
Force Com Apex Code Developer Guide

Advanced Apex Programming for Salesforce.com and Force.com
 Cloud Computing Using Salesforce
 A Learner's Guide to Coding and Computational Thinking
 Practical Salesforce.com Development Without Code
 Development with the Force.com Platform
 Architect and deliver packaged applications that cater to enterprise business needs, 3rd Edition
 Mastering Application Development with Force.com
 Salesforce.com Lightning Process Builder and Visual Workflow
 Apex
 Salesforce Lightning Platform Enterprise Architecture
 Building Business Applications in the Cloud
 Development with the Force.com Platform
 Salesforce Platform Developer I Certification Guide
 Learn Salesforce Lightning
 A Beginner's Guide to Building Interactive Dashboards
 Build customized CRM applications that solve business challenges in just a few clicks
 Beginning Salesforce Developer
 Learning Apex Programming
 Advanced Apex Programming in Salesforce
 Write, Run and Deploy Apex Code with Ease
 Mastering Salesforce DevOps
 Building Business Applications in the Cloud
 Build, test, and streamline data pipelines to simplify development in Salesforce
 Build and Customize Applications for your business using the Salesforce Platform (English Edition)
 Force.com Enterprise Architecture
 Learning Salesforce Development with Apex
 Salesforce Platform Developer I Certification Guide
 Salesforce Coding Genius
 A Complete Salesforce Coding Framework Reference Guide
 Learning Salesforce Lightning Application Development
 The Visual Guide to the Lightning UI
 Become a Certified Advanced Salesforce Administrator with this exam guide
 Developing Applications with Salesforce Chatter
 Head First Java
 How to Work from Home and Make 6 Figures As an Apex Programmer
 A Complete Salesforce Coding Framework Reference Guide
 Solutions to help you implement, configure, and customize your business applications with Salesforce CRM and Lightning Experience
 Visualforce Developer's Guide
 Salesforce Advanced Administrator Certification Guide
 Build and test Lightning Components for Salesforce Lightning Experience using Salesforce DX

Force Com Apex Code Developer Guide

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KEIRA FRANKLIN

[Advanced Apex Programming for Salesforce.com and Force.com](#) Packt Publishing Ltd

What will you learn from this book? It's no secret the world around you is becoming more connected, more configurable, more programmable, more computational. You can remain a passive participant, or you can learn to code. With Head First Learn to Code you'll learn how to think computationally and how to write code to make your computer, mobile device, or anything with a CPU do things for you. Using the Python programming language, you'll learn step by step the core concepts of programming as well as many fundamental topics from computer science, such as data structures, storage, abstraction, recursion, and modularity. Why does this book look so different? Based on the latest research in cognitive science and learning theory, Head First Learn to Code uses a visually rich format to engage your mind, rather than a text-heavy approach that puts you to sleep. Why waste your time struggling with new concepts? This multi-sensory learning experience is designed for the way your brain really works.

Cloud Computing Using Salesforce Pearson Education

Hands-On Low-Code Application Development with Salesforce follows the "Clicks, not Code" mantra to develop business applications within the

Salesforce environment. This book will help you increase your productivity by understanding the core concepts of metadata-driven development.

A Learner's Guide to Coding and Computational Thinking Apress

Implement DevOps for Salesforce and explore its features Key Features Learn DevOps principles and techniques for enterprise operations in Salesforce Implement Continuous Integration and Continuous Delivery using tools such as Jenkins and Ant script Use the Force.com Migration Tool and Git to achieve versioning in Salesforce Book 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 learn Implement DevOps for Salesforce and understand the benefits it offers Abstract the features of Force.com MigrationTool to migrate and retrieve metadata Develop your own CI/CD Pipeline for Salesforce project Use Qualitia to perform scriptless automation for Continuous Testing Track application changes using Bugzilla Apply Salesforce best practices to implement DevOps Who 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.

