

# Online Library Salesforce Visualforce Developer Guide Pdf Free Copy

Visualforce Developer's Guide Visualforce Developer's Guide The developer's guide to the Force.com platform Beginning Salesforce Developer Salesforce Platform Developer I Certification Guide Learning Force.com Application Development Salesforce Advanced Administrator Certification Guide Salesforce Platform Enterprise Architecture Visualforce Development Cookbook Salesforce.com Lightning Process Builder and Visual Workflow Salesforce Lightning Platform Enterprise Architecture Learning Apex Programming Salesforce Reporting and Dashboards Salesforce Lightning Reporting and Dashboards Development with the Force.com Platform Force.com Enterprise Architecture Mastering Apex Programming Development with the Force.com Platform Mastering Application Development with Force.com Salesforce Handbook Mastering Salesforce CRM Administration Advanced Apex Programming in Salesforce Learning Salesforce Lightning Application Development Visualforce Development Cookbook Enterprise Integration Patterns Cloud Computing Using Salesforce Learning Salesforce Development with Apex Practical Guide to Salesforce Communities Salesforce Platform App Builder Certification Advanced Apex Programming for Salesforce.com and Force.com Head First Java Salesforce Platform App Builder Certification Handbook Mastering Salesforce DevOps Salesforce Process Builder Quick Start Guide Hands-On Low-Code Application Development with Salesforce Practical Salesforce.com Development Without Code Salesforce Platform App Builder Certification Guide Learning Salesforce Visual Workflow and Process Builder Learning Salesforce Visual Workflow DevOps for Salesforce

**Practical Guide to Salesforce Communities** Apr 25 2021 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

*Salesforce Handbook* Jan 03 2022 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** Sep 11 2022 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.

**Beginning Salesforce Developer** May 19 2023 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.

*Development with the Force.com Platform* Jun 08 2022 Master Force.com, Today's Fastest, Most Flexible Cloud Development Platform With Salesforce.com's Force.com platform, you can build and deploy powerful cloud-based enterprise applications faster than ever before. Now, Jason Ouellette gives you all the practical, technical guidance you need to make the most of the newest Force.com releases in your own custom cloud applications. Throughout, he adds new code and updated best practices for rapidly prototyping, building, and testing production-quality Force.com solutions. This edition's extensive new coverage includes Developer Console, JSON, Streaming and Tooling APIs, Bulk API, Force.com Canvas, REST integration, support for Web MVC frameworks, Dynamic Apex and Visualforce, and an all-new chapter on mobile user interfaces. Ouellette covers the entire platform: UIs, database design, analytics, security, and many other topics. His code examples emphasize maintainability, flexibility, and seamless integration—and you can run and adapt all of them with a free Force.com Developer Edition account. Coverage includes: Leveraging Force.com's customizable infrastructure to deliver advanced Platform-as-a-Service (PaaS) solutions Understanding Force.com's unique processes, tools, and architecture Developing a complete application, from requirements and use cases through deployment Using the Force.com database as a framework for highly flexible, maintainable applications Applying Force.com's baked-in security, including user identity, data ownership, and fine-grained access control Constructing powerful business logic with Apex, SOQL, and SOSL Adopting asynchronous actions, Single Page Applications, and other advanced features in Web user interfaces Building intuitive user interfaces with Visualforce, and extending them to public-facing websites and mobile devices Creating smartphone/tablet-friendly apps with HTML5 and Visualforce Performing massive data-intensive tasks offline with Batch Apex Using Force.com integration options, including REST, SOAP, Canvas, and the Streaming, Bulk, Tooling, and Metadata APIs Developing internal social applications with Force.com's Chatter collaboration tools If you're already building Web or mobile applications, take your next giant step into enterprise cloud development—with *Development with the Force.com Platform, Third Edition*. All code examples in this book are available on Github at <http://goo.gl/fjRqMX>, and as a Force.com IDE project on Github at <https://github.com/jmouel/dev-with-force-3e>.

**Visualforce Development Cookbook** Aug 30 2021 *Visualforce Development Cookbook* is written in such a way that even complex concepts are explained in an easy-to-understand manner. Following a Cookbook structure, the book covers some essential technical scenarios and includes over 75 recipes focusing on real-world development problems. This book is packed with illustrations and also contains lots of code samples for the better understanding of the reader. "Visualforce Development Cookbook" is aimed at developers who have already grasped the basics of Visualforce. Awareness of the standard component library and the purpose of controllers is expected.

*Mastering Application Development with Force.com* Feb 04 2022 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.

