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[High-Performance Oracle](#) Nov 24 2019 "Geoff Ingram has met the challenge of presenting the complex process of managing Oracle performance. This book can support every technical person looking to resolve Oracle8i and Oracle9i performance issues." - Aki Ratner, President, Precise Software Solutions Ensuring high-performance and continuous availability of Oracle software is a key focus of database managers. At least a dozen books address the subject of "performance tuning"-- that is, how to fine-tune the Oracle database for its greatest processing efficiency. Geoff Ingram argues that this approach simply isn't enough. He believes that performance needs to be addressed right from the design stage, and it needs to cover the entire system--not just the database. High-Performance Oracle is a hands-on book, loaded with tips and techniques for ensuring that the entire Oracle database system runs efficiently and doesn't break down. Written for Oracle developers and DBAs, and covering both Oracle8i and Oracle9i, the book goes beyond traditional performance-tuning books and covers the key techniques for ensuring 24/7 performance and availability of the complete Oracle system. The book provides practical solutions for: \* Choosing physical layout for ease of administration and efficient use of space \* Managing indexes, including detecting unused indexes and automating rebuilds \* SQL and system tuning using the powerful new features in Oracle9i/Release 2 \* Improving SQL performance without modifying code \* Running Oracle Real Application Clusters (RAC) for performance and availability \* Protecting data using Recover Manager (RMAN), and physical standby databases The companion Web site provides the complete source code for examples in the book, updates on techniques, and additional documentation for optimizing your Oracle system.

[Oracle9i PL/SQL](#) Apr 10 2021 Developers using PL/SQL 9i as an environment for corporate applications will find detailed technical information and practical tips in Lakshman's book.

[Oracle SQL Developer](#) Sep 27 2022 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.

[Oracle Developer Advanced Forms & Reports](#) Jun 12 2021 This unique guide contains an invaluable discussion of actual Forms and Reports standards used to create production systems.

[ODP.NET Developer's Guide](#) Aug 22 2019

[Oracle Database 10g Express Edition PHP Web Programming](#) Oct 24 2019 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]

[Beginning Oracle SQL for Oracle Database 18c](#) Sep 22 2019 Start developing with Oracle SQL. This book is a one-stop introduction to everything you need to know about getting started developing an Oracle Database. You'll learn about foundational concepts, setting up a simple schema, adding data, reading data from the database, and making changes. No experience with databases is required to get started. Examples in the book are built around Oracle Live SQL, a freely available, online sandbox for practicing and experimenting with SQL statements, and Oracle Express Edition, a free version of Oracle Database that is available for download. A marquee feature of Beginning Oracle SQL for Oracle Database 18c is the small chapter size. Content is divided into easily digestible chunks that can be read and practiced in very short intervals of time, making this the ideal book for a busy professional to learn from. Even just a 15-20 minute block of free time can be put to good use. Author Ben Brumm begins by helping you understand what a database is, and getting you set up with a sandbox in which to practice the SQL that you are learning. From there, easily digestible chapters cover, point-by-point, the different aspects of writing queries to get data out of a database. You'll also learn about creating tables and getting data into the database. Crucial topics such as working with nulls and writing analytic queries are given the attention they deserve, helping you to avoid pitfalls when writing queries for production use. What You'll Learn Create, update, and delete tables in an Oracle database Add, update, delete data from those database tables Query and view data stored in your database Manipulate and transform data using in-built database functions and features Correctly choose when to use Oracle-specific syntax and features Who This Book Is For Those new to Oracle who are planning to develop software using Oracle as the back-end data store. The book is also for those who are getting started in software development and realize they need to learn some kind of database language. Those who are learning software development on the side of their normal job, or learning it as a college student, who are ready to learn what a database is and how to use it also will find this book useful.

[Oracle Developer/2000 Handbook](#) Dec 18 2021 This book/disk set provides practical experience and examples for developing real-world applications using Oracle's Cooperative Development Environment. The book complements Oracle's documentation by presenting what developers really need to know to effectively produce a complete application, without deluging them with esoteric information.

[ORACLE DATABASE 12C HANDS-ON SQL AND PL/SQL](#) Feb 26 2020 The book teaches the basics of the Oracle database from a beginner's perspective to the advanced concepts using a hands-on approach. Each and every concept has been elaborated with suitable practical examples along with code for clear and precise understanding of the topic. Using a practical approach, this new edition of the book covers the detailed introspection of pluggable databases and explains practically the various new features incorporated in the new 12c version. It also explains how to retrieve, add, update and delete data in the Oracle database using SQL, SQL\*PLUS and PL/SQL. In the process, it discusses the various data types and built-in functions of Oracle, as well as the sorting of records and the table operations. The text also includes coverage of advanced queries using special operators, Oracle security, indexing, and stored functions and procedures. The book is suitable for undergraduate engineering students of Computer Science and Information Technology, B.Sc. (Computer Science/IT), M.Sc. (Computer Science/IT) and students of Computer Applications (BCA, MCA, PGDCA, and DCA). Besides, the book can be used as a reference by professionals pursuing short-term courses on Oracle Database and students of Oracle Certified Courses. KEY FEATURES • Based on latest Oracle Database 12c: It explains the various features introduced with the new Oracle Database 12c software. • Hands-on methodology: Its objective is to impart practical skills using hands-on methodology. • Elaborate Practical Examples: Each topic begins with appropriate theory and concept followed by relevant examples for better understanding of the concepts. • Commands tested and executed on Oracle Database software: All the programming examples have been tested on actual Oracle Database software.