Practical Salesforce.com Development Without Code Addison-Wesley Professional

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 BPB Publications

Architect and deliver packaged Force.com applications that cater to enterprise business needsKey Features* Salesforce Lightning Wizard Framework - A framework built on the top of Lightning to support complex requirements of organisations* Salesforce Batch Framework - A framework built on Apex, Native Salesforce which helps organisations to achieve any complex asynchronous jobs requirements easily* Salesforce Trigger Framework - Step-by-Step process to adopt with Trigger framework which support any complex real time business operations and also reduces cyclomatic complexity at the same time.Book DescriptionSalesforce Coding Genius is neither a tutorial nor a book for beginners. Intended for developers who are already familiar with the Apex language, and experienced Java and C# developers who are moving to Apex, this book starts where the Salesforce Apex documentation leaves off.Are you facing a challenging Salesforce.com problem--say, relating to automation, configuration, formulation, or reporting--that you can't quite crack? Or maybe you are hoping to infuse some creativity into your solution design strategy to solve problems faster or make solutions more efficient? Salesforce Coding Genius shows you how to unlock the power of the Force.com platform to solve real business problems--and all without writing a line of code. Adhering to Salesforce.com's "clicks, not code", Salesforce.com expert Markus Koche walks you through different business problems and identifies effective, creative--and proven--approaches to solutions using the platform's declarative framework.If you are a Salesforce.com administrator, analyst, consultant, or developer, you can attest to the insatiable appetite of users for new functionality. Your clients expect solutions--and now with Salesforce Coding Genius you can deliver a best solution for your project.What you will learn* Package, install, test, and upgrade an application* Define architecture-aligning data storage and functional requirements* Develop Apex code that is easy to navigate, self-documenting, testable, robust, and organic* Leverage your application's clientagnostic Service layer backbone to support numerous platform areas* Get the most from hosting your application within the Lightning Experience and Salesforce1 Mobile clients* Apply querying, indexing, and asynchronous best practices* Leverage mocking and dependency injection in your Apex tests* Explore tips for developing advanced applicationsThe purpose of this book is to detail best practice for Apex code development on the Salesforce project which should be followed by developers working on the project. It also details some design patterns and testing frameworks which should be adopted where possible to provide robust and scalable platforms as follows:+ Salesforce Lightning Wizard Framework + Salesforce Batch Apex Framework+ Salesforce Trigger Framework+ Salesforce Lightning Component FrameworkThese frameworks helps in understanding the basics of Apex / Lightning. It is designed on the top of existing Apex or Lightning Framework which extends the use cases of most common business logics. This book has defined a lightning component framework that will be leveraged and utilised on the project. For any query or concern drop us a mail on info@expounddigital.com

Architect and deliver packaged applications that cater to enterprise business needs, 3rd Edition Apress

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.

Mastering Application Development with Force.com Apress

Build interactive dashboards using Salesforce Einstein analytics. Explore all of your data quickly and easily by providing AI-powered advanced analytics, right in Salesforce. You will manage datasets, query data with Salesforce Analytics Query Language (SAQL), and customize dashboards. Because Einstein Analytics is new, the curve to learn this technology can be difficult. This book guides you step-by-step in simple, easy-to-understand terms to get data from the Salesforce platform to the Einstein Analytics platform and also shows you how to import external data (e.g., CSV files).

Core chapters focus on understanding data sources, dataflow, dataset, and lens leading up to building dashboards from scratch. Advanced features such as data transformation using computeExpression and computeRelative as well as dataflow with a multi-value lookup are explored. What You Will Learn Use data from Salesforce and external sources Create a dataflow to build a flexible dataset Build dashboards using Einstein Analytics Explore and analyze data using Einstein Analytics Utilize SAQL and binding to create advance dashboards Who This Book Is For IT users getting started with Einstein Analytics, Salesforce consultants starting new Einstein Analytics projects, and power users familiar with Salesforce reporting and dashboards who want to get up to speed on new analytics features

Salesforce.com Lightning Process Builder and Visual Workflow Apress

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.

Apex BPB Publications

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

Salesforce Lightning Platform Enterprise Architecture "O'Reilly Media, Inc."

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

Building Business Applications in the Cloud Packt Pub Limited

Beyond the Force.com documentation - Third 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, 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. This third edition contains updates through Summer 15 (API 34) along with significant new content on asynchronous design patterns, optimization and maintaining Apex applications.

Development with the Force.com Platform BPB Publications

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

Salesforce Platform Developer I Certification Guide Packt Publishing Ltd

Build and deploy scalable applications on the Salesforce Lightning Platform using the latest features of Spring '19 Key Features An end-to-end-guide with practice tests to help you achieve the Salesforce Platform Developer certification Design data models, user interfaces, and business logic for your custom applications Understand the complete development life cycle from designing to testing Book Description Salesforce Lightning Platform, used to build enterprise apps, is being increasingly adopted by admins, business analysts, consultants, architects, and especially developers. With this Salesforce certification, you'll be able to enhance your development skills and become a valuable member of your organization. This certification guide is designed to be completely aligned with the official exam study guide for the latest Salesforce Certified Platform Developer I release and

