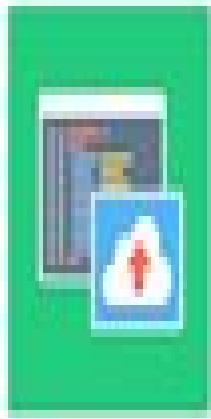
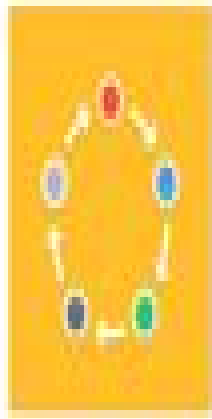




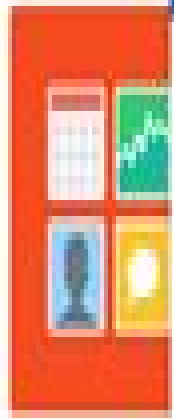
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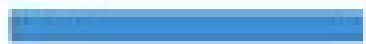
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36



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# Oracle Application Express Documentation

**John Scott, Scott Spendolini**



## **Oracle Application Express Documentation:**

**Expert Oracle Application Express** Doug Gault, Dimitri Gielis, Martin DSouza, Roel Hartman, Raj Mattamal, Sharon Kennedy, Denes Kubicek, Michael Hichwa, Dan McGhan, John Scott, Anton Nielsen, Francis Mignault, Jorge Rimblas, Nick Buytaert, Karen Cannell, David Peake, Christoph Ruepprich, Tom Petrus, 2015-08-20 Expert Oracle Application Express 2nd Edition is newly updated for APEX 5.0 and brings deep insight from some of the best APEX practitioners in the field today. You'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**

**Administration** Francis Mignault, Luc Demanche, 2016-10-22 Succeed in managing Oracle Application Express APEX environments. This book focuses on creating the right combination of scalability, high availability, backup and recovery, integrity and resource control. The book covers everything from simple to enterprise-class deployments with emphasis on enterprise-level requirements and coverage of cloud and hybrid cloud scenarios. Many books cover how to develop applications in Oracle APEX. It's a tool with a fast-growing user base as developers come to know how quick and easy it is to create new applications that run in a browser. However, just getting an application off the ground is only a small part of a bigger picture. Applications must be supported. They must be available when users need them. They must be robust against disaster and secure against malicious attack. These are the issues addressed in Oracle Application Express Administration. These are the issues that when tackled successfully lead to long-term success in using Oracle APEX as a rapid application development toolset. Readers of this book learn how to install the Oracle APEX engine in support of small-scale projects such

as at the departmental level and in support of enterprise level projects accessed by thousands of users across dozens of time zones Readers learn to take advantage of Oracle Database s underlying feature set in regards to application scalability and performance integrity security high availability and robustness against failure and data loss Oracle Application Express Administration also describes different cloud solutions integration with Oracle E Business Suite and helps in taking advantage of multitenancy in Oracle Database 12c and beyond Covers important enterprise considerations such as scalability robustness high availability Describes cloud based application deployment scenarios Focuses on creating the right deployment environment for long term success What You Will Learn Install upgrade and configure robust APEX environments Back up and recover APEX applications and their data Monitor and tune the APEX engine and its applications Benefit from new administration features in APEX 5 0 Run under multi tenant architecture in Oracle Database 12c Manage the use of scarce resources with Resource Manager Secure your data with advanced security features Build high availability into your APEX deployments Integrate APEX with Oracle E Business Suite Who This Book Is For Architects administrators and developers who want to better understand how APEX works in a corporate environment Readers will use this book to design deployment architectures around Oracle Database strengths like multi tenancy resource management and high availability The book is also useful to administrators responsible for installation and upgrade backup and recovery and the ongoing monitoring of the APEX engine and the applications built upon it