[Pro ODP.NET for Oracle Database 11g](#) Mar 29 2020 This book is a comprehensive and easy-to-understand guide for using the Oracle Data Provider (ODP) version 11g on the .NET Framework. It also outlines the core GoF (Gang of Four) design patterns and coding techniques employed to build and deploy high-impact mission-critical applications using advanced Oracle database features through the ODP.NET provider. The book details the features of the ODP.NET provider in two main sections: "Basic," covering the basics and mechanisms for data access via ODP.NET; and "Advanced," covering advanced Oracle features such as globalization, savepoints, distributed transactions and how to call them via ODP.NET, advanced queuing (AQ), and promotable transactions. It takes you from the ground up through different implementation scenarios via a rich collection of C# code samples. It outlines database security and performance optimization tricks and techniques on ODP.NET that conform to best practices and adaptable design. Different GoF design patterns are highlighted for different types of ODP.NET usage scenarios with consideration of performance and security. It provides a comprehensive guide to the synergistic integration of Oracle and Microsoft technologies such as the Oracle Developer Tools for Visual Studio (11.1.0.7.10). It also details how programmers can make use of ODT to streamline the creation of robust ODP.NET applications from within the Visual Studio environment.

[Oracle PL/SQL Programmierung](#) Dec 06 2020

[Blockchain Across Oracle](#) Jan 27 2020 Learn what the Blockchain is, what the differences between available blockchain platforms are, how to work with Oracle's Blockchain Cloud Service, and how Blockchain can change the direction of your Oracle work and the focus of your customers. Key Features A professional orientation of the Blockchain for Oracle developers and customers Learn what the Blockchain is and how it will affect for you and your customers Learn how blockchain will disrupt traditional cross-organizational applications Implement your own Blockchain on Oracle and develop your first smart contract Industry directions of the Blockchain to help you decide where to develop your skills Book Description Blockchain across Oracle gives you the professional orientation to Blockchain that you need as an Oracle developer in today's changing world. Written and prepared for you by Oracle Developer Champion Robert van Mülken, this book gets you up to speed with the details of the Blockchain - core concepts, how to implement Oracle's Blockchain Cloud Service, industry implications for the Blockchain, and how the Blockchain will affect your Oracle customers. Robert van Mülken introduces you to the history and concepts of the Blockchain. You'll really get to understand the Blockchain inside and out, as an Oracle developer or solution architect. You'll understand the Blockchain flow, and how the hashes and chains create a new decentralized paradigm for you as an Oracle developer. You'll gain insights into how the Blockchain affects Oracle developers and customers in this modern and disruptive era. You'll see how the Blockchain concepts work in this new world where Assets, Transactions, Security, and Privacy, can all be sustained across a decentralized system for your customers. Then you'll find a detailed look at the cutting-edge Oracle middleware solutions. You'll learn about

Hyperledger Fabric, the opensource Blockchain framework used by Oracle as its core, and how to set up your own Oracle Blockchain Network. You'll design and develop a smart contract, and learn how to run it on the Oracle Blockchain Cloud Service. The final part of the book looks at how the Blockchain will affect your customers across various industry sectors. By studying industry trends in the financial services sector, healthcare industry, and the transport industry, you'll discover how the options and possibilities for you and your clients are being transformed by the Blockchain across Oracle. You'll complete this professional orientation by looking at Blockchain trends and future directions. What you will learn A full introduction to the Blockchain How the Blockchain affects Oracle developers and customers Core concepts including blocks, hashes, and chains, assets, transactions, and consensus How to work with Oracle Cloud to implement a Blockchain Network Design, develop, and run smart contracts on the Oracle Blockchain Cloud Service Blockchain security and privacy for Oracle developers and clients Public and private Blockchain decisions for Oracle architects and developers Industry analysis across finance, governance, and healthcare sectors Industry trends and the future of the Blockchain technology Who this book is for This book is a professional orientation for all Oracle developers, solution architects, and decisions makers involved in Oracle system and future development.

**ODP.NET Developers Guide** Nov 17 2021 A practical guide for developers working with the Oracle Data Provider for .NET and the Oracle Developer Tools for Visual Studio 2005

**Oracle PL/SQL Programming** Mar 09 2021 Written by one of the world's leading experts on the Oracle PL/SQL language, this text offers extensive exercises in all skill levels covering major features of the language. Also provides a primer to the PL/SQL language.

