

# Oracle Express Edition Application Development Tutorials

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## **Beginning Oracle Application Express 5** - Doug Gault 2015-12-30

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

## **Oracle SQL Developer** - Ajith Narayanan 2016-01-30

Learn Database design, development, and administration using the feature-rich SQL Developer 4.1 interface About This Book Explore all the SQL Developer 4.1 features useful for Oracle database developers, architects, and administrators Understand how this free tool from Oracle has evolved over the years and has become a complete tool that makes life easy for Oracle and third-party database users The author, Ajith Narayanan, has a total of 10+ years of work experience as an Oracle [APPS] DBA Who This Book Is For This book is intended for Oracle developers who are responsible for database management. You are expected to have programming knowledge of SQL and PL/SQL, and must be familiar with basic Oracle database concepts. What You Will Learn Install and navigate through all the advanced features of SQL Developer that were introduced in version 4.1 Browse, create, edit, and delete (drop) database objects Use the SQL worksheet to run SQL statements and scripts, edit and debug PL/SQL code, manipulate and export (unload) data Carry out all DBA-related activities such as exporting/importing, tuning, and analyzing database performance issues Quickly analyze, create, and edit the data model using data modeler Extend the SQL developer capabilities by exploring the APEX related pages, enabling and working with RESTful services Use the available reports and create new custom reports with custom scripts Grasp how to connect to third-party databases and work smoothly with them In Detail At times, DBAs support 100s of databases at work. In such scenarios, using a command-line tool like putty adds to the difficulty, while SQL Developer makes the life of a developer, DBA, or DB architect easier by providing a graphical user interface equipped with features that can bolster and enhance the user experience and boost efficiency. Features such as DBA panel, Reports, Data Modeler, and Data Miner are just a few examples of its rich features, and its support for APEX, REST Services, timesten, and third-party database drivers demonstrate its extensibility. You may be a newbie to databases or a seasoned database expert, either way this book will help you understand the database structure and the different types of objects that organize enterprise data in an efficient manner. This book introduces the features of the SQL Developer 4.1 tool in an incremental fashion, starting with installing them, making the database connections, and using the different panels. By sequentially walking through the steps in each chapter, you will quickly master SQL Developer 4.1. Style and approach This book follows a step-by-step approach and is in a conversational and easy-to-follow style. Screenshots, and detailed explanations of the basic and advanced features of SQL Developer 4.1

that will make your work and life easy.

## **Easy HTML-DB Oracle Application Express** - Michael Cunningham 2006

By removing the guesswork from Oracle HTML manipulation, this book shows working examples of complex HTML-DBA database access and techniques for creating easy HTML-DB applications. All HTML-DB concepts are described, and working examples of each HTML-DB feature are provided. Examples of HTML-DB data access and document formatting, information on how to update Oracle HTML-DB, and methods of customizing applications with Themes and CSS are also included.

## **Expert Oracle Application Express Plugins** - Martin DSouza 2012-01-13

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 Database Programming with Visual Basic.NET** - Ying Bai 2021-04-30

Oracle Database Programming with Visual Basic.NET Discover a detailed treatment of the practical considerations and applications of Oracle database programming with Visual Basic 2019 Oracle Database Programming with Visual Basic.NET: Concepts, Designs, and Implementations delivers a comprehensive exploration of the foundations of Oracle database programming using Visual Basic.NET. Using Visual Basic.NET 2019, Visual Studio.NET 2019, and Oracle 18c XE, the book introduces the Oracle database development system, Oracle SQL Developer and Modeler, and teaches readers how to implement a sample database solution. The distinguished author also demonstrates the use of dotConnect for Oracle to show readers how to create an effective connection to an Oracle 18c XE database. The current versions of the .NET framework, ASP.NET, and ASP.NET 4.7 are also explored and used to offer readers the most up to date web database programming techniques available today. The book provides practical example projects and detailed, line-by-line descriptions throughout to assist readers in the development of their database programming skill. Students will also benefit from the inclusion of: A thorough introduction to databases, including definitions, examples, descriptions of keys and relationships, and some database components in popular databases, like Access, SQL, and Oracle An exploration of ADO.NET, including its architecture and components, like the DataReader class, DataSet component, DataTable component, and the command and parameter classes A discussion of Language Integrated Query (LINQ), including its architecture and

components, its relationship to objects, DataSet, Oracle, and Entities An explanation of how to access data in ASP.NET and ASP.NET Web Services with multiple real project examples. Perfect for college and university students taking courses related to database programming and applications, Oracle Database Programming with Visual Basic.NET will also earn a place in the libraries of programmers and software engineers seeking a comprehensive reference for database coding in Visual Basic.NET.