#### **Beginning Oracle Application Express 4**

Doug Gault,Karen Cannell,Patrick Cimolini,Timothy St Hilaire,Martin DSouza,2011-07-14 Beginning Oracle Application Express 4 introduces one of the most talked about development platforms to come out of Oracle Corporation in years Oracle Application Express called APEX for short enables rapid and easy development of web based applications that make full use of Oracle Database The release of APEX 4 brings a huge leap forward in terms of functionality and usability for both the developer and the end user Power users and programmers alike can quickly put together robust and scalable applications for use by one person by a department by an entire company Whether you re new to Oracle or an old hand who s yet to test the waters of APEX Beginning Oracle Application Express 4 introduces the processes and best practices you ll need to become proficient with APEX The book shows off the programming environment the utilities and tools available and then continues by walking through the process of building a working system from the ground up While the book assumes a foundational knowledge of SQL and PL SQL all code used is documented and explained so that those new to the languages will not be lost Covers brand new functionality in APEX 4 Provides fully documented and explained example code Guides you through creating a working and fully deployable application

#### **Expert Oracle Application Express**

John Scott,Doug Gault,Raj Mattamal,Anton Nielsen,Martin DSouza,Dimitri Gielis,Roel Hartman,Francis Mignault,Dietmar Aust,Michael Hichwa,Denes Kubicek,Dan McGhan,Sharon Kennedy,2011-08-04 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 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     *Beginning Oracle Application Express 4.2* Doug Gault,Karen Cannell,Patrick Cimolini,Martin D'Souza,Timothy St Hilaire,2013-03-25 Revision of Beginning Oracle Application express 4 2011     **Agile Oracle Application Express** Patrick Cimolini,Karen Cannell,2012-06-12 Agile Oracle Application Express shows how skilled motivated and self organizing developers can realize extraordinary commercial benefits from Oracle Application Express The secret is to couple Application Express with an agile software development approach This book leads the way Oracle Application Express is well suited to agile processes with its support for rapid prototyping and team development Application Express supports a gamut of enabling technologies such as SQL HTML CSS JavaScript and more that enable you to deliver any type of web application to meet your development needs Agile Oracle Application Express helps you take the feature set of Application Express and marry it with the processes of agile development to iteratively design create and deliver quality applications on time and within budget     **Oracle Application Express by Design** Patrick Cimolini,2017-11-01 Learn the many design decisions that must be made before starting to build a large Oracle Application Express APEX application for the cloud or enterprise One of APEX s key strengths is the fact that it is a Rapid Application Development RAD tool This is also a major weakness when it tempts developers to start coding too soon Small applications that consist of tens of pages can be coded without a lot of design work because they can be re factored quickly when design flaws are discovered Design flaws in large cloud and

enterprise applications that consist of hundreds or thousands of pages are not so easy to re factor due to the time needed to redevelop and retest the application not to mention the risk of breaking functionality in subtle ways Designing a large application before coding starts is a profitable exercise because a thoughtful design goes a long way in mitigating cost overruns and schedule slippage while simultaneously enhancing quality This book takes into account perspectives from other non developer stakeholders such as maintenance developers business analysts testers technical writers end users and business owners Overlooking these perspectives is one of the chief causes of expensive rework late in the development cycle Oracle Application Express by Design illustrates APEX design principles by using architecture diagrams screen shots and explicit code snippets to guide developers through the many design choices and complex interrelationship issues that must be evaluated before embarking on large APEX projects This book Guides you through important up front APEX design decisions Helps you to optimize your design by keeping all stakeholders in mind Explicit code examples show how design impacts cost schedule and quality What You Will Learn Pick and choose from the list of designs before coding begins Bake optimal quality into the underlying fabric of an APEX application Think and design from outside the developer s narrow perspective Optimize APEX application designs to satisfy multiple stakeholder groups Evaluate design options through hands on explicit code examples Define and measure success for large cloud and enterprise APEX applications Who This Book Is For APEX developers and development teams

**Expert Oracle Application Express Plugins** Martin DSouza,2012-01-12 Expert Oracle Application Express Plugins is your go to book on the groundbreaking plugin architecture introduced in Oracle Application Express 4.0 Using the new APEX functionality you can create well packaged documented reusable components and reliably leverage your coding investments across many applications Components you create can define new item and region types specify validation processes and present dynamic actions to client applications You can design innovative and colorful ways to display information such as displaying the temperature using an image of a thermometer or displaying sales velocity in the form of an automotive speedometer The new plugin architecture is sure to create a tidal wave of creativity Author Martin D Souza shows everything you need to know to get started in building and deploying plugins of your own design You ll learn the underlying architecture including the APIs used to tie your plugins seamlessly into an Application Express environment You ll learn about the different types of plugins and you ll walk through examples of each to ensure that you can create the right type of plugin when you need it Finally Expert Oracle Application Express Plugins shows how to work as part of the larger Application Express community by leveraging that community s efforts and by giving back as you deploy your own plugins to the broad audience of Application Express developers Presents the architecture and APIs available for customizing Application Express Gives clear examples of plugin development for each type of plugin Helps you work as part of the broader community of plugin developers

