
Apex Dev Guide

Pro Oracle Application Express 4
Expert Tips, Techniques, and Mock Tests for the Platform Developer I (DEV501) Certification Exam
Salesforce CRM Admin Cookbook.
Think Like an Application Express Developer
Build and test Lightning Components for Salesforce Lightning Experience using Salesforce DX
Salesforce Handbook
Research in Education
Become a Certified Advanced Salesforce Administrator with this exam guide
A developer's guide to learning advanced techniques and best practices for building robust Salesforce applications
Second Edition
The Definitive Guide to Writing Reliable and Efficient Code in Apex
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Building Business Applications in the Cloud
Mastering Salesforce DevOps
Advanced Apex Programming for Salesforce.com and Force.com
Beginning Salesforce Developer
Salesforce Lightning Platform Enterprise Architecture
Development with the Force.com Platform
A Practical Guide to Model-Driven Development on the Force.com Platform
Becoming a Salesforce Certified Technical Architect
Head First Java
Salesforce Coding Genius
Understanding Oracle APEX 20 Application Development
Learning Force.com Application Development
Salesforce Coding Genius
Learning Apex Programming
Apex Developer Guide
Advanced Apex Programming in Salesforce
A Complete Salesforce Coding Framework Reference Guide
Building Declarative Solutions on the Salesforce Platform
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Salesforce Platform Developer I Certification Guide

DARIEN LAWRENCE

Pro Oracle Application Express 4 Pearson Education

Architect and deliver packaged Force.com applications that cater to enterprise business needs

- Key Features*
- Salesforce Lightning Wizard Framework - A framework built on the top of Lightning to support complex requirements of organisations*
- Salesforce Batch Framework - A framework built on Apex, Native Salesforce which helps organisations to achieve any complex asynchronous jobs requirements easily*
- Saelsforce Trigger Framework - Step-by-Step process to adopt with Trigger framework which support any complex real time business operations and also reduces cyclomatic complexity at the same time.

Book Description

Salesforce Coding Genius is neither a tutorial nor a book for beginners. Intended for developers who are already familiar with the Apex language, and experienced Java and C# developers who are moving to Apex, this book starts where the Salesforce Apex documentation leaves off. Are you facing a challenging Salesforce.com problem--say, relating to automation, configuration, formulation, or reporting--that you can't quite crack? Or maybe you are hoping to infuse some creativity into your solution design strategy to solve problems faster or make solutions more efficient? Salesforce Coding Genius shows you how to unlock the power of the Force.com platform to solve real business problems--and all without writing a line of code. Adhering to Salesforce.com's "clicks, not code", Salesforce.com expert Markus Koche walks you through different business problems and identifies effective, creative--and proven--approaches to solutions using the platform's declarative framework. If you are a Salesforce.com administrator, analyst, consultant, or developer, you can attest to the insatiable appetite of users for new functionality. Your clients expect solutions--and now with Salesforce Coding Genius you can deliver a best solution for your project. What you will learn*

- Package, install, test, and upgrade an application*
- Define architecture-aligning data storage and functional requirements*
- Develop Apex code that is easy to navigate, self-documenting, testable, robust, and organic*
- Leverage your application's clientagnostic Service layer backbone to support numerous platform areas*
- Get the most from hosting your application within the Lightning Experience and Salesforce1 Mobile clients*
- Apply querying, indexing, and asynchronous best practices*
- Leverage mocking and dependency injection in your Apex tests*
- Explore tips for developing advanced applications

The purpose of this book is to detail best practice for Apex code development on the Salesforce project which should be followed by developers working on the project. It also details some design patterns and testing frameworks which should be adopted where possible to provide robust and scalable platforms as follows:+

- Salesforce Lightning Wizard Framework +
- Salesforce Batch Apex Framework+
- Salesforce Trigger Framework+
- Salesforce Lightning Component Framework

These frameworks helps in understanding the basics of Apex / Lightning. It is designed on the top of exisiting Apex or Lightning Framework which extends the use cases of most common business logics. This book has defined a lightning component framework that will be leveraged and utilised on the project. For any query or concern drop us a mail on info@expounddigital.com

Expert Tips, Techniques, and Mock Tests for the Platform Developer I (DEV501) Certification Exam Sydney University Press

If you're a Salesforce developer, Mastering Apex Programming will help you to get to grips with the Apex language, its advanced features, and best practices for building robust cloud-based applications that scale. Explore asynchronous programming, debugging and performance, and much more to master the Apex language.