**Mastering Salesforce DevOps** Nov 20 2020 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

*Salesforce Platform App Builder Certification* Mar 25 2021 New or intermediate developers will want to use this hands-on guide to prepare for the Salesforce Certified Platform App Builder credential, awarded for designing, building, and implementing applications using the declarative customization capabilities of the Salesforce Platform. This is the first book available covering this

content, and Salesforce training is very costly. This book is filled with real-world examples and hands-on exercises, enabling you to prepare for the certification exam in a short span of time. Multiple-choice study questions and exercises are included to help you apply what you learn in each chapter. Author Rakesh Gupta explains Salesforce Platform fundamentals, including knowledge about the limitations of the declarative platform and when to use programmatic development versus the AppExchange. Data management and data analytics are covered. And you will learn how to set up organization-wide features that affect the look and feel of your application. Sandbox design patterns and process automation tools available in Salesforce are discussed and you will know when to use them. You will become familiar with a wide array of topics, including designing a mobile app and reporting in Salesforce. What You Will Learn Know when to use declarative development versus programmatic development versus the AppExchange Understand the Salesforce data model, field type (when to use which fields), and how and when to use an external object in Salesforce Be familiar with security and settings in Salesforce See how easily users can migrate to the Lightning experience from the classic platform Implement business process automation using declarative features Apply the automation process in Salesforce Utilize Process Builder and manage its power to automate business processes Use sandboxes and deployment tools Who This Book Is For New or intermediate Salesforce developers or anyone in the Salesforce development arena who wants to learn or explore the platform

**Visualforce Developer's Guide** Aug 22 2023 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.

**Learning Force.com Application Development** Mar 17 2023 If you are a developer who wants to learn how to develop and deploy applications from the Salesforce.com platform, then this book is for you. No prior knowledge of Salesforce is necessary.

**Salesforce Platform Developer I Certification Guide** Apr 18 2023 Build and deploy scalable applications on the Salesforce Lightning Platform using the latest features of Spring '19 Key FeaturesAn end-to-end-guide with practice tests to help you achieve the Salesforce Platform Developer certificationDesign data models, user interfaces, and business logic for your custom applicationsUnderstand the complete development life cycle from designing to testingBook 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 learnSolve sample questions and mock tests and work with exam patternsGain an understanding of declarative Salesforce tools such as Process Builder, flows, and many moreCode in Salesforce using the Developer Console and IDEsGrasp the basics of object-oriented programmingWrite Apex classes, Visualforce pages, and Apex test classes with easy-to-follow stepsExplore the different deployment tools that you can use to push metadata to different environmentsBuild custom declarative apps and programs on Force.com platformsWho 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 Lightning Platform Enterprise Architecture** Oct 12 2022 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.

**Advanced Apex Programming for Salesforce.com and Force.com** Feb 21 2021 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

**Learning Salesforce Visual Workflow** May 15 2020 Learning Salesforce Visual Workflow is intended for those who want to use Flows to automate their business requirements by click not code. Salesforce maintains an incredibly user-friendly interface; no previous experience in computer coding or programming is required.

**Hands-On Low-Code Application Development with Salesforce** Sep 18 2020 Explore a wide range of low-code tools in the Salesforce platform for building customized CRM applications without writing any code Key FeaturesCreate apps with a rich user experience without paying for costly developersLeverage Salesforce Lightning Platform's declarative features to build professional-grade applicationsImprove productivity with business process automation using Workflow, Process Builder, and FlowBook Description Low-code platforms allow users to focus on business logic to create solutions without getting trapped in programming complexities. Thanks to its powerful features for designing, developing, and deploying apps without having to hand-code, Salesforce is at the forefront of the low-code development revolution. This book will guide you in building creative applications for solving your business problems using the declarative framework provided by Salesforce. You'll start by learning how to design your business data model with custom objects, fields, formulas, and validation rules, all secured by the Salesforce security model. You'll then explore tools such as Workflow, Process Builder, Lightning Flow, and Actions that will help you to automate your business processes with ease. This book also shows you how to use Lightning App Builder to build personalized UIs for your Salesforce applications, explains the value of creating community pages for your organization, and teaches you how to customize them with Experience Builder. Finally, you'll work with the sandbox model, deploy your solutions, and deliver an effective release management strategy. By the end of this Salesforce book, you'll be ready to customize Salesforce CRM to meet your business requirements by creating unique solutions without writing a single line of code. What you will learnGet to grips with the fundamentals of data modeling to enhance data qualityDeliver dynamic configuration capabilities using custom settings and metadata typesSecure your data by implementing the Salesforce security modelCustomize Salesforce applications with Lightning App BuilderCreate impressive pages for your community using Experience BuilderUse Data Loader to import and export data without writing any codeEmbrace the Salesforce Ohana culture to share knowledge and learn from the global Salesforce communityWho this book is for If you are a citizen developer, business analyst, Salesforce administrator, or anyone interested in developing applications or solutions for business problems but lack technical knowledge, this book is for you. No prior programming experience is required.