**Oracle SQL by Example** Apr 29 2020 The World's #1 Hands-On Oracle SQL Workbook--Fully Updated for Oracle 11g Crafted for hands-on learning and tested in classrooms worldwide, this book illuminates in-depth every Oracle SQL technique you'll need. From the simplest query fundamentals to regular expressions and with newly added coverage of Oracle's powerful new SQL Developer tool, you will focus on the tasks that matter most. Hundreds of step-by-step, guided lab exercises will systematically strengthen your expertise in writing effective, high-performance SQL. Along the way, you'll acquire a powerful arsenal of useful skills--and an extraordinary library of solutions for your real-world challenges with Oracle SQL. Coverage includes 100% focused on Oracle SQL for Oracle 11g, today's #1 database platform--not "generic" SQL! Master all core SQL techniques including every type of join such as equijoins, self joins, and outer joins Understand Oracle functions in depth, especially character, number, date, timestamp, interval, conversion, aggregate, regular expressions, analytical, and more Practice all types of subqueries, such as correlated and scalar subqueries, and learn about set operators and hierarchical queries Build effective queries and learn fundamental Oracle SQL Developer and SQL\*Plus skills Make the most of the Data Dictionary and create tables, views, indexes, and sequences Secure databases using Oracle privileges, roles, and synonyms Explore Oracle 11g's advanced data warehousing features Learn many practical tips about performance optimization, security, and architectural solutions Avoid common pitfalls and understand and solve common mistakes For every database developer, administrator, designer, or architect, regardless of experience!

**Beginning Oracle SQL** Jul 25 2022 Beginning Oracle SQL is your introduction to the interactive query tools and specific dialect of SQL used with Oracle Database. These tools include SQL\*Plus and SQL Developer. SQL\*Plus is the one tool any Oracle developer or database administrator can always count on, and it is widely used in creating scripts to automate routine tasks. SQL Developer is a powerful, graphical environment for developing and debugging queries. Oracle's is possibly the most valuable dialect of SQL from a career standpoint. Oracle's database engine is widely used in corporate environments worldwide. It is also found in many government applications. Oracle SQL implements many features not found in competing products. No developer or DBA working with Oracle can afford to be without knowledge of these features and how they work, because of the performance and expressiveness they bring to the table. Written in an easygoing and example-based style, Beginning Oracle SQL is the book that will get you started down the path to successfully writing SQL statements and getting results from Oracle Database. Takes an example-based approach, with clear and authoritative explanations Introduces both SQL and the query tools used to execute SQL statements Shows how to create tables, populate them with data, and then query that data to generate business results What you'll learn Create database tables and define their relationships. Add data to your tables. Then change and delete that data. Write database queries that generate accurate results. Avoid common traps and pitfalls in writing SQL queries, especially from nulls. Reap the performance and expressiveness of analytic and window functions. Make use of Oracle Database's support for object types. Write recursive queries to query hierarchical data. Who this book is for Beginning Oracle SQL is aimed at developers and database administrators who must write SQL statements to execute against an Oracle database. No prior knowledge of SQL is assumed. Table of Contents 1. Relational Database Systems and Oracle 2. Introduction to SQL and SQL\*Plus, and SQL Developer 3. Data Definition, Part I 4. Retrieval: The Basics 5. Retrieval: Functions 6. Data Manipulation 7. Data Definition, Part II 8. Retrieval: Joins and Grouping 9. Retrieval: Advanced Features 10. Views 11. Automating 12. Object-Relational Features 13. Appendix A - Case Tables 14. Appendix B - Exercise Solutions

**Oracle Web Application Programming for PL/SQL Developers** Dec 26 2019 Learn to use Oracle 9i to build dynamic, data-driven Web sites. Get step-by-step details on creating and deploying Web applications using PL/SQL, HTML, Java, XML, WML, Perl and PHP. This book covers everything users need to know to master Web application development in an Oracle environment - using PL/SQL.

**Oracle Forms Developer's Handbook** Aug 26 2022 Oracle Forms is the single most important tool used to create sophisticated applications for Oracle databases. The latest versions of Oracle Forms have reflected Oracle's Internet-centered strategy, adding powerful capabilities for building Web-centered applications to the product's traditional client/server focus. In Oracle Forms Developer's Handbook, one of the world's leading Oracle developers presents powerful techniques for leveraging Oracle Forms in both web-centered and client/server environments. This is the first Oracle Forms book to reflect the brand-new Version 6i. Oracle Forms Developer's Handbook starts by presenting step-by-step instructions for using every tool in the Forms environment, including the Forms Designer, Object Navigator, and the Layout Editor. Next, learn how to use PL/SQL in Forms applications; master all of the methods and objects available to Forms programmers; and learn how to apply object-oriented programming practices to Forms development, including inheritance, reusability, encapsulation, and polymorphism. Then, walk step-by-step through developing a series of complete, elegant, well-performing Web-based and client/server applications. An accompanying CD-ROM contains all of the book's applications and source code examples, plus all files needed to create and populate sample database objects -- enabling readers to start from any chapter and follow the hands-on activities.