Salesforce CRM Admin Cookbook. Apress

Salesforce Advanced Administrator Certification Guide is a complete resource that will help you gain the knowledge and master the skills required to earn the advanced administrator credentials. With plenty of questions and answers along with best practices, you will learn all the concepts asked in exams specially designed with this guide.

Think Like an Application Express Developer Packt Publishing Ltd

This practical guide brings DevOps principles to Salesforce development. It fits together two major movements within the IT world: the movement to Software/Platform as a Service (SaaS/PaaS), and the DevOps movement. While SaaS and PaaS allow companies to invest in their core competencies rather than maintain their own infrastructure, the goal of DevOps is to optimize the process of delivering software innovation and value. The release of Salesforce DX in late 2017 unlocks the possibility of a true DevOps workflow on Salesforce. But DevOps is new to the Salesforce world and there is not a widespread understanding of its goals and methods, and so adoption of Salesforce DX is still in the early stages. Mastering Salesforce DevOps explains how to build a powerful and comprehensive DevOps workflow for Salesforce—allowing you to finally deploy the world's most innovative platform using the world's most effective and efficient techniques. It addresses the need for a comprehensive guide to DevOps for Salesforce, allowing teams to bring proven practices from the IT world to resolve the hardest problems facing Salesforce developers today. What You Will Learn

- Improve company performance and software delivery performance using Salesforce DX
- Translate DevOps concepts into the unique language and practices of Salesforce
- Understand why and how you can implement Salesforce DX to achieve greater productivity and innovation
- Enable continuous delivery on Salesforce
- Build packages and architect code so it can be deployed easily
- Allow admins to participate in what has traditionally been a developer workflow
- Know the techniques for reducing the stress and risk of deployment
- Apply the full range of automated tests that can be used on Salesforce

Who This Book Is for

Salesforce developers, release managers, and those managing Salesforce development teams who need a guide to DevOps, and DevOps specialists who need to apply familiar concepts to Salesforce

Build and test Lightning Components for Salesforce Lightning Experience using Salesforce DX Packt Publishing Ltd

Master the Apex object oriented programming language in this video series from Apex expert Zanis Khan. Click here to watch all of Zanis' other videos on O'Reilly . There are 15 topics within this Apex video series: Introducing Apex . This first topic in the Apex programming video series provides an overview to Apex. Learn about Apex functionality, architecture, and use cases. Follow along with

Zanis to install the Developer Edition of Salesforce. Write your first Apex program. Apex Data Types . This second topic in the Apex programming video series explains data types. Follow along with Zanis during the hands-on part of this video and learn how to use primitive (integer, double, long, date, datetime, string, ID, Boolean), collection, sObject, Enums, and Class data types. Apex Variables . This third topic in the Apex programming video series explains variables in detail. Follow along with Zanis during the hands-on part of this video and practice creating variables. Realize how similar the variable concept is between Java and Apex. Apex Arrays . This fourth topic in the Apex programming video series explores arrays. Follow along with Zanis during the hands-on part of this video and practice creating arrays and inserting and accessing elements of an array. Apex Constants . This fifth topic in the Apex programming video series explains constants, which are variables which do not change their value once assigned. Follow along with Zanis during the hands-on part of this video and learn how to create and use constants. Decision Making in Apex . This sixth topic in the Apex programming video series explains decision making in Apex. Follow along with Zanis during the hands-on part of this video and practice creating IF and IF-ELSE statements in Apex. Apex Loops . This seventh topic in the Apex programming video series covers loops. Follow along with Zanis during the hands-on part of this video and learn when to use loops and how to create FOR, WHILE, and DO-WHILE loops in Apex. Apex Classes . This eighth topic in the Apex programming video series focuses on classes. Follow along with Zanis during the hands-on part of this video and learn how to create and use classes and their modifiers (Private, Public, and Global) in Apex. Apex Methods . This ninth topic in the Apex programming video series explains methods (also known as functions). Follow along with Zanis during the hands-on part of this video and practice writing public and protected methods, and...

