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Visualforce Developer's Guide

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Visual Force Developer Guide

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Visual Force Developer Guide:

Visualforce Developer's Guide Chamil Madusanka, 2013-09 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 [Visualforce Developer's Guide](#) W. A. Chamil Madusanka, 2013 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 [Visualforce Development Cookbook](#) Keir Bowden, 2016-08-31 Discover over 70 real world examples to overcome the most complex concepts you will face developing with Visualforce About This Book This book provides an enhanced user experience with dynamically generated reactive pages Access data over additional channels via public web sites and mobile pages Packed with easy to follow recipes including step by step instructions and Apex Visualforce code downloads this title is the all in one package you need to get more from Visualforce Who This Book Is For This book will be beneficial to developers who are already well versed with the basics of Visualforce An awareness of the standard component library and the purpose of controllers is expected What You Will Learn Pass parameters between Visualforce pages Update attributes in component controllers Avoid validation errors with action regions Refresh record details from embedded Visualforce Create and develop a website template from scratch Get to know about the Salesforce Lightning Design system and use Visualforce in Salesforce1 Effectively tackle frequently faced problems while developing Visualforce pages In Detail Visualforce is a framework that allows developers to build sophisticated custom user interfaces that can be hosted natively on the Force.com platform The Visualforce framework includes a tag based markup language similar to HTML that is used to write the Visualforce pages and a set of controllers that are used to write business logic to the Visualforce pages Visualforce Development Cookbook provides solutions to a variety of challenges faced by Salesforce developers and demonstrates how easy it is to build rich interactive pages using Visualforce Whether you are looking to make a minor addition to the standard page functionality or override it completely this book will provide you with the help you require throughout You will start by learning about the simple utilities and will build up to more advanced techniques for data visualization and to reuse functionality You will learn how to perform various tasks such as creating multiple records from a single page visualizing data as charts using JavaScript to enhance client side functionality building a public website and making data available to a mobile device With an interesting chapter on tackling common issues faced while developing Visualforce pages the book provides lots of practical examples to enhance and extend your Salesforce user interface Style and approach Following a cookbook structure the book provides recipes on some essential technical scenarios and a few that focus on real world development problems This book is packed with illustrations and contains lots of code samples to improve

your understanding *Beginning Salesforce Developer* Michael Wicherski, 2017-12-05 Get started developing on the Force.com platform in no time With step by step guidance starting with setting up your developer environment and progressing through to deploying to production you will learn industry best practices to release robust custom applications with tangible benefits to your company or your client Geared specifically toward beginning developers *Beginning Salesforce Developer* establishes a strong understanding of basic code constructs through examples Rather than simply explaining how to use the platform you will receive a comprehensive understanding of why allowing you to address platform quirks and gotchas that might occur The book also serves to lay the foundation for continuing on to *Salesforce Developer Pro* What You'll Learn Configure your Salesforce development environment Understand the Salesforce data model and query languages Create basic Apex triggers Use standard controllers with basic Visualforce pages Utilize Visualforce with custom built Apex controllers Write test coverage Who This Book Is For Salesforce administrators who wish to transition into developing on the Force.com platform The book also serves as a quick immersion into the world of development for complete beginners through proprietary Salesforce development languages on the Force.com platform **Salesforce Platform Developer I**