**Salesforce Lightning Reporting and Dashboards** Jul 09 2022 Learn how to build advanced reports and dashboards in Salesforce Lightning experience About This Book Visualize and create advanced reports and dashboards using Lightning Experience Improve overall business efficiency with advanced and effective reports and dashboards Understand and create custom reports and dashboards Who This Book Is For This book is targeted at Salesforce.com administrators, business analysts, and managers who use Salesforce.com for their daily job and want to learn in depth about Salesforce Reporting and Dashboard in Lightning Experience. Readers should have a basic knowledge of Salesforce, such as: Accounts, Contacts, Leads, Opportunities and custom objects. What You Will Learn Navigate in Salesforce.com within the Lightning Experience user interface Secure and share your reports and dashboards with other users Create, manage, and maintain reports using Report Builder Learn how the report type can affect the report generated Explore the report and dashboard folder and the sharing model Create reports with multiple formats and custom report types Explore various dashboard features in Lightning Experience Use Salesforce1, including accessing reports and dashboards In Detail Built on the Salesforce App Cloud, the new Lightning Experience combines the new Lightning Design System, Lightning App Builder, and Lightning Components to enable anyone to quickly and easily create modern enterprise apps. The book will start with a gentle introduction to the basics of Salesforce reports and dashboards. It will also explain how to access reports in depth. Then you will learn how to create and manage reports, to use Schedule Report, and create advanced report configurations. The next section talks about dashboards and will enable you to understand and compare various types of dashboard component and how you can benefit the most from each of them. Then we move on to advanced topics and explain tips and tricks related to reports and dashboards, including reporting snapshots, report parameters, and collaboration. Finally, we will discuss how to access dashboards and reports from the Salesforce1 mobile app. Style and approach This comprehensive guide covers the advanced features of the all new Salesforce Lightning concepts and communicates them through a practical approach to explore the underlying concepts of how, when, and why to use them.

**DevOps for Salesforce** Apr 13 2020 Implement DevOps for Salesforce and explore its features Key FeaturesLearn DevOps principles and techniques for enterprise operations in SalesforceImplement Continuous Integration and Continuous Delivery using tools such as Jenkins and Ant scriptUse the Force.com Migration Tool and Git to achieve versioning in SalesforceBook Description Salesforce is one of the top CRM tools used these days, and with its immense functionalities and features, it eases the functioning of an enterprise in various areas of sales, marketing, and finance, among others. Deploying Salesforce applications is a tricky event, and it can get quite taxing for admins and consultants. This book addresses all the problems that you might encounter while trying to deploy your applications and shows you how to resort to DevOps to take these challenges head on. Beginning with an overview of the development and delivery process of a Salesforce app, DevOps for Salesforce covers various types of sandboxing and helps you understand when to choose which type. You will then see how different it is to deploy with Salesforce as compared to deploying with another app. You will learn how to leverage a migration tool and automate deployment using the latest and most popular tools in the ecosystem. This book explores topics such as version control and DevOps techniques such as Continuous Integration, Continuous Delivery, and testing. Finally, the book will conclude by showing you how to track bugs in your application changes using monitoring tools and how to quantify your productivity and ROI. By the end of the book, you will have acquired skills to create, test, and effectively deploy your applications by leveraging the features of DevOps. What you will learnImplement DevOps for Salesforce and understand the benefits it offersAbstract the features of Force.com MigrationTool to migrate and retrieve metadataDevelop your own CI/CD Pipeline for Salesforce projectUse Qualitia to perform scriptless automation for Continuous TestingTrack application changes using BugzillaApply Salesforce best practices to implement DevOpsWho this book is for If you are a Salesforce developer, consultant, or manager who wants to learn DevOps tools and set up pipelines for small as well as large Salesforce projects, this book is for you.

**Salesforce.com Lightning Process Builder and Visual Workflow** Nov 13 2022 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.

**Advanced Apex Programming in Salesforce** Nov 01 2021 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.

**Salesforce Reporting and Dashboards** Aug 10 2022 This book is intended for all Salesforce users—administrators, managers, business analysts, or report writers who are new to creating reports or dashboards within Salesforce. Basic knowledge of the Salesforce platform is required.