**Oracle PL/SQL Best Practices** Jan 07 2021 In this book, Steven Feuerstein, widely recognized as one of the world's experts on the Oracle PL/SQL language, distills his many years of programming, writing, and teaching about PL/SQL into a set of PL/SQL language "best practices"--rules for writing code that is readable, maintainable, and efficient. Too often, developers focus on simply writing programs that run without errors--and ignore the impact of poorly written code upon both system performance and their ability (and their colleagues' ability) to maintain that code over time. Oracle PL/SQL Best Practices is a concise, easy-to-use reference to Feuerstein's recommendations for excellent PL/SQL coding. It answers the kinds of questions PL/SQL developers most frequently ask about their code: How should I format my code? What naming conventions, if any, should I use? How can I write my packages so they can be more easily maintained? What is the most efficient way to query information from the database? How can I get all the developers on my team to handle errors the same way? The book contains 120 best practices, divided by topic area. It's full of advice on the program development process, coding style, writing SQL in PL/SQL, data structures, control structures, exception handling, program and package construction, and built-in packages. It also contains a handy, pull-out quick reference card. As a helpful supplement to the text, code examples demonstrating each of the best practices are available on the O'Reilly web site. Oracle PL/SQL Best Practices is intended as a companion to O'Reilly's larger Oracle PL/SQL books. It's a compact, readable reference that you'll turn to again and again--a book that no serious developer can afford to be without.

**Oracle APEX Best Practices** May 11 2021 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.

**Advanced Oracle PL/SQL Developer's Guide** Jun 24 2022 Master the advanced concepts of PL/SQL for professional-level certification and learn the new capabilities of Oracle Database 12c About This Book Learn advanced application development features of Oracle Database 12c and prepare for the 1Z0-146 examination Build robust and secure applications in Oracle PL/SQL using the best practices Packed with feature demonstrations and illustrations that will help you learn and understand the enhanced capabilities of Oracle Database 12c Who This Book Is For This book is for Oracle developers responsible for database management. Readers are expected to have basic knowledge of Oracle Database and the fundamentals of PL/SQL programming. Certification aspirants can use this book to prepare for 1Z0-146 examination in order to be an Oracle Certified Professional in Advanced PL/SQL. What You Will Learn Learn and understand the key SQL and PL/SQL features of Oracle Database 12c Understand the new Multitenant architecture and Database In-Memory option of Oracle Database 12c Know more about the advanced concepts of the Oracle PL/SQL language such as external procedures, securing data using Virtual Private Database (VPD), SecureFiles, and PL/SQL code tracing and profiling Implement Virtual Private Databases to prevent unauthorized data access Trace, analyze, profile, and debug PL/SQL code while developing database applications Integrate the new application development features of Oracle Database 12c with the current concepts Discover techniques to analyze and maintain PL/SQL code Get acquainted with the best practices of writing PL/SQL code and develop secure applications In Detail Oracle Database is one of the most popular databases and allows users to make efficient use of their resources and to enhance service levels while reducing the IT costs incurred. Oracle Database is sometimes compared with Microsoft SQL Server, however, Oracle Database clearly supersedes SQL server in terms of high availability and addressing planned and unplanned downtime. Oracle PL/SQL provides a rich platform for application developers to code and build scalable database applications and introduces multiple new features and enhancements to improve development experience. Advanced Oracle PL/SQL Developer's Guide, Second Edition is a handy technical reference for seasoned professionals in the database development space. This book starts with a refresher of fundamental concepts of PL/SQL, such as anonymous block, subprograms, and exceptions, and prepares you for the upcoming advanced concepts. The next chapter introduces you to the new features of Oracle Database 12c, not limited to PL/SQL. In this chapter, you will understand some of the most talked about features such as Multitenant and Database In-Memory. Moving forward, each chapter introduces advanced concepts with the help of demonstrations, and provides you with the latest update from Oracle Database 12c context. This helps you to visualize the pre- and post-applications of a feature over the database releases. By the end of this book, you will have become an expert in PL/SQL programming and will be able to implement advanced concepts of PL/SQL for efficient management of Oracle Database. Style and approach The book follows the structure of the Oracle Certification examination but doesn't restrict itself to the exam objectives. Advanced concepts have been explained in an easy-to-understand style, supported with feature demonstrations and case illustrations.

**Web Development with Oracle Portal** Nov 05 2020 Teaching the reader how to build Web applications using Oracle WebDB 3.0, this text shows how to install the product on NT or Linux, walks through its configuration and capacity planning and shows how that relates to building site components and creating portlets. Included is a CD-ROM.