[Salesforce Handbook](#) Desaware Publishing

A comprehensive guide filled with best practices and tailor-made examples - a must-read for all Lightning Platform architects! Key Features Use the Lightning Platform to build integrated, scalable, and robust apps focused on enterprise-level customer demands Use the Lightning Component framework to deliver modern and responsive user experiences targeting multiple devices through Lightning Experience and Salesforce Mobile Extend your application with access to external services and AI Book Description Salesforce Lightning provides a secure and scalable platform to build, deploy, customize, and upgrade applications. This book will take you through the architecture of building an application on the Lightning platform to help you understand its features and best practices, and ensure that your app keeps up with your customers' increasing needs as well as the innovations on the platform. This book guides you in working with the popular aPaaS offering from Salesforce, the Lightning Platform. You'll see how to build and ship enterprise-grade apps that not only leverage the platform's many productivity features, but also prepare your app to harness its extensibility and customization capabilities. You'll even get to grips with advanced application architectural design patterns such as Separation of Concerns, Unit Testing and Dependency Integration. You will learn to use Apex and JavaScript with Lightning Web Components, Platform Events, among others, with the help of a sample app illustrating patterns that will ensure your own applications endure and evolve with the platform. Finally, you will become familiar with using Salesforce DX to develop, publish, and monitor a sample app and experience standard application

life cycle processes along with tools such as Jenkins to implement CI/CD. By the end of this book, you will have learned how to develop effective business apps and be ready to explore innovative ways to meet customer demands. What you will learn Create and deploy AppExchange packages and manage upgrades Understand Enterprise Application Architecture patterns Customize mobile and desktop user experience with Lightning Web Components Manage large data volumes with asynchronous processing and big data strategies Implement Source Control and Continuous Integration Add AI to your application with Einstein Use Lightning External Services to integrate external code and data with your Lightning Application Who this book is for This book is for Lightning platform developers who want to discover the true potential of the platform to develop complex scalable applications for use in enterprise businesses.

Research in Education Packt Publishing Ltd

This new edition of Understanding Oracle APEX 5 Application Development shows APEX developers how to build practical, non-trivial web applications. The book introduces the world of APEX properties, explaining the functionality supported by each page component as well as the techniques developers use to achieve that functionality. The book is targeted at those who are new to APEX and just beginning to develop real projects for production deployment. Reading the book and working the examples will leave you in a good position to build good-looking, highly-functional, web applications. Topics include: conditional formatting, user-customized reports, data entry forms, concurrency and lost updates, and updatable reports. Accompanying the book is a demo web application that illustrates each concept mentioned in the book. Specific attention is given in the book to the thought process involved in choosing and assembling APEX components and features to deliver a specific result. Understanding Oracle APEX 5 Application Development is the ideal book to take you from an understanding of the individual pieces of APEX to an understanding of how those pieces are assembled into polished applications. Teaches how to develop non-trivial APEX applications. Provides deep understanding of APEX functionality. Shows the techniques needed for customization.

Become a Certified Advanced Salesforce Administrator with this exam guide Packt Publishing Ltd

Learn how to build logic into your apps by configuring Salesforce.com Lightning Process Builder and Visual Workflow software tools to meet the needs of your organization without the use of code. You will be able to build workflow diagrams on the Salesforce.com platform and perform complex logic. Individuals who have created workflow diagrams in other applications (e.g., Microsoft Visio) will feel very comfortable using these two tools from Salesforce. If you find yourself in a situation where a standard Salesforce configuration does not meet your needs, you can always rely on a developer to extend the functionality through Visualforce and Apex code. What if you could take back that control and not rely on a developer or consultant? With two new technologies—Process Builder and Visual Workflow—introduced onto the Salesforce.com platform, you can accomplish much of what was normally handled with Apex code. Lightning Process Builder and Visual workflow both allow for advanced logic that standard configuration such as Salesforce.com Workflow cannot do. Salesforce.com Lightning Process Builder and Visual Workflow details how these technologies can be used to: Create a call center application that guides operators through a call with screens that

change based on the caller's responses. Automatically submit approvals to speed up and streamline your business. Update related records for any object being modified, including standard and custom objects.

