX 5.0 and brings deep insight from some of the best APEX practitioners in the field today. You'll learn about important features in APEX 5.0, and how those can be applied to make your development work easier and with greater impact on your business. Oracle Application Express (APEX) is an entirely web-based development framework that is built into every edition of Oracle Database. The framework rests upon Oracle's powerful PL/SQL language, enabling power users and developers to rapidly develop applications that easily scale to hundreds, even thousands of concurrent users. APEX has seen meteoric growth and is becoming the tool of choice for ad-hoc application development in the enterprise. The many authors of Expert Oracle Application Express, 2nd Edition build their careers around APEX. They know what it takes to make the product sing—developing secure applications that can be deployed globally to users inside and outside a large enterprise. The authors come together in this book to share some of their deepest and most powerful insights into solving the difficult problems surrounding globalization, configuration and lifecycle management, and more. New in this edition for APEX 5.0 is coverage of Oracle REST Data Services, map integration, jQuery with APEX, and the new Page Designer. You'll learn about debugging and performance, deep secrets to customizing your application user interface, how to secure applications from intrusion, and about deploying globally in multiple languages. Expert Oracle Application Express, 2nd Edition is truly a book that will move you and your skillset a big step towards the apex of Application Express development. Contains all-new content on Oracle REST Data Services, jQuery in APEX, and map integration Addresses globalization and other concerns of enterprise-level development Shows how to customize APEX for your own application needs

Use this comprehensive guide to get started with the Oracle Cloud Free Tier. Reading this book and creating your own application in the Free Tier is an excellent way to build familiarity with and expertise in Oracle Cloud Infrastructure. Even better is that the Free Tier by itself is capable enough and provides all the ingredients needed for you to create secure and robust, multi-tiered web applications of modest size. Examples in this book introduce the broad suite of Always Free options that are available from Oracle Cloud Infrastructure. You will learn how to provision autonomous databases and autonomous Linux compute nodes. And you will see how to use Terraform to manage infrastructure as code. You also will learn about networking options and application deployment, including how to create and deploy public-facing Application Express solutions and three-tier web applications on a foundation of Oracle REST Data Services. The book also includes a solid introduction to predictive analytics through Oracle Machine Learning Notebooks and Apache Zepplin. Cloud computing is a strong industry trend. Mastering the content in this book leaves you well-positioned to make the transition into providing and supporting cloud-based applications and databases. You will have the knowledge and skills that you need to deploy modest applications along with a growing understanding of Oracle's Cloud platform that will serve you well as you go beyond the limits of the Always Free options and take full advantage of all that Oracle Cloud Infrastructure can offer. What You Will Learn Know which resources are available for free forever from Oracle Cloud Infrastructure Host, manage, and monitor web applications using the freely available components Provision and manage Autonomous Databases and Autonomous Linux Compute Nodes Perform rudimentary predictive analytics using Oracle Machine Learning Notebooks Automate and manage your infrastructure as code using Terraform Monitor and manage costs when you grow beyond the Always Free platform Who This Book Is For Database administrators and application developers who want to learn about Oracle's cloud offerings, application developers seeking a robust platform on which to build and deploy modest applications at zero cost, and developers and administrators interested in exploring Oracle Application Express running on a self-managing, self-tuning Oracle Database

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

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

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 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 fully deployable application What you'll learn Design, code, and troubleshoot APEX applications Create forms and generate reports Create charts using Flash and HTML 5 Apply best-practices to database and application design Create intuitive navigation that inspires confidence among users Secure your applications from outside attack Deploy applications for one, a dozen, or hundreds of users Choose between desktop and mobile user interfaces for deployed applications Who this book is for Beginning Oracle Application Express 4.2 is for programmers and power users wanting to create rich, data-centric applications that are web-based, and that rest on Oracle's industry-leading database technology.

Oracle Application Express for Mobile Web Applications is an action driven book, taking you by 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 Appliction Express to bear in developing applications to run with 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 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 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

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

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. Oracle Application Express by Design 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. 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 Oracle Application Express by Design is written for APEX developers and development teams. Architecture diagrams, screen shots, and explicit code snippets are designed to focus developers' attention on the diverse needs of all the stakeholders who are involved in building large cloud and enterprise APEX applications. Readers will find concrete examples in the book of how to implement various design strategies to achieve optimal results for their organization.