**Computerworld** - 1999-10-18

For more than 40 years, Computerworld has been the leading source of technology news and information for IT influencers worldwide.

Computerworld's award-winning Web site (Computerworld.com), twice-monthly publication, focused conference series and custom research form the hub of the world's largest global IT media network.

**Hands-On Oracle Database 10g Express Edition for Windows** - Steve Bobrowski 2010-08-17

The fastest way to get up and running on Oracle Database XE Take full advantage of all the powerful features available in Oracle Database 10g Express Edition with help from this easy-to-follow Oracle Press guide. Hands-On Oracle Database 10g Express Edition for 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.

**JDBC for MySQL - Herong's Tutorial Examples** - Herong Yang 2019-01-01

This JDBC tutorial book is a collection of notes and sample codes written by the author while he was learning JDBC technology himself. Topics include installing JDK and MySQL server; using MySQL JDBC driver (MySQL Connector/J); database connection URLs; introduction to Result Set; Meta Data, Prepared Statement, CLOB, and BLOB; connection pooling with DBCP and C3P0. Updated in 2022 (Version v3.12) with minor changes. For latest updates and free sample chapters, visit <https://www.herongyang.com/JDBC-MySQL>.

**Practical Oracle JET** - Daniel Curtis 2019-05-07

Learn how to use Oracle's JavaScript Extension Toolkit (JET) as a solution to the all too common problem of internal back office and intranet applications that are typically ugly, clunky, and cumbersome to use. JET simultaneously provides you with a JavaScript toolkit that is cutting-edge while being stable enough for enterprise development in an ecosystem that is notorious for its fast-paced rate of change. Practical Oracle JET walks through the process of developing a functional application using Oracle JET. By the end of this book you will have built a support ticket system using a variety of different components bundled with the toolkit, including lists, inputs, and visualizations. The skills acquired from reading this book and working the examples equip you to build your own applications and take your understanding even further to more advanced topics. What You'll Learn Build a real-world Oracle JET application Understand the fundamental technologies used in JET Control look and feel through theming a JET application Develop interfaces using Web Components Include and interface with third-party libraries Configure automated unit testing of JET applications Who This Book Is For Developers with a basic understanding of JavaScript who want to learn Oracle's JavaScript Extension Toolkit for building client-side applications that can integrate with data services and Oracle Cloud products. The book is also of interest to Oracle ADF developers coming from a Java and WebCenter background who are building new skills in JavaScript and browser-based applications.

**Beginning Database-Driven Application Development in Java EE** - Yuli Vasiliev 2009-04-21

Beginning Database-Driven Application Development in Java™ EE: Using GlassFish™ focuses on the open source GlassFish persistence engine. This book shows Java programmers how to develop applications utilizing relational database technologies with examples using Oracle and MySQL and the GlassFish application development framework and deployment platform all based on Java EE. The book explains in detail how you can organize your Java EE solution into a multilayer architecture, placing most emphasis on how to implement the persistence and database tiers of an application. Through many examples, this book shows how you can efficiently use the Java Persistence features available in the Java EE platform. Find out how you can greatly simplify the task of building the persistence layer of your Java EE application by moving some application logic into the underlying database, utilizing database views, stored programs, and triggers. The

book also explains how to deploy Java EE applications to GlassFish, a free, open source Java EE 5-compliant application server.