*The developer's guide to the Force.com platform* Jun 20 2023

**Learning Salesforce Lightning Application Development** Sep 30 2021 Build, design, and style beautiful and informative applications on the Salesforce Lightning platform Key Features Build and Test Lightning Components that enhance application usability and adaptability Apply Security Best Practices to your Custom Lightning Components Design Lightning Components for Salesforce UIs such as Lightning Pages, Salesforce 1 Application, Communities, and more. Book Description Built on the Salesforce App Cloud, the new Salesforce Lightning Experience combines three major components: Lightning Design System, Lightning App Builder, and Lightning Components, to provide an enhanced user experience. This book will enable you to quickly create modern, enterprise apps with Lightning Component Framework. You will start by building simple Lightning Components and understanding the Lightning Components architecture. The chapters cover the basics of Lightning Component Framework semantics and syntax, the security features provided by Locker Service, and use of third-party libraries inside Lightning Components. The later chapters focus on debugging, performance tuning, testing using Lightning Testing Services, and how to publish Lightning Components on Salesforce AppExchange. What you will learn Understand Lightning Components architecture Learn Locker security best practices Debug and Improve performance of your Lightning Components Use third-party libraries along with Lightning Component Framework Learn how to publish Lightning Components on AppExchange Use Lightning Out to take your Lightning Components outside the Salesforce platform Who this book is for This book is for Salesforce developers or developers from other platforms who are familiar with HTML, CSS, and JavaScript and want to build and test Salesforce Lightning components. No knowledge of Salesforce Lightning is required.

**Salesforce Platform Enterprise Architecture** Jan 15 2023 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 fflib, 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.

**Mastering Salesforce CRM Administration** Dec 02 2021 Learn about the Advanced Administration Certification Examination and build a successful career in Salesforce administration About This Book Build your skills and knowledge to crack the Advanced Admin Certification Examination Leverage the advanced administration capabilities of Salesforce and Salesforce1 Optimize and extend Sales Cloud and Service Cloud applications Who This Book Is For This book is written for Salesforce admins who are looking to gain an in-depth knowledge of the Salesforce platform and grow their value in their organization. It will teach them to implement and design advanced business process automation for the benefit of their organization. What You Will Learn Adopt Lightning Experience to improve the productivity of your organization's sales team Create and maintain service entitlements and entitlement processes Process Builder basic and advanced concepts Different ways to deploy applications between environments Best practices for improving and enriching data quality In Detail The book starts by refreshing your knowledge of common admin tasks. You will go over Lightning Experience and various security aspects. You will be shown how to implement territory management in your organization and make use of custom objects. From here, the book progresses to advanced configuration, data management, and data analytics before swiftly moving on to setting up advanced organization-wide features that affect the look and feel of the application. Extend the capabilities of your organization's Salesforce implementation by optimizing and extending Sales Cloud, Salesforce1, and Service Cloud applications. This guide will equip you with the tools you need to build a successful career in Salesforce. Style and approach The book takes a straightforward, no-nonsense approach to working with the Salesforce CRM platform. It is filled with examples, advanced use cases, and all the resources you need to be a Salesforce Jedi.

**Cloud Computing Using Salesforce** Jun 27 2021 Design customized software solutions using the Salesforce Application Development services. KEY FEATURES ? Get an overview of Salesforce ? Understand the Design and Data Process ? Automate Business Process using Salesforce tools ? Study up on Security & Data Management in Salesforce ? Learn how to write code on the Salesforce Platform DESCRIPTION This book enables you to use Salesforce as per your business needs. You will get an overview of all the aspects and features of Salesforce. Following the introduction, the book focuses on how to design an app. You will then learn how to use the Salesforce Data Process and Security Architecture in the app design. Moving on, you will understand how to use force.com to customize the UI and automate the process. Lastly, you will learn how to deploy and debug the app. If you are planning to get a PD1(Platform Developer 1), Admin, or App builder certification, this book is for you. WHAT YOU WILL LEARN ? Get to know more about the Lightning Experience Unit ? Learn how to develop reports and dashboards in Salesforce ? Get familiar with the basics of Salesforce Apex Coding and Programming ? Learn how to use Custom Controllers and Controller Extensions in Salesforce ? Learn how to integrate Email services in Salesforce WHO THIS BOOK IS FOR This book is designed for Computer Science students who want to learn Salesforce. It is also for Salesforce Admins, who wants to explore the coding part of Salesforce. This book will also help professionals to clear PD1(Platform Developer 1), Admin, and App builder certification. TABLE OF CONTENTS 1. Introduction to Cloud Computing 2. Salesforce Fundamentals 3. Introduction to Salesforce Lightning Interface 4. Introduction to CRM 5. Organisational Set up 6. Designing Applications on Force.com 7. Implementing Business Processes 8. Data Management 9. Data Analytics - Reports & Dashboards 10. SECURITY AND ACCESS 11. Introduction to Chatter 12. Mobile Administration 13. Programming with Apex 14. Use SOQL & SOSL 15. DML Essentials 16. Trigger Essential 17. Creating Visualforce Pages 18. Working with Custom Controllers and Controller Extensions 19. More Customization Less Programming 20. Testing Essentials 21. Scheduler, Batch, Email Service, Integration 22. Debugging & Deployment