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 4.0. Each recipe is presented as a separate, standalone entity and reading of other prior recipes is not required. It can be seen as a reference 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. If you are an experienced user you will find ways to work smarter and more easily with APEX and enhance your applications. A little knowledge of PL/SQL, HTML and JavaScript is assumed.

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

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 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 store in just one hour

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.

Oracle Application Express has taken another big leap towards 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, 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 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.

Pro Oracle Application Express Themes shows you how to develop rich user interfaces that enhance your application for any environment. Whether you're new to Oracle Apex or an experienced professional, Pro Oracle Application Express Themes explains the processes you'll need to understand to become proficient in developing any user interface without having to be a guru in HTML, CSS or JavaScript. Any web page that you see in a browser is a combination of structure, style and interactivity undertaken using HTML, CSS and JavaScript which your browser knows how to interpret. In Apex the process is the same. Once you understand how this is achieved within Apex, you can output just about anything you like. There is then no reason why you cannot create an Apex user interface that is every bit as rich or sophisticated as anything else on the web. The book steps you through the basic mechanics of a browser and how this works with Apex, details the many elements of the Apex UI development environment and tools available, guides you through the basics of HTML, CSS and JavaScript as it relates to Apex Themes and then continues by providing you with working examples for typical user interface requirements and challenges. A section is also included on managing and deploying your UI and for good measure, some suggested guidelines on development, security and accessibility standards. Detailed description of the disparate elements of the Apex UI development environment Basics of HTML, CSS and JavaScript as they relate to Apex Working examples of solutions to common UI requirements and challenges within Apex Managing and deploying your UI in live systems What you'll learn Gain an insight into the mechanics of how browsers work Understand the disparate elements of the Apex UI development environment Master the basics of HTML, CSS and JavaScript as they relate to Apex Develop rich and sophisticated user interfaces for any environment or device Create development standards and guidelines for your application user interfaces Managing and deploying your UI in live systems Who this book is for Pro Oracle Application Express Themes is aimed at developers who are both new to the Apex development environment and at intermediate Apex developers. If you have ever wished to be able to create a better user interface but don't know what selectors, elements or pseudo-classes are and have no idea where to start, then this book is for you. It does not assume any prior knowledge of CSS, HTML or JavaScript.

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 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.

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 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 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.

This is my seventh book on Oracle Application Express (APEX) written for the latest 18.1 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. Oracle APEX is an amazing development platform in which you can build

robust web applications. Not only it provides an environment where you can rapidly develop data-centric web applications, it also allows end-users to interact with their data via tools like interactive report, interactive grid, different types of charts, maps and more. The most convincing way to explore a technology is to apply it to a real world problem. Without involving the audience too much into the boring bits, the book adopts an inspiring approach that helps beginners practically evaluate almost every feature of Oracle APEX. In this book, you'll develop an application that demonstrates the use of those features to get hands-on exposure of Oracle APEX anatomy. 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. The objective of this book is to introduce you to the art of building web applications by iteratively developing the sample database application (provided with Oracle APEX) from scratch. The application demonstrates how to display summary information, use reports and forms for viewing, updating, and adding information, include charts and maps to visualize information, and create dedicated mobile pages. This application has been chosen as an example because you can learn most of the techniques from it for your own future work. The primary purpose of this book is to teach you how to use Oracle APEX to realize your own development goals. Each chapter in this book explores a basic area of functionality and delivers the development techniques to achieve that functionality. By the time you reach the end of the examples in this book, you will have a clear understanding of Oracle APEX and will be able to extend the application in almost any direction. 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 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 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 Oracle APEX book written for beginners, then I must say that this is the book that will return more than what you pay for it. 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!

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

An example-driven approach to securing Oracle APEXapplications As a Rapid Application Development framework, Oracle ApplicationExpress (APEX) allows websites to easily be created based on datawithin an Oracle database. Using only a web browser, you candevelop and deploy professional applications that are both fast andsecure. However, as with any website, there is a security risk andthreat, and securing APEX applications requires some specificknowledge of the framework. Written by well-known securityspecialists Recx, this book shows you the correct ways to implementyour APEX applications to ensure that they are not vulnerable toattacks. Real-world examples of a variety of securityvulnerabilities demonstrate attacks and show the techniques andbest practices for making applications secure. Divides coverage into four sections, three of which cover themain 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.