**Oracle APEX** - Priyanka Agarwal 2017-05-08

After Great response of Oracle APEX - Tips and Tricks I, Priyanka Agarwal is releasing her second book in series. Oracle APEX - Tips and Tricks II contains 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. Helps understand APEX concepts and programming fundamentals. Make the most of Oracle Apex with this guide to best practices and its Tips and Tricks II. It will help you look at the bigger picture when building applications and take more elements into account and deal with everyday common issues that are faced. Who This Book Is For This book is filled with tips 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. In Detail Have you ever wanted to create real-world database applications? In this book you're not only getting APEX best practices and tricks, but will also take into account the total environment of an APEX application and benefit from it. "Oracle APEX Tips and Tricks" will guide you through the development of real-world applications. It will give you a broader view of APEX. The various aspects include setting up APEX environment, testing and debugging, security, and getting the best out of SQL and PL/SQL. "Oracle APEX Tips and Tricks" is where practical development begins! Published by: MeetCoogole

**Create Rapid Web Applications Using Oracle Application Express** - Riaz Ahmed 2012-01-06

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 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 book on Oracle Application Express.

**Oracle Application Express 4.0 with Ext JS** - Mark Lancaster 2011-03-23

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

**Oracle Database XE 11gR2 Jump Start Guide** - Asif Momen 2012-07-10

Build and manage your Oracle Database XE environment with this fast paced, practical guide

**Oracle Application Express: Build Powerful Data-Centric Web Apps with APEX** - Arie Geller 2017-05-05

Develop Robust Modern Web Applications with Oracle Application Express. Covers APEX 5.1. Easily create data-reliant web applications that are reliable, scalable, dynamic, responsive, and secure using the detailed information 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 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  
**JDBC for Oracle - Herong's Tutorial Examples** - Herong Yang 2019-01-01

This JDBC tutorial book is a collection of notes and sample codes written by the author while he was learning JDBC technology himself. Topics include installing JDK and Oracle server; using Oracle JDBC driver; database connection URLs; introduction to Result Set, Meta Data, Prepared Statement, CLOB, and BLOB. Updated in 2022 (Version v3.12) with minor changes. For latest updates and free sample chapters, visit <https://www.herongyang.com/JDBC-Oracle>.

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

**Php Oracle Web Development** - Yuli Vasiliev 2007-07-30  
This practical book for PHP/Oracle developers is built around well explained, easy-to-follow example code to build robust, efficient, secure solutions covering popular current topics on using PHP with Oracle. Assuming no special skill level, experienced author Yuli Vasiliev shows how to install and configure PHP and Oracle; connect PHP to Oracle; move application business logic to Oracle; build transactional applications; use security features; improve performance with caching; employ XML features; implement SOAP web services; build Ajax-driven PHP/Oracle solutions. Building and deploying PHP applications on Oracle Database combines the power and robustness of Oracle with the easy, rapid development of open-source PHP to achieve high-performance, scalable, reliable data-driven web applications with minimal effort. Unlike some other databases, Oracle allows building the key business logic of PHP applications inside the database, moving data processing from web server to database server.

**Understanding Oracle APEX 20 Application Development** - Edward Sciore 2021-01-03

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

development techniques.

**Mastering Oracle PL/SQL** - Christopher Beck 2008-01-01

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.

**Oracle Application Express - Pro Hacks (First Edition)** - Riaz Ahmed 2019-10-09

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.

**Create Rapid Web Application in Oracle Application Express 19** - Riaz Ahmed 2019-04-17

This is my eighth 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! *Oracle Database 10g Express Edition PHP Web Programming* - Michael McLaughlin 2006-10-27

Develop Web applications for Oracle database by using PHP and the detailed information in this comprehensive guide. You'll learn how to define data types, functions, and arrays, as well as how to write enterprise applications for the internet and e-commerce applications.-- [book cover].

**Expert Oracle Application Express Security** - Scott Spendolini 2013-06-28

Expert Oracle Application Express Security covers all facets of security related to Oracle Application Express (APEX) development. From basic settings that can enhance security, to preventing SQL Injection and Cross Site Scripting attacks, Expert Oracle Application Express Security shows how to secure your APEX 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 organization ensure their APEX applications are as secure as they can be.

Oracle APEX Best Practices - Alex Nuijten 2012-11-05

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

**Expert Oracle Application Express** - Doug Gault 2015-08-20

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

Oracle Application Express Forms Converter - Douwe Pieter van den Bos 2009-07-29

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 APEX 20 Full Stack Set For Beginners* - Riaz Ahmed 2020-08-06  
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.