Certification Guide Jan Vandeveld, Gunther Roskams, 2019-05-24 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 Salesforce Handbook Wes Nolte, Jeff Douglas, 2011-03-01 This book is not intended to be a deep dive on security programming reporting configuration etc but more of a high level overview on salesforce.com Force.com development tools methodology and other resources We will not cover all aspects of salesforce.com We wrote this book to hopefully become an invaluable resource for anyone new or inexperienced with the Force.com platform For new administrators and developers coming on to the platform we see a gaping hole in existing reference books This book is not intended for end users or advanced developers This book is for people somewhere in the middle let's say a business analyst or a new Java or .NET developer We would like this to be the first book you pick up after your boss walks in and says Let's take a look at salesforce.com and see if we can build some applications in the cloud This book contains the information that we wish we had when we started developing applications on Force.com Learning Apex Programming Matt Kaufman, Michael Wickersham, 2015-01-31 If you are a developer who has some object oriented programming experience Learning Apex Programming is the perfect book for you This book is most appropriate for developers who wish to gain an understanding of the Force.com platform and how to use Apex to create business applications Development with the Force.com Platform Jason Ouellette, 2011-06-29 Build Powerful Scalable Cloud Based Enterprise Solutions Fast with the Newest Version of Force.com Using Force.com you can build enterprise applications with world class value scalability and reliability and do it in days or weeks not months or years In this book top Force.com developer Jason Ouellette offers all the technical guidance and sample code you'll need to get outstanding results with the newest version of Force.com Drawing on his experience building three of the world's top ten Force.com applications Jason Ouellette walks you through the entire project lifecycle from identifying potential applications to prototyping coding and deployment Throughout he offers practical insights you won't find in Salesforce.com's documentation or anywhere else This edition thoroughly covers Force.com's most powerful new improvements including Batch Apex Chatter Adobe Flex and XML support and the Force.com Free Edition Throughout Ouellette covers all you need to know about user interfaces database design workflow analytics security and much more All his code samples can be run and adapted using a no cost Force.com Developer Edition account Learn how Force.com provides customizable business application infrastructure and what makes it unique Master the Force.com database and configure its built in security features Use advanced business logic including Batch Apex managed sharing and metadata queries Build intuitive user interfaces with Visualforce and extend them with JavaScript Adobe Flex or Force.com Sites Master Force.com's options for seamlessly integrating existing systems and choose the right alternative for your project Create flexible reports and display them in dashboards Deliver applications in multiple languages and support multiple currencies Add social media features with Force.com's new Chatter collaboration tools **PDII Practice Questions for**

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Salesforce Advanced Administrator Certification Guide Enrico Murru,2019-11-08 Master advanced Salesforce Administration concepts with expert tips techniques and mock tests Key FeaturesLearn advanced features to reduce implementation time and enhance your Salesforce administration skillsDevelop the ability to solve critical issues with a proactive approach and deliver the best solutionExplore complex automation with workflows approvals process builder and custom Apex codingBook Description The Salesforce Advanced Administrator certification extends beyond administrator certification covering advanced platform features and functions such as configuration automation security and customization Complete with comprehensive coverage of all these topics and exam oriented questions and mock tests this Salesforce book will help you earn advanced administrator credentials You ll start your journey by mastering data access security monitoring and auditing and understanding best practices for handling change management and data across organizations The book then delves into data model management for improving data quality and lets you explore Sales features such as products schedules quotes and forecasting capabilities As you progress this book will guide you in working with content management to set up and maintain Salesforce content You ll also master organizing your files and data using reports and dashboards

Finally you ll learn how to use a combination of automation tools to solve business problems By the end of the book you will have developed the skills required to get your advanced administrator credentials What you will learn Master data security to monitor your org effectively Explore best practices for handling change management across orgs Extend the capabilities of Salesforce objects using advanced relationships validation rules and duplicate management Handle file libraries with Salesforce CRM content Understand ways to deliver the best solutions with Sales and Service Cloud applications Build reports and dashboards to visualize data for better decision making Customize your CRM with process automation features Who this book is for If you ve already achieved your Salesforce administrator certification this book will help you prepare for the Salesforce Advanced Administrator certification You ll also find this guide useful if you are a Salesforce administrator or developer and want to maximize your administration skills with deeper knowledge of advanced Salesforce declarative features 1 2 years of experience as a Salesforce administrator or developer is enough to help you to get the most out of the book

Mastering Apex Programming Paul Battisson, 2023-11-29 Advance your Apex programming skills to the next level with best practices proven techniques and practical code samples with this updated edition along with the most recent advancements in Apex Key Features Understand the various integration asynchronous processing options in Apex and how to use them to scale you application Learn how to integrate external systems with Apex through both inbound and outbound integrations Profile and improve the performance of your Apex code Book Description Applications built on the Salesforce platform are now a key part of many organizations IT systems with more complex and integrated solutions being delivered every day As a Salesforce developer working with Apex it is important to understand the range and variety of tools at your disposal how and when to use them and what the best practices are This revised second edition includes a complete restructuring and five new chapters filled with detailed content on the latest Salesforce innovations including integrating with DataWeave in Apex and utilizing Flow and Apex together to build scalable applications with Administrators This Salesforce book starts with a discussion around common mistakes debugging exception handling and testing The second section focuses on the different asynchronous Apex programming options to help you build more scalable applications before the third section focuses on integrations including working with platform events and developing custom Apex REST web services Finally the book finishes with a section dedicated to profiling and improving the performance of your Apex including architecture With code examples used to facilitate discussion throughout by the end of the book you will be able to develop robust and scalable applications in Apex with confidence What you will learn Understand common Apex mistakes and how to avoid them through best practices Learn how to debug Apex code effectively Discover the different asynchronous Apex options common use cases and best practices Extend the capabilities of the Salesforce platform with the power of integrations Parse and manipulate data easily with the use of DataWeave functions Develop custom Apex REST services to allow inbound integrations Profile and improve the performance of your Apex code Who this book is for Developers who have