[A developer's guide to learning advanced techniques and best practices for building robust Salesforce applications](#) Packt Publishing Ltd

Provides information on building applications and solving enterprise challenges using Force.com. *Second Edition* Packt Publishing Ltd

Note: The third edition of this book is now available ISBN: 978-1936754106 in both paperback and eBook formats Beyond the Force.com documentation - Second edition Advanced Apex Programming for Salesforce.com and Force.com is neither a tutorial nor a book for beginners. Intended for developers who are already familiar with the Apex language, and experienced Java and C# developers who are moving to Apex, this book starts where the Force.com documentation leaves off. Instead of trying to cover all of the features of the platform, Advanced Apex programming focuses entirely on the Apex language and core design patterns. You'll learn how to truly think in Apex - to embrace limits and bulk patterns. You'll see how to develop architectures for efficient and reliable trigger handling, and for asynchronous operations. You'll discover that best practices differ radically depending on whether you are building software for a specific organization or for a managed package. And you'll find approaches for incorporating testing and diagnostic code that can dramatically improve the reliability and deployment of Apex software, and reduce your lifecycle and support costs. Based on his experience as a consultant, Force.com MVP and architect of a major AppExchange package, Dan Appleman focuses on the real-world problems and issues that are faced by Apex developers every day, along with the obscure problems and surprises that can sneak up on you if you are unprepared. This second edition contains updates through Winter 14 (API 29) along with significant new content on triggers, asynchronous design patterns, concurrency and more

The Definitive Guide to Writing Reliable and Efficient Code in Apex Packt Publishing Ltd

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.

Oracle APEX Cookbook Apress

Harness the power of Apex design patterns to build robust and scalable code architectures on the Force.com platform About This Book Apply Creational, Structural and behavioural patterns in Apex to fix governor limit issues. Have a grasp of the anti patterns to be taken care in Apex which could have adverse effect on the application. The authors, Jitendra Zaa is a salesforce MVP and Anshul Verma has 12+ years of experience in the area of application development. Who This Book Is For If you are a competent developer with working knowledge of Apex, and now want to deep dive into the world of Apex design patterns to optimize the application performance, then this book is for you. Prior knowledge of Salesforce and Force.com platform is recommended. What You Will Learn Apply OOPs principal in Apex to design a robust and efficient solution to address various facets to a business problem Get to grips with the benefits and applicability of using different design patterns in Apex Solve problems while instantiating, structuring and giving dynamic behavior to Apex classes Understand the implementation of creational, structural, behavioral, concurrency and anti-patterns in your application Follow the Apex best practices to resolve governor limit issues Get clued up about the Inheritance, abstract classes, polymorphism in Apex to deal with the object mechanism Master various design patterns and determine the best out of them Explore the anti patterns that could not be applied to Apex and their appropriate solutions In Detail Apex is an on-demand programming language providing a complete set of features for building business applications - including data models and objects to manage data. Apex being a proprietor programming language from Salesforce to be worked with multi tenant environment is a lot different than traditional OOPs languages like Java and C#. It acts as a workflow engine for managing collaboration of the data between users, a user interface model to handle forms and other interactions, and a SOAP API for programmatic access and integration. Apex Design Patterns gives you an insight to several problematic situations that can arise while developing on Force.com platform and the usage of Design patterns to solve them. Packed with real life examples, it gives you a walkthrough from learning design patterns that Apex can offer us, to implementing the appropriate ones in your own application. Furthermore, we learn about the creational patterns that deal with object creation mechanism and structural patterns that helps to identify the relationship between entities. Also, the behavioural and concurrency patterns are put forward explaining the communication between objects and multi-threaded programming paradigm respectively. We later on, deal with the issues regarding structuring of classes, instantiating or how to give a dynamic behaviour at a runtime, with the help of anti-patterns. We learn the basic OOPs principal in polymorphic and modular way to enhance its capability. Also, best practices of writing Apex code are explained to differentiate between the implementation of appropriate patterns. This book will also explain some unique patterns that could be applied to get around governor limits. By the end of this book, you will be a maestro in developing your applications on Force.com for Salesforce Style and approach This book is

a step-by-step guide, complete with well-tested programs and real world situations to solve your common occurring problems in Apex design by using the anti-patterns. It gets crackling from exploring every appropriate solution to comparing the best one as per OOps principal.