**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.

**Pro Oracle Application Express** John Scott, Scott Spendolini, 2008-10-23. Application Express or APEX is one of the most innovative products to come out of Oracle in years. APEX is an application development framework for developing database-backed applications. It's easy enough to get started in that power users can quit storing data in random spreadsheets and instead centralize their data in the powerful Oracle database, all without developer help. Developers aren't left out, however. Those who choose to do so can go deep and leverage the full power and flexibility of Oracle's database engine. Getting started with APEX is easy; learning how to take full advantage of APEX is the problem. It was the problem that is until this book came along. In *Pro Oracle Application Express*, authors John Scott and Scott Spendolini open the hood of APEX and expose the full power behind its easy-to-use GUI. They show you what you need to know to produce powerful, professionally polished applications, such as user authentication models, approaches to layout and navigation, how to integrate Ajax, how to deal with localization issues such as time zones and translations, how to customize the look and feel of an APEX web site, and much, much more. The authors are well qualified to write on APEX. John Scott runs ShellPrompt, a hosting service that handles many large-scale APEX applications, some of which he is paid to develop. John is a hard-core APEX developer. His co-author, Scott Spendolini, is one of the original creators of APEX. Both John and Scott now base their full-time careers on developing APEX applications. *Pro Oracle Application Express* is your opportunity to learn APEX from the very best.

**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.

*Oracle Application Express 3.2* Arie

Geller,Matthew Lyon,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

**Pro jQuery in Oracle Application Express** Scott Wesley,2015-11-27 Building on your existing SQL skills this book teaches you how to apply useful jQuery techniques to applications developed using the Oracle Application Express APEX development tool Pro jQuery in Oracle Application Express covers the fundamentals you need to start enhancing your applications with some practical examples that you ll want in your own applications tomorrow jQuery is a framework already utilized by APEX and by learning the basics of jQuery you can leverage the flexible dynamic actions provide and see your applications raise the bar Discover why you should embrace HTML5 CSS and jQuery library capabilities and how they can enhance the user experience Oracle Application Express is a mature browser based rapid development environment with a strong community base around the orclapex tag jQuery is a language for the browser with it you can treat your web page as if it were a database interacting with a range of features and functions that can make you into a more constructive more efficient developer Exemplifies how productive APEX CSS and jQuery can be Transforms your PL SQL skills to CSS and jQuery Provides jQuery snippets to enhance your application UX

**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     [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     *Pro Oracle Application Express 4* Tim Fox,Scott Spendolini,John Scott,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

*Oracle APEX Reporting Tips & Tricks* George Bara,2013-05-02 Take advantage of all the exciting Reporting features of Oracle Application Express 4.2 Designed for a hands on approach this book contains in depth practical guidelines from George Bara a well known Oracle APEX expert and blogger From Classic to Interactive Reports Web Services and PDF Printing Oracle APEX Reporting Tips Tricks is a must have for all database developers that want to make the most out of the Oracle APEX reporting engine