basic to intermediate Apex programming knowledge and are interested in mastering Apex programming while exploring the Salesforce.com platform. This book is also ideal for experienced Java or C developers who are moving to Apex programming for developing apps on the Salesforce platform. Basic Apex programming knowledge is assumed.

Salesforce Platform Enterprise Architecture Andrew Fawcett, Daniel J. Peter, 2023-03-31 Deliver impressive enterprise grade applications using the Salesforce Platform with the help of established architectural patterns and best developer practices. Key Features: Use the latest capabilities of the Salesforce Platform to code robust apps and web experiences with an extended focus on Lightning Web Components. Branch out to Java, Node.js, and other languages with a new chapter exploring app development capabilities using Heroku and Functions. Extend your application with access to external services following new coverage of OpenAPI enabled API services. Book Description: Salesforce makes architecting enterprise grade applications easy and secure, but you'll need guidance to leverage its full capabilities and deliver top notch products for your customers. This fourth edition brings practical guidance to the table, taking you on a journey through building and shipping enterprise grade apps. This guide will teach you advanced application architectural design patterns such as separation of concerns, unit testing, and dependency injection. You'll also get to grips with Apex and how to create scalable services with Java, Node.js, and other languages using Salesforce Functions and Heroku, and find new ways to test Lightning UIs. These key topics alongside a new chapter on exploring asynchronous processing features are unique to this edition. You'll also benefit from an extensive case study based on how the Salesforce Platform delivers solutions. By the end of this Salesforce book, whether you are looking to publish the next amazing application on AppExchange or build packaged applications for your organization, you will be prepared with the latest innovations on the platform. What you will learn: Create and deploy packaged apps for your own business or for AppExchange. Understand Enterprise Application Architecture patterns. Customize the mobile and desktop user experience with Lightning Web Components. Manage large data volumes with asynchronous processing and big data strategies. Learn how to go beyond the Apex language and utilize Java and Node.js to scale your skills and code with Heroku and Salesforce Functions. Test and optimize Salesforce Lightning UIs. Use Connected Apps, External Services, and Objects along with AWS integration tools to access off-platform code and data with your application. Who this book is for: If you are a Salesforce developer who wants to unlock the true potential of the Salesforce platform and deliver complex, scalable applications within your company or for use in large enterprises you target through AppExchange, then you have come to the right place. You will need a solid foundation of Salesforce development to dive into this book; it is here to elevate your skills, not teach you the basics.

Ultimate Salesforce LWC Developers' Handbook Cihan Fethi Hizar, 2023-12-20 Unleash Lightning Web Components (LWC) for Salesforce Cloud. KEY FEATURES: Acquire a comprehensive understanding of the Lightning Web Component Framework, covering all its intricate details. Develop advanced skills in effectively managing events and data within your Lightning Web Component (LWC) applications. Gain expertise in ensuring the security of your LWC applications by