**Mastering Apex Programming** Apr 06 2022 Get to grips with the advanced features of Apex programming for Salesforce developers using this comprehensive guide Key Features Discover how to build reliable applications with Apex by avoiding common mistakes and pitfalls Learn how to use the different asynchronous programming tools in Apex Profile and improve the performance of your Apex code Book Description As applications built on the Salesforce platform are now a key part of many organizations, developers are shifting focus to Apex, Salesforce's proprietary programming language. As a Salesforce developer, it is important to understand the range of tools at your disposal, how and when to use them, and best practices for working with Apex. Mastering Apex Programming will help you explore the advanced features of Apex programming and guide you in delivering robust solutions that scale. This book starts by taking you through common Apex mistakes, debugging, exception handling, and testing. You'll then discover different asynchronous Apex programming options and develop custom Apex REST web services. The book shows you how to define and utilize Batch Apex, Queueable Apex, and Scheduled Apex using common scenarios before teaching you how to define, publish, and consume platform events and RESTful endpoints with Apex. Finally, you'll learn how to profile and improve the performance of your Apex application, including architecture trade-offs. With code examples used to facilitate discussion throughout, by the end of the book, you'll have developed the skills needed to build robust and scalable applications in Apex. What you will learn Understand common coding mistakes in Apex and how to avoid them using best practices Find out how to debug a Salesforce Apex application effectively Explore different asynchronous Apex options and their common use cases Discover tips to work effectively with platform events Develop custom Apex REST services to allow inbound integrations Build complex logic and processes on the Salesforce platform Who this book is for This book is for Salesforce developers who are interested in mastering Apex programming skills. You'll also find this book helpful if you're an experienced Java or C# developer looking to switch to Apex programming for developing apps on the Salesforce platform. Basic Apex programming knowledge is essential to understand the concepts covered.

**Enterprise Integration Patterns** Jul 29 2021 Enterprise Integration Patterns provides an invaluable catalog of sixty-five patterns, with real-world solutions that demonstrate the formidable of messaging and help you to design effective messaging solutions for your enterprise. The authors also include examples covering a variety of different integration technologies, such as JMS, MSMQ, TIBCO ActiveEnterprise, Microsoft BizTalk, SOAP, and XSL. A case study describing a bond trading system illustrates the patterns in practice, and the book offers a look at emerging standards, as well as insights into what the future of enterprise integration might hold. This book provides a consistent vocabulary and visual notation framework to describe large-scale integration solutions across many technologies. It also explores in detail the advantages and limitations of asynchronous messaging architectures. The authors present practical advice on designing code that connects an application to a messaging system, and provide extensive information to help you determine when to send a message, how to route it to the proper destination, and how to monitor the health of a messaging system. If you want to know how to manage, monitor, and maintain a messaging system once it is in use, get this book.

**Salesforce Advanced Administrator Certification Guide** Feb 16 2023 Master advanced Salesforce Administration concepts with expert tips, techniques, and mock tests Key Features Learn advanced features to reduce implementation time and enhance your Salesforce administration skills Develop the ability to solve critical issues with a proactive approach and deliver the best solution Explore complex automation with workflows, approvals, process builder, and custom Apex coding Book 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.

**Head First Java** Jan 23 2021 Learning a complex new language is no easy task especially when it's an object-oriented computer programming language like Java. You might think the problem is your brain. It seems to have a mind of its own, a mind that doesn't always want to take in the dry, technical stuff you're forced to study. The fact is your brain craves novelty. It's constantly searching, scanning, waiting for something unusual to happen. After all, that's the way it was built to help you stay alive. It takes all the routine, ordinary, dull stuff and filters it to the background so it won't interfere with your brain's real work--recording things that matter. How does your brain know what matters? It's like the creators of the Head First approach say, suppose you're out for a hike and a tiger jumps in front of you, what happens in your brain? Neurons fire. Emotions crank up. Chemicals surge. That's how your brain knows. And that's how your brain will learn Java. Head First Java combines puzzles, strong visuals, mysteries, and soul-searching interviews with famous Java objects to engage you in many different ways. It's fast, it's fun, and it's effective. And, despite its playful appearance, Head First Java is serious stuff: a complete introduction to object-oriented programming and Java. You'll learn everything from the fundamentals to advanced topics, including threads, network sockets, and distributed programming with RMI. And the new, second edition focuses on Java 5.0, the latest version of the Java language and development platform. Because Java 5.0 is a major update to the platform, with deep, code-level changes, even more careful study and implementation is required. So learning the Head First way is more important than ever. If you've read a Head First book, you know what to expect--a visually rich format designed for the way your brain works. If you haven't, you're in for a treat. You'll see why people say it's unlike any other Java book you've ever read. By exploiting how your brain works, Head First Java compresses the time it takes to learn and retain--complex information. Its unique approach not only shows you what you need to know about Java syntax, it teaches you to think like a Java programmer. If you want to be bored, buy some other book. But if you want to understand Java, this book's for you.