*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

**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

The Top Books of the Year Oracle Application Express Documentation The year 2023 has witnessed a remarkable surge in literary brilliance, with numerous engrossing novels captivating the hearts of readers worldwide. Lets delve into the realm of top-selling books, exploring the captivating narratives that have enthralled audiences this year. Oracle Application Express Documentation : Colleen Hoover's "It Ends with Us" This heartfelt tale of love, loss, and resilience has captivated readers with its raw and emotional exploration of domestic abuse. Hoover masterfully weaves a story of hope and healing, reminding us that even in the darkest of times, the human spirit can succeed. Uncover the Best : Taylor Jenkins Reids "The Seven Husbands of Evelyn Hugo" This captivating historical fiction novel unravels the life of Evelyn Hugo, a Hollywood icon who defies expectations and societal norms to pursue her dreams. Reids captivating storytelling and compelling characters transport readers to a bygone era, immersing them in a world of glamour, ambition, and self-discovery. Oracle Application Express Documentation : Delia Owens "Where the Crawdads Sing" This evocative coming-of-age story follows Kya Clark, a young woman who grows up alone in the marshes of North Carolina. Owens weaves a tale of resilience, survival, and the transformative power of nature, entrancing readers with its evocative prose and mesmerizing setting. These bestselling novels represent just a fraction of the literary treasures that have emerged in 2023. Whether you seek tales of romance, adventure, or personal growth, the world of literature offers an abundance of compelling stories waiting to be discovered. The novel begins with Richard Papen, a bright but troubled young man, arriving at Hampden College. Richard is immediately drawn to the group of students who call themselves the Classics Club. The club is led by Henry Winter, a brilliant and charismatic young man. Henry is obsessed with Greek mythology and philosophy, and he quickly draws Richard into his world. The other members of the Classics Club are equally as fascinating. Bunny Corcoran is a wealthy and spoiled young man who is always looking for a good time. Charles Tavis is a quiet and reserved young man who is deeply in love with Henry. Camilla Macaulay is a beautiful and intelligent young woman who is drawn to the power and danger of the Classics Club. The students are all deeply in love with Morrow, and they are willing to do anything to please him. Morrow is a complex and mysterious figure, and he seems to be manipulating the students for his own purposes. As the students become more involved with Morrow, they begin to commit increasingly dangerous acts. The Secret History is a exceptional and thrilling novel that will keep you speculating until the very end. The novel is a cautionary tale about the dangers of obsession and the power of evil.

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## **Table of Contents Oracle Application Express Documentation**

1. Understanding the eBook Oracle Application Express Documentation
  - The Rise of Digital Reading Oracle Application Express Documentation
  - Advantages of eBooks Over Traditional Books
2. Identifying Oracle Application Express Documentation
  - Exploring Different Genres
  - Considering Fiction vs. Non-Fiction
  - Determining Your Reading Goals
3. Choosing the Right eBook Platform
  - Popular eBook Platforms
  - Features to Look for in an Oracle Application Express Documentation
  - User-Friendly Interface
4. Exploring eBook Recommendations from Oracle Application Express Documentation
  - Personalized Recommendations
  - Oracle Application Express Documentation User Reviews and Ratings
  - Oracle Application Express Documentation and Bestseller Lists
5. Accessing Oracle Application Express Documentation Free and Paid eBooks
  - Oracle Application Express Documentation Public Domain eBooks
  - Oracle Application Express Documentation eBook Subscription Services
  - Oracle Application Express Documentation Budget-Friendly Options
6. Navigating Oracle Application Express Documentation eBook Formats
  - ePub, PDF, MOBI, and More
  - Oracle Application Express Documentation Compatibility with Devices
  - Oracle Application Express Documentation Enhanced eBook Features
7. Enhancing Your Reading Experience
  - Adjustable Fonts and Text Sizes of Oracle Application Express Documentation
  - Highlighting and Note-Taking Oracle Application Express Documentation
  - Interactive Elements Oracle Application Express Documentation
8. Staying Engaged with Oracle Application Express Documentation

- Joining Online Reading Communities
- Participating in Virtual Book Clubs
- Following Authors and Publishers Oracle Application Express Documentation
- 9. Balancing eBooks and Physical Books Oracle Application Express Documentation
  - Benefits of a Digital Library
  - Creating a Diverse Reading Collection Oracle Application Express Documentation
- 10. Overcoming Reading Challenges
  - Dealing with Digital Eye Strain
  - Minimizing Distractions
  - Managing Screen Time
- 11. Cultivating a Reading Routine Oracle Application Express Documentation
  - Setting Reading Goals Oracle Application Express Documentation
  - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Oracle Application Express Documentation
  - Fact-Checking eBook Content of Oracle Application Express Documentation
  - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
  - Utilizing eBooks for Skill Development
  - Exploring Educational eBooks
- 14. Embracing eBook Trends
  - Integration of Multimedia Elements
  - Interactive and Gamified eBooks

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