leveraging the robust tools provided by Salesforce DESCRIPTION Embark on a transformative journey into the world of Salesforce Lightning Web Components LWC with this comprehensive guide From laying the foundation to honing advanced skills in LWC debugging and testing each chapter seamlessly builds upon the last empowering developers to navigate the intricate world of Salesforce LWC development The book begins by creating your first LWC and delving into the intricacies of Lightning Web Components It explores the seamless integration of Salesforce Data and master event management with Events in LWC Next it moves on to navigate the relationship between LWC and Flows unlocking the potential of Lightning Out for standalone applications Readers will dive deep into the aesthetics with Salesforce Lightning Design System enhancing their components with style It will also help you safeguard your applications by understanding LWC Security measures and learn debugging and testing in the LWC environment In the final chapters immerse yourself in working with Aura components and seamlessly migrate them to LWCs providing an insightful transition to advanced development techniques WHAT WILL YOU LEARN Master the intricacies of Lightning Web Component LWC development for the Salesforce Cloud Effectively utilize Lightning Data Service for seamless data management Establish robust communication channels between Lightning Web Component LWC using Lightning Message Service Integrate your Lightning Web Components LWC seamlessly into complex flows Create standalone applications with the powerful capabilities of Lightning Out Perfect the art of styling your components using the Lightning Design System Implement advanced security measures to ensure the development of robust and secure LWC applications WHO IS THIS BOOK FOR This book is meticulously designed for Salesforce developers consultants IT professionals aiming to broaden their expertise into Lightning Web Components seeking comprehensive insights and expanding their skill set Whether you re a beginner or an experienced professional in the Salesforce ecosystem this handbook provides a practical and in depth resource to enhance proficiency in Lightning Web Components covering debugging testing and advanced development techniques TABLE OF CONTENTS 1 Introduction 2 Creating Your First LWC 3 LWC in Detail 4 Using Salesforce Data 5 Events In LWC 6 LWC and FLOWS 7 Lightning Out 8 Salesforce Lightning Design System 9 LWC Security 10 LWC Debugging and Testing 11 APPENDIX 1 AURA LWC Co Existence 12 APPENDIX 2 Migrate Aura Components to LWCs Index 400+ *Salesforce Platform Developer IiInterview Questions And Answers Guide (expert Edition) - Complete Study & Preparation Ebook* CloudRoar Consulting services,101-01-01 Prepare for the Zscaler Certified Administrator exam with 350 questions and answers covering cloud security firewall policies access control traffic inspection logging and best practices Each question provides practical examples and detailed explanations to ensure exam readiness Ideal for cloud security engineers and administrators Zscaler CertifiedAdministrator CloudSecurity FirewallPolicies AccessControl TrafficInspection Logging BestPractices ExamPreparation CareerGrowth ProfessionalDevelopment ITSecurity CloudEngineering ITSkills ITCertifications CPAB Practice Questions for Salesforce Platform App Builder Certification Dormouse Quillsby, NotJustExam CPAB Practice

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Application Development with Force.com Kevin J. Poorman, 2016-01-28 Design and develop state of the art applications using Force.com's powerful development platform About This Book Flaunt your skillsets by developing complex applications that include demanding concepts such as triggers Visualforce controllers batch jobs and Lightning components Earn the gratitude of your colleagues by structuring a project so that multiple developers can work independently of each other Kevin Poorman the author of the book and a Force.com MVP shares his years of Force.com knowledge and experience with you through the medium of telling examples Who This Book Is For If you're a Force.com developer with a fundamental understanding of Apex and JavaScript but now want to enhance your skills with tips tricks and guidance on the best architectural and engineering practices then this book is for you What You Will Learn Creating triggers and the best practices for writing them Developing a number of Visualforce controllers and extensions Integrating third party web APIs into your Apex code Writing unit tests that cover testing bulk safety user and profile settings and negative tests Creating a Lightning component for use in Salesforce1 Getting acquainted with various methods for deploying metadata between orgs Using the Rest sObject API for access to Salesforce objects and data using the REST methodology Learning about overarching architectural considerations such as naming conventions testing practices and data modeling practices In Detail Force.com is an extremely powerful scalable and secure cloud platform delivering a complete technology stack ranging from databases and security to workflow and the user interface With Salesforce.com's Force.com cloud platform you can build any business application and run it on your servers The book will help you enhance your skillset and develop complex applications using Force.com It gets you started with a quick refresher of Force.com's development tools and methodologies and moves to an in depth discussion of triggers bulkification DML order of operations and trigger frameworks Next you will learn to use batchable and schedulable interfaces to process massive amounts of information asynchronously You will also be introduced to Salesforce Lightning and cover components including backend apex controllers frontend JavaScript controllers events and attributes in detail Moving on the book will focus on testing various apex components what to test when to write the tests and most importantly how to test Next you will develop a changeset and use it to migrate your code from one org to another and learn what other tools are out there for deploying metadata You will also use command line tools to authenticate and access the Force.com Rest sObject API and the Bulk sObject API additionally you will write a custom Rest endpoint and learn how to structure a project so that multiple developers can work independently of each other without causing metadata conflicts Finally you will take an in depth look at the overarching best practices for architecture structure and engineering code applications on the Force.com platform Style and approach A step by step tutorial with plenty of tips and tricks that will help you develop complex Force.com applications