**Salesforce Platform App Builder Certification Guide** Jul 17 2020 Get up to speed with the essential concepts and techniques necessary to prepare for the Salesforce Platform App Builder certification exam Key Features Prepare for the Salesforce Platform App Builder certification exam by exploring important concepts and expert tips and techniques Design the data model, user interface, business logic, and security for custom apps Understand the key milestones and considerations when managing an application lifecycle Book Description Do you want to be able to confidently design and build apps that support business processes within the Lightning Platform? Salesforce Platform App Builder Certification Guide not only helps you to do this, but also prepares you for the certification exam. The book starts by describing the core capabilities of the Lightning Platform. You'll learn techniques for data modeling to design, build, and deploy apps without writing code and achieve rapid results with the declarative capabilities that the Lightning Platform provides. Next, you'll explore utilities for importing and exporting data and the features available in the Lightning Platform to restrict and extend access to objects, fields, and records. You'll also be able to customize the Salesforce Lightning Experience user interface (UI) and build functionality for custom buttons, links, and actions. Later, this certification study guide will take you through reporting and the social and mobile features of the Lightning Platform. Finally, you'll get to grips with Salesforce build environments and deployment options. By the end of this Salesforce book, you'll not only have learned how to build data models, enforce data security, and implement business logic and process automation, but also have gained the confidence to pass the Platform App Builder exam and achieve Salesforce certification. What you will learn Explore the core features of the Lightning Platform Design and build an appropriate data model for a given scenario Identify the Lightning Platform's features and capabilities Customize the Salesforce Lightning Experience UI Implement business logic and process automation Identify the capabilities of declarative customization Who this book is for This book is for beginners and aspiring developers who want to learn how to build apps on the Salesforce Platform or pass the Salesforce Platform App Builder certification exam. Salesforce administrators and existing Salesforce Lightning Platform developers looking to learn more about the declarative, non-programmatic app building capabilities of the Salesforce Lightning Platform will also find this book useful.

**Visualforce Development Cookbook** Dec 14 2022 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.

**Visualforce Developer's Guide** Jul 21 2023 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.

**Learning Salesforce Development with Apex** May 27 2021 Learn to harness the power of the Apex language to build Salesforce applications É KEY FEATURESÉ - Learn how to work with the Apex language. - Learn how to develop Apex Triggers. - Learn how to use SOQL and SOSL to retrieve data. - Learn how to write Object-Oriented SalesforceÉ code. - Explore the best practices to deliver scalable and maintainable code. É DESCRIPTIONÉ This book covers the fundamentals of the Salesforce Apex programming language used by developers to build powerful applications in the cloud.É In this book, you will learn how to work with the Apex language to build scalable applications that can interact with and update data from your users. We cover the language from the ground up, introducing programming concepts such as variables and control statements alongside clear and concise examples to help you understand the key concepts and features. Platform-specific features such as Apex triggers, SOQL and SOSL are covered in detail to help ensure you deliver robust and scalable solutions. Nuances and best practices for development are discussed along with how to effectively test your code to ensure that you can deploy it to users with confidence. Object-oriented programming in Apex is also covered in-depth to ensure that you can develop dynamic solutions and build for the future. The book also discusses and shows developers how to integrate with third-party solutions using REST APIs in Apex.É By the end of the book, the reader will know how to start developing applications using Apex with confidence. É WHAT WILL YOU LEARNÉÉ - Learn how to declare variables in Apex. - Understand how to work with collections in Apex. - Use different control statements within Apex to control program flow. - Learn how to use the built-in tools to test in Apex. - Understand how to make callouts to external applications and data sources. WHO THIS BOOK IS FORÉÉ This book is intended for those starting out with Apex, whether existing Salesforce Admins or those joining the Salesforce ecosystem with little professional prior programming experience, such as students. The reader is expected to have some basic familiarity with Salesforce as a platform, although key concepts are reviewed. TABLE OF CONTENTS 0. Introduction 1. An Introduction to the Salesforce Platform 2. What is Apex? 3. Variables in Apex 4. Collections 5. Control Statements 6. Apex Triggers 7. SOQL 8. SOSL 9. Defining Apex Classes 10. Apex Class Inheritance 11. Testing Apex 12. Callouts in Apex 13. Epilogue