**Expert PL/SQL Practices** Oct 28 2022 Expert PL/SQL Practices is a book of collected wisdom on PL/SQL programming from some of the best and the brightest in the field. Each chapter is a deep-dive into a specific problem, technology, or feature set that you'll face as a PL/SQL programmer. Each author has chosen their topic out of the strong belief that what they share can make a positive difference in the quality and scalability of code that you write. The path to mastery begins with syntax and the mechanics of writing statements to make things happen. If you've reached that point with PL/SQL, then let the authors of Expert PL/SQL Practices show you how to combine syntax and mechanics with features and techniques to really make the language sing. You'll learn to do more with less effort, to write code that scales and performs well, and to eliminate and avoid defects. These authors are passionate about PL/SQL and the power it places at your disposal. They want you to succeed, to know all that PL/SQL can offer. Let Expert PL/SQL Practices open your eyes to the full power of Oracle's world-class language for the database engine. Goes beyond the manual to cover good techniques and best practices Delivers knowledge usually gained only by hard experience Covers the functionality that distinguishes PL/SQL as a powerful and scalable programming language for deploying logic inside the database engine

**Pro Oracle SQL Development** Jul 13 2021 Write SQL statements that are more powerful, simpler, and faster using Oracle SQL and its full range of features. This book provides a clearer way of thinking about SQL by building sets, and provides practical advice for using complex features while avoiding anti-patterns that lead to poor performance and wrong results. Relevant theories, real-world best practices, and style guidelines help you get the most out of Oracle SQL. Pro Oracle SQL Development is for anyone who already knows Oracle SQL and is ready to take their skills to the next level. Many developers, analysts, testers, and administrators use Oracle databases frequently, but their queries are limited because they do not have the knowledge, experience, or right environment to help them take full advantage of Oracle's advanced features. This book will inspire you to achieve more with your Oracle SQL statements through tips for creating your own style for

writing simple, yet powerful, SQL. It teaches you how to think about and solve performance problems in Oracle SQL, and covers advanced topics and shows you how to become an Oracle expert. What You'll Learn Understand the power of Oracle SQL and where to apply it Create a database development environment that is simple, scalable, and conducive to learning Solve complex problems that were previously solved in a procedural language Write large Oracle SQL statements that are powerful, simple, and fast Apply coding styles to make your SQL statements more readable Tune large Oracle SQL statements to eliminate and avoid performance problems Who This Book Is For Developers, testers, analysts, and administrators who want to harness the full power of Oracle SQL to solve their problems as simply and as quickly as possible. For traditional database professionals the book offers new ways of thinking about the language they have used for so long. For modern full stack developers the book explains how a database can be much more than simply a place to store data.

**Oracle Jet for Developers** Jul 21 2019 Client side JavaScript for enterprise Oracle applications. About This Book Develop resilient and robust client-side applications Explore the power of popular JavaScript libraries such as jQuery, RequireJS, and custom Oracle JavaScript libraries Integrate JavaScript for Oracle developers Easily debug and secure your cloud interfaces Who This Book Is For If you are a web components developer looking to create client-side apps that are resilient and robust using Oracle JET, then this book is the right choice for you. What You Will Learn Use Yeoman or npm to start a new Oracle JET-based project Implement real-world use cases using Oracle JET components Get to know the best practices for Oracle JET web applications Explore Knockout.js, the framework behind Oracle JET Implement a multi-platform app with OJ and Cordova In Detail This book will give you a complete practical understanding of the Oracle JavaScript Extension Toolkit (JET) and how you can use it to develop efficient client-side applications with ease. It will tell you how to get your own customized Oracle JET set up. You'll start with individual libraries, such as jQuery, Cordova, and Require.js. You'll also get to work with the JavaScript libraries created by Oracle, especially for cloud developers. You'll use these tools to create a working backend application with these libraries. Using the latest Oracle Alta UI, you'll develop a state-of-the-art backend for your cloud applications. You'll learn how to develop and integrate the different cloud services required for your application and use other third-party libraries to get more features from your cloud applications. Toward the end of the book, you'll learn how to manage and secure your cloud applications, and test them to ensure seamless deployment. Style and approach This book will have a practical step by step approach where every step of application development will be explained in detail with code samples. Downloading the example code for this book. You can download the example code files for all Packt books you have purchased from your account at <http://www.PacktPub.com>. If you purchased this book elsewhere, you can visit <http://www.PacktPub.com/support> and register to have the code file.

**Learning Oracle PL/SQL** Sep 15 2021 PL/SQL, Oracle's programming language for stored procedures, delivers a world of possibilities for your database programs. PL/SQL supplements the standard relational database language, SQL, with a wide range of procedural features, including loops, IF-THEN statements, advanced data structures, and rich transactional control--all closely integrated with the Oracle database server. Knowing where to start with Oracle's procedural language is not always obvious to a newcomer, especially considering the language's feature set and the sheer size of the official documentation (not to mention Oracle's ever-increasing number of pre-built PL/SQL programs). But Learning Oracle PL/SQL offers the signposts and guidance you need to come up to speed on the language, delivered in a manageable number of pages while covering all the essentials. Topics include: PL/SQL--what is it, and why use it? Why use PL/SQL instead of Java? Syntax and examples of all core language constructs Creating, using, and reusing stored procedures, functions, and packages Building web-based applications using PL/SQL features available "out of the box" (such as PL/SQL Server Pages) Securing PL/SQL programs against attack Benefits of third-party developer tools and integrated development environments Connecting PL/SQL to email, Java, and the Internet Meticulously crafted with all-new examples downloadable from [examples.oreilly.com/learnoracle](http://examples.oreilly.com/learnoracle), the book addresses language features available in all versions of Oracle, from Oracle7 to Oracle8i to Oracle9i. Learning Oracle PL/SQL was written by PL/SQL experts Bill Pribyl and Steven Feuerstein, whose easy-to-read style and attention to detail has made other O'Reilly books (such as the bestselling Oracle PL/SQL Programming) very popular among Oracle developers worldwide. Learning Oracle PL/SQL is meant for a wide range of target audiences, including both beginning programmers and those already experienced with other programming languages. Whether you are a new developer, a crossover programmer from another database system, or a new database administrator who needs to learn PL/SQL, this book will get you well on your way. It is the perfect introduction to Oracle PL/SQL Programming, also by Pribyl and Feuerstein.