Understanding Oracle APEX 5 Application Development BPB Publications

Build and deploy scalable applications on the Salesforce Lightning Platform using the latest features of Spring '19 Key Features An end-to-end-guide with practice tests to help you achieve the Salesforce Platform Developer certification Design data models, user interfaces, and business logic for your custom applications Understand the complete development life cycle from designing to testing Book Description Salesforce Lightning Platform, used to build enterprise apps, is being increasingly adopted by admins, business analysts, consultants, architects, and especially developers. With this Salesforce certification, you'll be able to enhance your development skills and become a valuable member of your organization. This certification guide is designed to be completely aligned with the official exam study guide for the latest Salesforce Certified Platform Developer I release and includes updates from Spring '19. Starting with Salesforce fundamentals and performing data modeling and management, you'll progress to automating logic and processes and working on user interfaces with Salesforce components. Finally, you'll learn how to work with testing frameworks, perform debugging, and deploy metadata, and get to grips with useful tips and tricks. Each chapter concludes with sample questions that are commonly found in the exam, and the book wraps up with mock tests to help you prepare for the DEV501 certification exam. By the end of the book, you'll be ready to take the exam and earn your Salesforce Certified Platform Developer I certification. What you will learn Solve sample questions and mock tests and work with exam patterns Gain an understanding of declarative Salesforce tools such as Process Builder, flows, and many more Code in Salesforce using the Developer Console and IDEs Grasp the basics of object-oriented programming Write Apex classes, Visualforce pages, and Apex test classes with easy-to-follow steps Explore the different deployment tools that you can use to push metadata to different environments Build custom declarative apps and programs on Force.com platforms Who this book is for The Salesforce Platform Developer I Certification Guide is for you if you want to learn how to develop and deploy business logic and user interfaces using the capabilities of the Lightning Platform. No prior knowledge of Apex programming is required.

Enter the Animal Packt Pub Limited

Advanced Apex Programming focuses entirely on the Apex language and core design patterns. You'll learn how to truly think in Apex - to embrace limits and bulk patterns. You'll see how to develop architectures for efficient and reliable trigger handling, and for asynchronous operations. You'll discover that best practices differ radically depending on whether you are building software for a specific organization or for a managed package. And you'll find approaches for incorporating testing and diagnostic code that can dramatically improve the reliability and deployment of Apex software, and reduce your lifecycle and support costs. Based on his experience as a consultant, Salesforce MVP, and architect of major AppExchange packages, Dan Appleman focuses on the real-world problems and issues that are faced by Apex developers every day, along with the obscure problems and surprises that can sneak up on you if you are unprepared.

Prepare for the review board by practicing example-led architectural strategies and best practices

Packt Publishing Ltd

Leverage your Salesforce experience to learn how to design high-performance end-to-end solutions using the Salesforce platform and prepare for the Salesforce Certified Technical Architect Review Board exam with this practical guide. You'll be able to gain not only technical expertise but also the soft skills for communicating your solutions ...

Apex Hides the Hurt Packt Publishing Ltd

As a Cookbook, this book enables you to create APEX web applications and to implement features with immediately usable recipes that unleash the powerful functionality of Oracle APEX 4.2. Each recipe is presented as a separate, standalone entity and the reading of other, prior recipes is not required. It can be seen as a reference and a practical guide to APEX development. This book is aimed both at developers new to the APEX environment and at intermediate developers. More advanced developers will also gain from the information at hand. If you are new to APEX you will find recipes to start development and if you are an experienced user you will find ways to improve your productivity and efficiency and make the most of APEX to enhance your applications. A little knowledge of PL/SQL, HTML and JavaScript is assumed.

A Brain-Friendly Guide Apress

This is a mini tutorial guide that discusses the most important and the most frequently used technical aspects of Visualforce development, thereby making it a perfect companion for Visualforce developers. This book is for Visualforce developers who are looking for a pocket guide that will resolve their most frequently faced issues.

Advanced Oracle PL/SQL Developer's Guide Packt Publishing Ltd

Historically, grief and spirituality have been jealously guarded as uniquely human experiences. Although non-human animal grief has been acknowledged in recent times, its potency has not been recognised as equal to human grief. Anthropocentric philosophical questions still underpin both academic and popular discussions. In *Enter the Animal*, Teya Brooks Pribac examines what we do and don't know about grief and spirituality. She explores the growing body of knowledge about attachment and loss and how they shape the lives of both human and non-human animals. A valuable addition to the vibrant interdisciplinary conversation about animal subjectivity, *Enter the Animal* identifies conceptual and methodological approaches that have contributed to the prejudice against nonhuman animals. It offers a compelling theoretical base for the consideration of grief and spirituality across species and highlights important ethical implications for how humans treat other animals.

Building Business Applications in the Cloud "O'Reilly Media, Inc."

Mastering Apex Programming A developer's guide to learning advanced techniques and best practices for building robust Salesforce applications Packt Publishing Ltd

Mastering Salesforce DevOps Packt Publishing Ltd

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.

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