**Learning Salesforce Visual Workflow and Process Builder** Jun 15 2020 Click your way to automating various business processes using Salesforce Visual Workflow About This Book Develop an application using Point and Click with the help of Flow Get to grips with various ways to launch a Flow Capture data from an external user without using the Visualforce page Save user input into the database, and learn how to query and manipulate the data Discover various ways to debug and deploy Flow and Process Builder Understand the concepts of Subflow and Login Flow Handle complex business processes using Process builder and keep them clean Use existing or new Flows to work with Salesforce Lightning Experience. Who This Book Is For This book is intended for those who want to use Flows to automate their business requirements by clicking, not coding. No previous experience in computer coding or programming is required What You Will Learn Develop an application using point and click with the help of Flow Get to grips with various ways to launch a Flow Capture data from an external user without using the Visualforce page Save user input into the database, and learn how to query and manipulate the data Discover various ways to debug and deploy Flow and Process Builder Understand the concepts of Subflow and Login Flow Handle complex business processes using Process builder and keep them clean Use existing or new Flows to work with Salesforce Lightning Experience. In Detail Salesforce Management System is an information system used in CRM to automate the business processes like sales and marketing. To implement this, Force.com developed a powerful tool called Visual Workflow to automate business processes by creating applications also called Flows. Learning Salesforce Visual Workflow, Second Edition is a practical guide on Flows that will enable you to develop custom applications in Salesforce with minimized code usage. The book starts with an introduction to Visual Workflows that teaches all the building blocks of creating Flows and use it efficiently. You will learn how to easily automate business processes and tackle complex business scenarios using Flows. The book explains the working of the Process Builder so you can create reusable processes. The book also covers how you can integrate existing or newly created Flows with the Salesforce Lightning Experience. By the end of the book, you will get a clear understanding on how to use Flows and Process Builder in your organization to optimize code usage. Style and approach Step by step approach to use Process Builder to solve complex business requirements with the help of Flow

**Salesforce Process Builder Quick Start Guide** Oct 20 2020 Click your way to automating business processes with Salesforce Visual Workflow Key Features Create and maintain complex business processes using Process builder Discover how to debug and deploy Flow and Process Builder Use new or existing Flows to work with Salesforce Lightning Experience Book Description Salesforce Management System is an information system used in CRM to automate business processes, such as sales and marketing. Process Builder is a visual tool created to automate business processes in Salesforce. It enables users with no coding expertise to build complex Salesforce workflows. The book starts with an introduction to Process Builder, focussing on the building blocks of creating Processes. Then you will learn about different applications of Process Builder for developing streamlined solutions. You will learn how to easily automate business processes and tackle complex business scenarios using Processes. The book explains the workings of the Process Builder so that you can create reusable processes. It also explains how you can migrate existing Workflow Rules to Process Builder. By the end of the book, you will have a clear understanding of how to use Flows and Process Builder to optimize code usage. What you will learn Develop an application using point and click with the help of Process Builder Bypass Processes for specific users Understand the concepts of reusable processes Handle complex business processes using Process Builder and keep them clean Work with formulae in Process Builder to minimize the code required Create a process with no criteria so as to minimize the amount of rework Overcome Salesforce's known limitation in terms of referencing picklist values Who this book is for This book is for people who want to use Process Builder to automate their business requirements by clicking, not coding. A basic understanding of Salesforce is required, but not extensive programming knowledge.

**Force.com Enterprise Architecture** May 07 2022 Architect and deliver packaged Force.com applications that cater to enterprise business needs About This Book Explore the lightning framework, advanced application life cycle processes, and testing Use the Force.com platform to build truly integrated, scalable, and robustly engineered applications focused on enterprise-level customer demands Using the Lightning technology to deliver modern and responsive user experiences targeting multiple devices through Lightning Experience and Salesforce1 Mobile. Step-by-step, work on examples to get you building your own ready-to-install packaged application Who This Book Is For This book is for advanced Force.com developers and architects who need to understand the Salesforce platform from the perspective of enterprise-level requirements. A prior understanding of Apex and Visualforce is a must. Those familiar with other enterprise software ecosystems will also find this book ideal as they adopt Force.com. 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 In Detail Companies of all sizes have seen the need for Force.com's architectural strategy focused on enabling their business objectives. Successful enterprise applications require planning, commitment, and investment in the best tools, processes, and features available. This book will teach you how to architect and support enduring applications for enterprise clients with Salesforce by exploring how to identify architecture needs and design solutions based on industry standard patterns. There are several ways to build solutions on Force.com, and this book will guide you through a logical path and show you the steps and considerations required to build packaged solutions from start to

finish. It covers all aspects, from engineering to getting your application into the hands of your customers, and ensuring that they get the best value possible from your Force.com application. You will get acquainted with extending tools such as Lightning App Builder, Process Builder, and Flow with your own application logic. In addition to building your own application API, you will learn the techniques required to leverage the latest Lightning technologies on desktop and mobile platforms. Style and approach The book takes a straightforward approach, taking apart the Force.com architecture for you to gain a deep understanding of how you can implement the Salesforce platform based on enterprise-level requirements.