**Oracle Advanced PL/SQL Developer Professional Guide, Second Edition** Jun 19 2019 Master the advanced concepts of PL/SQL for professional-level certification and learn the new capabilities of Oracle Database 12c About This Book- Learn advanced application development features of Oracle Database 12c and prepare for the 1Z0-146 examination- Build robust and secure applications in Oracle PL/SQL using the best practices- Packed with feature demonstrations and illustrations that will help you learn and understand the enhanced capabilities of Oracle Database 12c Who This Book Is For This book is for Oracle developers responsible for database management. Readers are expected to have basic knowledge of Oracle Database and the fundamentals of PL/SQL programming. Certification aspirants can use this book to prepare for 1Z0-146 examination in order to be an Oracle Certified Professional in Advanced PL/SQL. What You Will Learn- Learn and understand the key SQL and PL/SQL features of Oracle Database 12c- Understand the new Multitenant architecture and Database In-Memory option of Oracle Database 12c- Know more about the advanced concepts of the Oracle PL/SQL language such as external procedures, securing data using Virtual Private Database (VPD), SecureFiles, and PL/SQL code tracing and profiling- Implement Virtual Private Databases to prevent unauthorized data access- Trace, analyze, profile, and debug PL/SQL code while developing database applications- Integrate the new application development features of Oracle Database 12c with the current concepts- Discover techniques to analyze and maintain PL/SQL code- Get acquainted with the best practices of writing PL/SQL code and develop secure applications In Detail Oracle Database is one of the most popular databases and allows users to make efficient use of their resources and to enhance service levels while reducing the IT costs incurred. Oracle Database is sometimes compared with Microsoft SQL Server, however, Oracle Database clearly supersedes SQL server in terms of high availability and addressing planned and unplanned downtime. Oracle PL/SQL provides a rich platform for application developers to code and build scalable database applications and introduces multiple new features and enhancements to improve development experience. Advanced Oracle PL/SQL Developer's Guide, Second Edition is a handy technical reference for seasoned professionals in the database development space. This book starts with a refresher of fundamental concepts of PL/SQL, such as anonymous block, subprograms, and exceptions, and prepares you for the upcoming advanced concepts. The next chapter introduces you to the new features of Oracle Database 12c, not limited to PL/SQL. In this chapter, you will understand some of the most talked about features such as Multitenant and Database In-Memory. Moving forward, each chapter introduces advanced concepts with the help of demonstrations, and provides you with the latest update from Oracle Database 12c context. This helps you to visualize the pre- and post-applications of a feature over the database releases. By the end of this book, you will have become an expert in PL/SQL programming and will be able to implement advanced concepts of PL/SQL for efficient management of Oracle Database. Style and approach The book follows the structure of the Oracle Certification examination but doesn't restrict itself to the exam objectives. Advanced concepts have been explained in an easy-to-understand style, supported with feature demonstrations and case illustrations.

**Oracle PL/SQL Programming** Aug 14 2021 The authors have revised and updated this bestseller to include both the Oracle8i and new Oracle9i Internet-savvy database products.

**Oracle SQL Developer 2.1** Mar 21 2022 Design and Develop Databases using Oracle SQL Developer and its feature-rich, powerful user-extensible interface with this book and eBook.

**Toad Pocket Reference for Oracle** May 31 2020 Toad is an enormously popular interactive environment tool for Oracle development and administration. It allows developers to build, test, debug, and format their code via an easy-to-use graphical user interface, available in both freeware and commercial versions. Toad makes developers far more productive; using Toad, you'll find that program changes that once took hours can now be completed in minutes. Toad allows developers to browse their database tables, procedures, and object types; use code templates; and show errors. It also simplifies database administration by providing a way for DBAs to graphically browse and change database characteristics. Updated for Toad Versions 8.0 and 8.5, this pocket book is packed with quick-reference material: Toad feature and menu summaries, shortcut keys, suggested changes to Toad defaults, productivity tips and tricks, and more. The book includes concise discussions of all the basic Toad components: the SQL Editor, Procedure Editor, SQL Modeler, Schema Browser, Project Manager, and Debugger. The second edition includes coverage of new SQL Editor features, improvements in usability, and new tools such as CodeXpert (a robust code analyzer and advisor) and Script Debugger (the only tool available that provides real-time debugging of SQL\*Plus scripts). It also provides helpful hints on using Toad to perform database administration and SQL tuning and optimization. Whether you're a new or experienced Toad user, you'll find this quick reference an indispensable companion to the product and its online help files.

