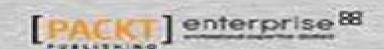Professional Expertise Distilled

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most appropriate for developers who wish to gain an understanding of the Force com platform and how to use Apex to create business applications *Force.com Enterprise Architecture* Andrew Fawcett,2017-03-31 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 *Learning Force.com Application Development* Chamil Madusanka,2015-04-27 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 **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

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administrator or a more experienced professional this book will enhance your knowledge and understanding of the features of Salesforce CRM What You Will Learn Manage and administer user records and password policies Configure and control the various organization wide user interface features in Salesforce CRM Set up and maintain users profiles and permission sets and administer appropriate security and login access mechanisms Apply organization security Understand the capabilities of the Salesforce CRM sharing model Create delete and customize fields page layout and list views for custom and standard objects Find out how Apex and Visualforce coding can be used in Salesforce CRM Implement the mechanisms for data management Discover the tools to import update transfer and mass delete data In Detail Salesforce CRM s Winter 17 release offers a host of new features for CRM designed to transform your sales and marketing requirements With this comprehensive guide to implementing Salesforce CRM administrators of all levels can easily acquire deep knowledge of the platform The book begins by guiding you through setting up users and the security settings and then progresses to configuration data management and data analytics We swiftly move on to the setting up of organization wide features that affect the look and feel of the application Process automation and approval mechanisms are covered next along with the functional areas of Sales Cloud Service Cloud Marketing Cloud and Salesforce Chatter This book details Salesforce CRM system administration in a practical way and is an invaluable reference for both new administrators and experienced professionals At the end of the book techniques to further enhance the system and improve the return on investment Salesforce mobile apps and mobile administration are covered along with Salesforce Adoption Manager Every chapter is complete with a section containing example questions of the type that you might encounter in the certification examination Style and approach This book takes a straightforward no nonsense approach to working with the Salesforce CRM platform Filled with examples and use cases the book presents the facts along with seasoned advice and real world examples to ensure you have all the resources you need to become a more informed Salesforce Administrator *Salesforce CRM – The Definitive Admin Handbook - Third Edition* Paul Goodey,2015-01-30 This book is for administrators who want to develop and strengthen their Salesforce CRM skills in the areas of configuration and system management Whether you are a novice or a more experienced administrator this book aims to enhance your knowledge and understanding of the Salesforce CRM platform and features *Advanced API Security* Prabath Siriwardena,2014-08-28 Advanced API Security is a complete reference to the next wave of challenges in enterprise security securing public and private APIs API adoption in both consumer and enterprises has gone beyond predictions It has become the coolest way of exposing business functionalities to the outside world Both your public and private APIs need to be protected monitored and managed Security is not an afterthought but API security has evolved a lot in last five years The growth of standards out there has been exponential That s where AdvancedAPI Security comes in to wade through the weeds and help you keep the bad guys away while realizing the internal and external benefits of developing APIs for your services Our expert author guides you through the maze of options

and shares industry leading best practices in designing APIs for rock solid security The book will explain in depth securing APIs from quite traditional HTTP Basic Authentication to OAuth 2 0 and the standards built around it Build APIs with rock solid security today with Advanced API Security Takes you through the best practices in designing APIs for rock solid security Provides an in depth tutorial of most widely adopted security standards for API security Teaches you how to compare and contrast different security standards protocols to find out what suits your business needs the best   Practical Salesforce.com Development Without Code Philip Weinmeister,2014-12-31 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 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 DescriptionSalesforce 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 *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 **Developing Data Migrations and Integrations with Salesforce** David Masri,2018-12-18 Migrate your data to Salesforce and build low maintenance and high performing data integrations to get the most out of Salesforce and make it a go to place for all your organization s customer information When companies choose to roll out

Salesforce users expect it to be the place to find any and all Information related to a customer the coveted Client 360 view On the day you go live users expect to see all their accounts contacts and historical data in the system They also expect that data entered in other systems will be exposed in Salesforce automatically and in a timely manner This book shows you how to migrate all your legacy data to Salesforce and then design integrations to your organization s mission critical systems As the Salesforce platform grows more powerful it also grows in complexity Whether you are migrating data to Salesforce or integrating with Salesforce it is important to understand how these complexities need to be reflected in your design Developing Data Migrations and Integrations with Salesforce covers everything you need to know to migrate your data to Salesforce the right way and how to design low maintenance high performing data integrations with Salesforce This book is written by a practicing Salesforce integration architect with dozens of Salesforce projects under his belt The patterns and practices covered in this book are the results of the lessons learned during those projects What You ll Learn Know how Salesforce s data engine is architected and why Use the Salesforce Data APIs to load and extract data Plan and execute your data migration to Salesforce Design low maintenance high performing data integrations with Salesforce Understand common data integration patterns and the pros and cons of each Know real time integration options for Salesforce Be aware of common pitfalls Build reusable transformation code covering commonly needed Salesforce transformation patterns Who This Book Is For Those tasked with migrating data to Salesforce or building ongoing data integrations with Salesforce regardless of the ETL tool or middleware chosen project sponsors or managers nervous about data tracks putting their projects at risk aspiring Salesforce integration and or migration specialists Salesforce developers or architects looking to expand their skills and take on new challenges   Salesforce Reporting and Dashboards Johan Yu,2015-03-26 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   **Salesforce Lightning Reporting and Dashboards** Johan Yu,2017-08-03 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 **ChatGPT for Accelerating Salesforce Development** Andy Forbes,Philip Safir,Joseph Kubon,Francisco Fálder,2023-12-29 Harness ChatGPT for streamlined flows effective configuration proficient code writing and enhanced project activities Key Features Improve process quality and reduce costs by incorporating ChatGPT into your Salesforce projects Optimize project workflows and align technical capabilities with business goals Integrate ChatGPT s strengths with Salesforce expertise to innovate business analysis coding and testing approaches Purchase of the print or Kindle book includes a free PDF eBook Book DescriptionAuthored by a team of Salesforce masters with exemplary IT background ChatGPT for Salesforce Development helps you learn about the intricacies of Salesforce design configuration coding and testing demonstrating how ChatGPT can simplify complex setups and enhance project team efficiency With this book you ll unlock the effective use of ChatGPT for crafting user stories that align seamlessly with project goals learn how to design and implement Salesforce flows and quickly write clear comprehensive and high quality project documentation You ll leverage ChatGPT to write new Apex code decipher existing code and explore the development of web services and callouts This book covers everything from trigger creation to the development of Lightning Web Components LWC highlighting how these can accelerate the development process Applying ChatGPT s debugging capabilities you ll swiftly identify and resolve Salesforce issues to uphold the integrity and performance of your Salesforce applications By the end of this book you ll be adept at integrating ChatGPT at every stage of Salesforce project delivery from initial configuration to final testing What you will learn Masterfully craft detailed and engaging user stories tailored for Salesforce projects Leverage ChatGPT to design cutting edge features within the Salesforce ecosystem transforming ideas into functional and intuitive solutions Explore the integration of ChatGPT for configuring Salesforce environments Write Salesforce flows with ChatGPT enhancing workflow automation and efficiency Develop custom LWCs with ChatGPT s assistance Discover effective testing techniques using ChatGPT for optimized performance and reliability Who this book is for This book is for Salesforce developers offering

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