**Practical Salesforce.com Development Without Code** Aug 18 2020 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? Practical Salesforce.com Development Without Code 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" mantra, Salesforce.com expert Phil Weinmeister 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. By adopting Practical Salesforce.com Development Without Code as your guide, you will learn how to deliver business solutions within Salesforce.com by combining analysis, creativity, and logic with some of its core elements, including validation rules, workflow rules, and formula fields. In addition, Weinmeister dissects and explains the most useful functions and features for developers, and shows you how to use them. Among other things, you will learn how to: Build objects, fields, and relationships to establish a sensible data model Automate business processes by using workflow rules and flows (Visual Workflow) Utilize functions and develop formulas effectively for a variety of business needs Develop intricate approval processes to handle exception scenarios Employ publisher actions to drive additional functionality from the Chatter feed Manage your data using Data Loader Best of all, Weinmeister uses real-life business scenarios and visuals to keep you engaged and learning something new with every page you read. Practical Salesforce.com Development Without Code will help you absorb the principles behind dozens of creative and thoughtful ways to solve your business problems. Applying the lessons learned from this how-to guide will ultimately save you time and ensure that your clients or internal customers are well satisfied and productive.

**Salesforce Platform App Builder Certification Handbook** Dec 22 2020 A handy guide that covers the most essential topics for Salesforce Platform App Builder Certification in an easy-to-understand format About This Book Get to grips with the fundamentals of Force.com to pass the certification exam with flying colors Create Force.com applications, automate business processes, and manage data operations to be a successful Salesforce.com Certified Force.com app builder A step-by-step guide that covers the most essential topics for the Platform App Builder Certification in an easy-to-understand format Who This Book Is For Salesforce beginners who need to prepare for the Salesforce Platform App Builder Certification exam will benefit from this book. This book is ideal for developers and admins who are new to Salesforce CRM and the Force.com platform. It is recommended that users have some basic programming knowledge and are familiar with salesforce. By the end of the book, you will be ready to appear for the exam and develop various applications on the cloud platform. What You Will Learn Learn the basics of the force.com cloud platform Learn to build objects that align with your business Understand the process of building an application on force.com platform Kick-start your certification journey in basic- easy-to-follow guide Focus on important topics that help you accomplish your certification goals Learn to secure your application with the Salesforce security model Manipulate and process large amount of data using the data tools Prepare for the exam with sample mock questions In Detail The Salesforce Certified Platform App Builder exam is for individuals who want to demonstrate their skills and knowledge in designing, building, and implementing custom applications using the declarative customization capabilities of Force.com. This book will build a strong foundation in Force.com to prepare you for the platform app builder certification exam. It will guide you through designing the interface while introducing the Lightning Process Builder. Next, we will implement business logic using various point and click features of Force.com. We will learn to manage data and create reports and dashboards. We will then learn to administer the force.com application by configuring the object-level, field-level, and record-level security. By the end of this book, you will be completely equipped to take the Platform App Builder certification exam. Style and approach Simple and to-the-point examples that can be tried out in your developer org. A practical book for professionals who want to take the Salesforce Platform App Builder Certification exam. Sample questions for every topic in an exam pattern to help you prepare better, and tips to get things started. Full of screen-shots, diagrams, and clear step-by-step instructions that cover the entire syllabus for the exam. **Development with the Force.com Platform** Mar 05 2022 Foreword by Craig Weissman, CTO, Salesforce.com Build Cloud-Based Enterprise Applications Fast--and Drive More Value at Lower Cost! Using the Force.com platform, enterprise developers can build and deploy powerful applications far more rapidly than traditional J2EE, Microsoft .NET, or LAMP technology stacks permit. With a free subscription to the Force.com platform, developers can build apps that solve virtually any enterprise challenge with remarkable value, scalability, and reliability. This is the first book that brings together all the practical, technical guidance you need to make the most of Force.com in your own custom enterprise applications. Leading Force.com developer Jason Ouellette helps you identify suitable uses for Force.com and provides all the insights and sample code needed to rapidly prototype, deploy, and integrate with production-quality Force.com applications. Ouellette provides realistic code examples at every step, emphasizing maintainability, flexibility, and interoperability throughout. Writing for developers, architects, and analysts, he shows how to • Create custom enterprise apps on Force.com in days or weeks, not months or years • Leverage Force.com's extensive capabilities for storing, managing, and securing data • Quickly create sophisticated business logic with the Apex programming language • Use Visualforce to construct custom user interfaces • Establish automated or semiautomated workflows • Implement Ajax behaviors without writing JavaScript code or learning new JavaScript libraries • Integrate Force.com-based data and processes with other applications, inside and outside the platform • Display reports as state-of-the-art dashboards • Integrate Force.com applications with existing Single Sign-On systems This book's extensive sample code may be downloaded from Force.com AppExchange at <http://sites.force.com/appexchange/listingDetail?listingId=a0N30000001SS3rEAG>

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