**ORACLE Express OLAP** - Sergei Arkhipenkov 2001

This book covers all development aspects of Corporate Data Analysis Systems (CDAS) based on data warehousing technology and OLAP. Everything from preparing commercial proposals, structuring the project, developing the concept of the system, to implementing the system, is covered. The authors also provide a comprehensive description of OLAP and data warehousing technology, and a technique for developing end user OLAP applications. It also includes practical ways to create, load, and administer multi-dimensional databases.-- Explains the principles of Data Warehousing and OLAP technologies-- Explains the steps for developing a CDAS based on Data Warehousing technology and OLAP-- Provides practical information for developing Data Warehousing using Oracle Data Warehouse Builder

**JDBC Tutorials - Herong's Tutorial Examples** - Herong Yang 2020-03-01

This JDBC tutorial book is a collection of notes and sample codes written by the author while he was learning JDBC technology himself. Topics include introduction to JDBC driver; installing JDK on Windows and other systems; Using Derby (Java DB) JDBC Driver; Using MySQL JDBC Driver (MySQL Connector/J); Using Oracle JDBC Driver; Using SQL Server JDBC Driver; Using JDBC-ODBC Bridge Driver. Updated in 2020 (Version 3.10) with JDBC 4.3.

Practical Database Programming with Visual Basic.NET - Ying Bai 2012-06-19

Practical Database Programming with Visual Basic.NET The most up-to-date Visual Basic.NET programming textbook—covering both fundamentals and advanced-level programming techniques—complete with examples and solutions Visual Basic.NET (VB.NET) is an object-oriented computer programming language that can be viewed as an evolution of the classic Visual Basic (VB), which is implemented on the .NET Framework. Microsoft currently supplies two major implementations of Visual Basic: Microsoft Visual Studio (which is commercial software) and Microsoft Visual Studio Express (which is free of charge). Forgoing the large amounts of programming codes found in most database programming books, Practical Database Programming

with Visual Basic.NET shows students and professionals both how to develop professional and practical database programs in a Visual Basic.NET environment by using Visual Studio.NET Data Tools and Wizards related to ADO.NET 4.0, and how to apply codes that are auto-generated by solely using Wizards. The fully updated Second Edition: Covers both fundamentals and advanced database programming techniques Introduces three popular database systems with practical examples including MS Access, SQL Server 2008, and Oracle Features more than fifty sample projects with detailed illustrations and explanations to help students understand key techniques and programming technologies Includes downloadable programming codes and exercise questions This book provides undergraduate and graduate students as well as database programmers and software engineers with the necessary tools to handle the database programming issues in the Visual Studio.NET environment.

**Oracle Essentials** - Rick Greenwald 2013-09-06

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

**Oracle Database Programming with Visual Basic.NET** - Ying Bai 2021-05-11

Oracle Database Programming with Visual Basic.NET Discover a detailed treatment of the practical considerations and applications of Oracle database programming with Visual Basic 2019 Oracle Database Programming with Visual Basic.NET: Concepts, Designs, and Implementations delivers a comprehensive exploration of the foundations of Oracle database programming using Visual Basic.NET. Using Visual Basic.NET 2019, Visual Studio.NET 2019, and Oracle 18c XE, the book introduces the Oracle database development system, Oracle SQL Developer and Modeler, and teaches readers how to implement a sample database solution. The distinguished author also demonstrates the use of dotConnect for Oracle to show readers how to create an effective connection to an Oracle 18c XE database. The current versions of the .NET framework, ASP.NET, and ASP.NET 4.7 are also explored and used to offer readers the most up to date web database programming techniques available today. The book provides practical example projects and detailed, line-by-line descriptions throughout to assist readers in the development of their database programming skill. Students will also benefit from the inclusion of: A thorough introduction to databases, including definitions, examples, descriptions of keys and relationships, and some database components in popular databases, like Access, SQL, and Oracle An exploration of ADO.NET, including its architecture and components, like the DataReader class, DataSet component, DataTable component, and the command and parameter classes A discussion of Language Integrated Query (LINQ), including its architecture and components, its relationship to objects, DataSet, Oracle, and Entities An explanation of how to access data in ASP.NET and ASP.NET Web Services with multiple real project examples. Perfect for college and university students taking courses related to database programming and applications, Oracle Database Programming with Visual Basic.NET will also earn a place in the libraries of programmers and software engineers seeking a comprehensive reference for database coding in Visual Basic.NET.