**Programming with Oracle Developer** Apr 22 2022 Programming with Oracle Developer is packed with expert advice, detailed explanations, and complete solutions that show you how to produce robust, precise, Internet-ready applications for developers. You'll get step-by-step guidance from prototyping through delivering a high-powered Internet application. After reading this book, the reader will understand the nuts and bolts of building applications, including how to choose an appropriate application development life cycle Master design and prototyping issues including the new wizards and GUI design features of Developer forms, reports, and graphics Extend the reusability and optimize the security of your applications Deploy Internet applications and integrate them with other tools Create robust, Web-enabled Oracle applications

**Oracle Quick Guides - Part 1 - Oracle Basics: Database & Tools** Jan 19 2022 This is part 1 of a series of Quick learning guides for Oracle professionals. Part 1 introduces completely new entrants to the Oracle environment about Relational principles and history, the background of Oracle, Oracle products, Oracle database architecture, installation, Oracle and 3rd party database tools and it provides a glossary of basic Oracle terminology and what it means.

**Oracle Developer Critical Questions Skills Assessment** Aug 02 2020 Are upgrade kits available for individual applications or the complete application pack? Does an Oracle Cloud infrastructure subscription include Oracle Linux extended support? Does the customer have a your Oracle Support account to register Auto Service Request? How do you run centralized IT services to support multiple departments and departments? How will oracle continue to support and broaden relationships with virtual iron partners? Is the source of the information from the individual or is it taken from another source? What automated service request support is provided for Oracle Premier Support customers? What happens if the information changes after you share it with an external recipient? What information exchanges will best support a given business objective or capability? Where do you find information about the Lifetime Support policies for EPM System products? This Oracle Developer Guide is unlike books you're used to. If you're looking for a textbook, this might not be for you. This book and its included digital components is for you who understands the importance of asking great questions. This gives you the questions to uncover the Oracle Developer challenges you're facing and generate better solutions to solve those problems. Defining, designing, creating, and implementing a process to solve a challenge or meet an objective is the most valuable role... In EVERY group, company, organization and department. Unless you're talking a one-time, single-use project, there should be a process. That process needs to be designed by someone with a complex enough perspective to ask the right questions. Someone capable of asking the right questions and step back and say, 'What are we really trying to accomplish here? And is there a different way to look at it?' This Self-Assessment empowers people to do just that - whether their title is entrepreneur, manager, consultant, (Vice-)President, CxO etc... - they are the people who rule the future. They are the person who asks the right questions to make Oracle Developer investments work better. This Oracle Developer All-Inclusive Self-Assessment enables You to be that person. INCLUDES all the tools you need to an in-depth Oracle Developer Self-Assessment. Featuring new and updated case-based questions, organized into seven core levels of Oracle Developer maturity, this Self-Assessment will help you identify areas in which Oracle Developer improvements can be made. In using the questions you will be better able to: Diagnose Oracle Developer projects, initiatives, organizations, businesses and processes using accepted diagnostic standards and practices. Implement evidence-based best practice strategies aligned with overall goals. Integrate recent advances in Oracle Developer and process design strategies into practice according to best practice guidelines. Using the Self-Assessment tool gives you the Oracle Developer Scorecard, enabling you to develop a clear picture of which Oracle Developer areas need attention. Your purchase includes access to the Oracle Developer self-assessment digital components which gives you your dynamically prioritized projects-ready tool that enables you to define, show and lead your organization exactly with what's important.

**Oracle Developer 6i** Feb 08 2021

**Expert Oracle Application Express** Sep 03 2020 Expert Oracle Application Express brings you groundbreaking insights into developing with Oracle's enterprise-level, rapid-development tool from some of the best practitioners in the field today. Oracle Application Express (APEX) is an entirely web-based development framework that is built into every edition of Oracle Database. The framework rests upon Oracle's powerful PL/SQL language, enabling power users and developers to rapidly develop applications that easily scale to hundreds, even thousands of concurrent

users. The 13 authors of Expert Oracle Application Express build their careers around APEX. They know what it takes to make the product sing—developing secure applications that can be deployed globally to users inside and outside a large enterprise. The authors come together in this book to share some of their deepest and most powerful insights into solving the difficult problems surrounding scalability, globalization, configuration and lifecycle management, and more. You'll learn about debugging and performance, deep secrets to customizing your application user interface, how to secure applications from intrusion, and about deploying globally in multiple languages. Expert Oracle Application Express is truly a book that will move you and your skillset a big step towards the apex of Application Express development. Presents best-practices and development insights from leading experts in the field Addresses globalization, scalability, security, and other concerns of enterprise-level development Shows how to customize APEX for your own application needs