Succeed in managing Oracle Application Express (APEX) environments. This book focuses on creating the right combination of scalability, high-availability, backup and recovery, integrity, and resource control. The book covers everything from simple to enterprise-class deployments, with emphasis on enterprise-level requirements and coverage of cloud and hybrid-cloud scenarios. Many books cover how to develop applications in Oracle APEX. It's a tool with a fast-growing user-base as developers come to know how quick and easy it is to create new applications that run in a browser. However, just getting an application off the ground is only a small part of a bigger picture. Applications must be supported. They must be available when users need them. They must be robust against disaster and secure against malicious attack. These are the issues addressed in Oracle Application Express Administration. These are the issues that when tackled successfully lead to long term success in using Oracle APEX as a rapid application-development toolset. Readers of this book learn how to install the Oracle APEX engine in support of small-scale projects such as at the departmental level, and in support of enterprise-level projects accessed by thousands of users across dozens of time zones. Readers learn to take advantage of Oracle Database's underlying feature set in regards to application scalability and performance, integrity, security, high-availability, and robustness against failure and data loss. Oracle Application Express Administration also describes different cloud solutions, integration with Oracle E-Business Suite, and helps in taking advantage of multitenancy in Oracle Database 12c and beyond. Covers important enterprise considerations such as scalability, robustness, high-availability. Describes cloud-based application deployment scenarios Focuses on creating the right deployment environment for long-term success What You Will Learn Install, upgrade, and configure robust APEX environments Back up and recover APEX applications and their data Monitor and tune the APEX engine and its applications Benefit from new administration features in APEX 5.0 Run under multi-tenant architecture in Oracle Database 12c Manage the use of scarce resources with Resource Manager Secure your data with advanced security features Build high-availability into your APEX deployments Integrate APEX with Oracle E-Business Suite Who This Book Is For Architects, administrators, and developers who want to better understand how APEX works in a corporate environment. Readers will use this book to design deployment architectures around Oracle Database strengths like multi-tenancy, resource management, and high availability. The book is also useful to administrators responsible for installation and upgrade, backup and recovery, and the ongoing monitoring of the APEX engine and the applications built upon it.

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.

Building on your existing SQL skills, this book teaches 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 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 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 prespective you need a platform to rapidly respond to these ever changing deamands. 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 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 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!

* A detailed tutorial that takes you from no knowledge of Oracle programming to mastery, teaching you how to write correct, production quality code right from the start. * A clear, step-by-step guide to every aspect of programming the Oracle database, with practical programming techniques and troubleshooting advice from Oracle experts. * Provides an extensive SQL toolkit to tackle common day-to-day database tasks

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 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 fully deployable application

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

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

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

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.

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 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 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 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 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 is my eight 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. Oracle APEX is an amazing development platform in which you can build robust web applications. Not only it provides an environment where you can rapidly develop data-centric web applications, it also allows end-users to interact with their data via tools like interactive report, interactive grid, different types of charts, maps and more. The most convincing way to explore a technology is to apply it to a real world problem. Without involving the audience too much into the boring bits, the book adopts an inspiring approach that helps beginners practically evaluate almost every feature of Oracle APEX. In this book, you'll develop an application that demonstrates the use of those features to get hands-on exposure of Oracle APEX anatomy. 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. The ultimate objective of this book is to introduce you to the art of building web applications by iteratively developing the sample database application (provided with Oracle APEX) from scratch. The application demonstrates how to display summary information, use reports and forms for viewing, updating, and adding information, include charts and maps to visualize information, and create dedicated mobile pages. This application has been chosen as an example because you can learn most of the techniques from it for your own future work. The primary purpose of this book is to teach you how to use Oracle APEX to realize your own development goals. Each chapter in this book explores a basic area of functionality and delivers the development techniques to achieve that functionality. By the time you reach the end of the examples in this book, you will have a clear understanding of Oracle APEX and will be able to extend the application in almost any direction. 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 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 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 Oracle APEX book written for beginners, then I must say that this is the book that will return more than what you pay for it. 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!

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 Database. 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

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

Deliver rich desktop-styled Oracle APEX applications using the powerful Ext JS JavaScript library with this book and eBook.

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