Salesforce Lightning Platform Enterprise Architecture Andrew Fawcett, 2019-11-04 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 *Salesforce Apex Design Patterns* Chamil Madusanka, 2025-05-23 DESCRIPTION Salesforce Apex is a powerful programming language that drives customization and automation on the Salesforce platform However writing scalable and maintainable Apex code requires a deep understanding of software design principles This book serves as an essential guide to mastering these critical patterns empowering you to build robust and efficient solutions within the unique Salesforce ecosystem This book provides a comprehensive guide to Apex design patterns equipping Salesforce developers with structured approaches to write efficient scalable and reusable code It covers fundamental creational structural and behavioral design patterns helping developers solve common challenges in Salesforce application architecture while adhering to best coding practices Designed for both beginners and experienced Salesforce developers it offers real world examples and hands on implementations to demonstrate how design patterns can be applied effectively within the Salesforce ecosystem Whether you are working on enterprise level integrations optimizing trigger performance or structuring Apex code this book provides step by step guidance to enhance your development skills The guide also covers key Salesforce architectural patterns such as MVC and DAO By the end of this

book developers will be able to reduce technical debt improve maintainability and ensure seamless scalability of their Salesforce applications If you are looking to elevate your Apex coding standards and build robust Salesforce solutions this book is your go to resource WHAT YOU WILL LEARN Understand and apply design patterns to improve Apex code structure Enhance maintainability and scalability by adopting best coding practices Implement modular reusable and efficient code using proven patterns Improve error handling with structured exception management techniques Architect Salesforce applications using MVC service layer and DAO patterns WHO THIS BOOK IS FOR This book is for experienced Salesforce developers architects consultants and others who are looking to advance their skills in creating efficient scalable and maintainable solutions using Apex programming on the Salesforce platform TABLE OF CONTENTS 1 Foundation of Apex Design Patterns 2 Understanding Design Patterns 3 Apex Fundamentals 4 Apex Design Principles 5 Creational Design Patterns 6 Structural Design Patterns 7 Behavioral Design Patterns 8 Apex Specific Patterns 9 Architectural Patterns in Salesforce 10 Integrating Patterns in Apex Projects 11 Anti Patterns and Pitfalls in Apex Development 12 Future Trends in Apex Design Patte

Practical Guide to Salesforce Communities Philip Weinmeister, 2018-06-23 Whether you are brand new to the world of Salesforce communities or you are looking to take your Community Cloud knowledge to the next level this detailed guide will help you to build and manage a Salesforce community by leveraging the declarative power of the platform with clicks not code Each Salesforce community is a part of a widespread ecosystem with thousands of communities and millions of users active today on Community Cloud Through valuable social and business tools this online platform enables companies to empower and equip their customers partners and employees in new powerful ways In this book Philip Weinmeister a Salesforce MVP and the first ever recipient of the Community Cloud MVP Trailblazer award leads you through the ins and outs of Salesforce communities and provides you with an array of best practices to deliver top notch business portals on the Salesforce platform Practical Guide to Salesforce Communities is the first book to comprehensively cover this next generation offering from Salesforce providing real actionable guidance to help individuals build effective and engaging online communities The book takes you through the entire process from planning and designing a community to configuration build setup and administration all the way to deployment Detailed explanations are provided of key components templates and features such as Community Builder Audience Targeting Lightning Bolts and much more Additionally considerations and best practices are covered including valuable tips and insights What You ll Learn Plan and design a community Conceptualize how employees partners and customers use and benefit from communities Assess available templates and make an informed selection decision Use Community Builder and Lightning components within a Lightning community template Apply topics and knowledge articles to a community to increase value and adoption Inject process automation into a community using Workflow Flow and Process Builder Create dynamic and personalized user experiences with audience targeting Build export and import unique templates with the Lightning Bolt solution framework Provide

community data for members or community managers Who This Book Is For Salesforce administrators Salesforce developers
Salesforce functional architects Salesforce business analysts and Salesforce community managers

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Visual Force Developer Guide Introduction

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