**Oracle Embedded Programming and Application Development** Oct 16 2021 Focusing on tried and true best practice techniques in cross-technology based Oracle embedded programming, this book provides authoritative guidance for improving your code compilation and execution. Geared towards IT professionals developing Oracle-based Web-enabled applications in PL/SQL, Java, C, C++, .NET, Perl, and PHP, it covers application development from concepts to customization, following a pragmatic approach to design, coding, testing, deployment, and customization—explaining how to maximize embedded programming practices. Oracle Embedded Programming and Application Development explains application development frameworks using 3GL and 4GL high-level language code as embedded code segments across .NET, Java, and Open Source technologies, in conjunction with SQL and/or PL/SQL and the Oracle RDBMS through version 11gR2. It also: Features pluggable code using parameterized constructs to promote code reuse Explains when to use a particular embedded language as a best fit for specific applications Highlights design considerations that reduce the probability of errors, enable quick resolution, and boost performance in terms of enabling a Fast-Actionable-Synchronized-Tested (FAST) solution implementation Provides best practice techniques that can enhance any application development code-design methodology for a better, easier, faster, cheaper, and pervasive solution that in turn helps achieve a Better Business Benefit (B-B-B) This practical guide details techniques for constructing architecture and code design methodologies for live application development projects that can be generalized and standardized as application development and code design frameworks. Cover to cover, the text provides an understanding of how the designed, developed, and deployed solutions conform to emerging and next-generation trends. It also discusses the conformance and usage of Web 2.0-based RIA functionality and regulatory compliance practices involving auditing and security. Praise for: "Taking an Oracle-centric approach, Lakshman skillfully guides you through the maze of various popular programming languages and environments including .NET, C/C++, Perl, PHP, Java, and even SQL and PL/SQL - not only showing you how they interact with Oracle but also which language is the best fit for a given situation." --John Kanagaraj, Executive Editor, IOUG SELECT Journal

**Oracle PL/SQL Built-ins Pocket Reference** Feb 20 2022 This pocket reference provides quick-reference information that will help you use Oracle Corporation's extensive set of built-in functions and packages, including those new to Oracle8. Oracle's PL/SQL language is a programming language providing procedural extensions to the SQL relational database language and to an ever-growing number of Oracle development tools. Among the most useful constructs in the PL/SQL language are the built-in functions and packages. Built-in functions are constructs that operate on certain types of data (e.g., numeric, character) to return a result. By using functions, you can minimize the coding you need to do in your programs. Functions are described in detail in Steven Feuerstein's Oracle PL/SQL Programming; this comprehensive guide to building applications with PL/SQL has become the bible for PL/SQL developers who have raved about its completeness, readability, and practicality. Built-in functions fall into several major categories: Character functions: Operate on character data. Examples include CONCAT (concatenates two strings into one), LENGTH (returns the length of a string), and REPLACE (replaces a character sequence in a string with a different set of characters). Date functions: Operate on dates and supplement the DATE datatype. Examples include SYSDATE (returns the current date and time in the Oracle Server) and LAST\_DAY (returns the last day in the month of the specified date). Numeric functions: Operate on numeric data. Examples include CEIL (returns the smallest integer greater than or equal to the specified number) and POWER (returns a number raised to a particular power). LOB functions: Operate on large object data. Examples include EMPTY\_BLOB (returns an empty locator of the binary large object type) and EMPTY\_CLOB (returns an empty locator of the character large object type). Conversion functions: Perform explicit conversions of different types of data. Examples include TO\_CHAR (converts a number or date to a string) and TO\_NUMBER (converts a string to a number). Miscellaneous functions. Examples include GREATEST (returns the greatest of the specified list of values) and UID (returns the user ID of the current Oracle session). Built-in packages (collections of PL/SQL objects, such as functions, procedures, and data structures) greatly expand the scope of the PL/SQL language. These packages are described in detail in Feuerstein's and Beresiewicz's book, Oracle Built-in Packages. Built-in packages are built by Oracle Corporation and stored directly in the Oracle database. The functionality of the built-ins is available from any programming environment that can call PL/SQL stored procedures, including Visual Basic, Oracle Developer/2000, Oracle Application Server (for Web-based development), and, of course, the Oracle database itself. Built-in packages extend the capabilities and power of PL/SQL in many significant ways. For example: DBMS\_SQL executes dynamically constructed SQL statements and PL/SQL blocks of code. DBMS\_PIPE communicates between different Oracle sessions through a pipe in the RDBMS shared memory. DBMS\_JOB submits and manages regularly scheduled jobs for execution inside the database. DBMS\_LOB accesses and manipulates Oracle8's large objects (LOBs) from within PL/SQL programs. The book shows how to call all of the commonly used built-in functions and packages. For packages, it also shows the RESTRICT REFERENCES pragmas (needed if you call packages from a SQL statement), as well as the exceptions, constants, and data structures defined in the packages.

**Oracle Built-in Packages** May 23 2022 A complete reference to the accelerated programming tools built into the PL/SQL language, including those new to Oracle 8, is paired with a diskette providing easy access to the source code and document files developed by the authors. Original. (Advanced).

**Beginning Oracle Application Express 4.2** Oct 04 2020 Revision of: Beginning Oracle Application Express 4. 2011.

**Oracle Scripts** Jul 01 2020 A collection of sample scripts accompanied by a CD-ROM enables database administrators and developers who use Oracle to perform such tasks as monitoring databases, protecting against data loss, and improving security and performance. Original. (Advanced).

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