**Beginning Oracle Application Express 5** - Doug Gault 2015-12-22

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

**Pro Oracle Application Express 4** - Tim Fox 2011-11-28

Pro Oracle Application Express 4 is your key to mastering one of the most innovative products to come out of Oracle in years. Application Express, termed "APEX" for short, is fast becoming one of the easiest and most widely-used of tools for creating enterprise-level applications that run against an Oracle database. APEX is easy enough for power users to create ad-hoc applications atop something more reliable than a spreadsheet. Yet APEX is powerful and extensible enough to enable fully-scalable, enterprise-level applications that are accessed by thousands of users. Authors Tim Fox, John Scott, and Scott Spendolini take you to the professional level in developing for Application Express. They show how to handle user authentication in enterprise environments and how to extend APEX by writing components based upon Oracle's new plug-in architecture. You'll learn to deal with localization issues such as time zones and translations, and to customize the look and feel of an APEX website to blend in with your corporate branding strategy. The authors also cover web service development, performance and scalability, and the production issues that you encounter in enterprise-level deployments. Many years of experience in solving the "hard problems" are coalesced in this book to help you, the reader, take advantage of all that APEX has to offer. Focuses on high-end, enterprise-level development Covers new features such as plug-ins and Websheets Introduces the new interface released with APEX 4.0

**Hands-On Oracle Application Express Security** - Recx 2013-04-09

An example-driven approach to securing Oracle APEX applications As a Rapid Application Development framework, Oracle Application Express (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 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 forth covers an APEX-specific protection mechanism Addresses the security issues that can arise, demonstrating secure application design Examines the most common class of vulnerability that allows attackers to invoke actions on behalf of other users and access sensitive data The lead-by-example approach featured in this critical book teaches you basic "hacker" skills in order to show you how to validate and secure your APEX applications.

**Oracle Application Express 3.2** - Arie Geller 2010-06-01

Developing data-centric web applications can be a real challenge as it is a multi-disciplinary process. There are many technologies involved in the client side (HTML, CSS, JavaScript, and so on); the interaction with the database, on the server side; the typeless nature of the web environment; and above all, the need to put it all together. This needs to be done in a manner that will allow the end users to do their job in the simplest and most efficient way, while enriching their user experience. How often have you wished that developing such applications could be uncomplicated and straightforward? This book will show you that it's possible, and teaches you how to do it, using Oracle Application Express (APEX). With this practical guide to APEX, you'll learn how to easily develop data-centric web applications for the Oracle environment. The book covers the development cycle of an APEX application, reviewing the

major APEX principles and building blocks chapter by chapter. It starts with the basic skills you need to get going when developing with APEX. Later, you will learn advanced issues, such as how to build tailor-made forms and reports, using APEX APIs, AJAX, and so on. It not only deals with the "How" but also with the "Why", and before long you will be able to understand APEX concepts, and use them to expand and enhance the built-in features, wizards, and tools. The book starts with the design phase, including building the necessary database objects infrastructure; continues with ways to implement the application logic (on the server side) and the User Interface (on the client side), whilst showing you how to enhance your applications' features and functionality according to your specific needs; and it ends with application deployment. The book emphasizes and clearly documents areas such as Globalization, Localization, and developing multi-lingual applications, and includes a special discussion about Right-To-Left (RTL) support for APEX applications, documented here for the first time. Throughout the book, there are many screenshots and snippets of code, taken from working APEX applications. The book is accompanied by demo APEX applications that you can download and install in your APEX environment, thoroughly analyze, and learn from as you read the book.

[Oracle Apex 18.1 for Beginners](#) - Riaz Ahmed 2018-07-22

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! [Hands-On Oracle Database 10g Express Edition for Linux](#) - Steve Bobrowski 2010-08-17

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

**Cloud Computing Using Oracle Application Express** - Riaz Ahmed 2018-11-28

Get the domain knowledge you 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 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 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.