includes updates from Spring '19. Starting with Salesforce fundamentals and performing data modeling and management, you'll progress to automating logic and processes and working on user interfaces with Salesforce components. Finally, you'll learn how to work with testing frameworks, perform debugging, and deploy metadata, and get to grips with useful tips and tricks. Each chapter concludes with sample questions that are commonly found in the exam, and the book wraps up with mock tests to help you prepare for the DEV501 certification exam. By the end of the book, you'll be ready to take the exam and earn your Salesforce Certified Platform Developer I certification. What you will learn Solve sample questions and mock tests and work with exam patterns Gain an understanding of declarative Salesforce tools such as Process Builder, flows, and many more Code in Salesforce using the Developer Console and IDEs Grasp the basics of object-oriented programming Write Apex classes, Visualforce pages, and Apex test classes with easy-to-follow steps Explore the different deployment tools that you can use to push metadata to different environments Build custom declarative apps and programs on Force.com platforms Who this book is for The Salesforce Platform Developer I Certification Guide is for you if you want to learn how to develop and deploy business logic and user interfaces using the capabilities of the Lightning Platform. No prior knowledge of Apex programming is required.

[Learn Salesforce Lightning](#) Packt Publishing Ltd

Apex is THE most lucrative programming language in the business world. You know why? Because it's connected to the most powerful and most popular Cloud CRM Platform in the world. Learning Apex not only makes you one of the most sought after programmers by businesses all over, but you join one of the most elite group of developers in the business world. In the first part of this book you will be introduced to Salesforce objects, fields, records and tabs. You'll also learn how to use the developer console to debug your Apex code, analyze logs, run queries, tests and more. You then learn the basic programming concepts of Apex Triggers and Classes including writing methods, working with variables, data types, lists and loops, and how to interact with Salesforce records using SOQL, SOSL and DML. As you progress through the book, you will learn how to:- Use powerful tools such as Developer Console and Visual Studio Code- Create Apex Triggers and Classes using the Apex Programming language- Interact with Salesforce data using SOQL, SOSL and DML- Learn how to write test classes for your Apex Triggers and Classes and migrate your code to production- This book also includes best practices as well as information on resources you can use If you've been thinking about programming but not sure which language to learn, start with Apex! You won't find a more in demand programming skill that you can get started with very fast! What are you waiting for? Get started today!

[A Beginner's Guide to Building Interactive Dashboards](#) Apress

This practical guide brings DevOps principles to Salesforce development. It fits together two major movements within the IT world: the movement to Software/Platform as a Service (SaaS/PaaS), and the DevOps movement. While SaaS and PaaS allow companies to invest in their core competencies rather than maintain their own infrastructure, the goal of DevOps is to optimize the process of delivering software innovation and value. The release of Salesforce DX in late 2017 unlocks the possibility of a true DevOps workflow on Salesforce. But DevOps is new to the Salesforce world and there is not a widespread understanding of its goals and methods, and so adoption of Salesforce DX is still in the early stages. Mastering Salesforce DevOps explains how to build a powerful and comprehensive DevOps workflow for Salesforce—allowing you to finally deploy the world's most innovative platform using the world's most effective and efficient techniques. It addresses the need for a comprehensive guide to DevOps for Salesforce, allowing teams to bring proven practices from the IT world to resolve the hardest problems facing Salesforce developers today. What You Will Learn Improve company performance and software delivery performance using Salesforce DX Translate DevOps concepts into the unique language and practices of Salesforce Understand why and how you can implement Salesforce DX to achieve greater productivity and innovation Enable continuous delivery on Salesforce Build packages and architect code so it can be deployed easily Allow admins to participate in what has traditionally been a developer workflow Know the techniques for reducing the stress and risk of deployment Apply the full range of automated tests that can be used on Salesforce Who This Book Is for Salesforce developers, release managers, and those managing Salesforce development teams who need a guide to DevOps, and DevOps specialists who need to apply familiar concepts to Salesforce

[Build customized CRM applications that solve business challenges in just a few clicks](#) Packt Publishing Ltd

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.

[Beginning Salesforce Developer](#) Packt Publishing Ltd

[Mastering Apex Programming](#)A developer's guide to learning advanced techniques and best practices for building robust Salesforce applicationsPackt Publishing Ltd

[Learning Apex Programming](#) Lulu.com

Learn to harness the power of the Apex language to build Salesforce applications Key Features a- Learn how to work with the Apex language a- Learn how to develop Apex Triggers a- Learn how to use SOQL and SOSL to retrieve data a- Learn how to write Object-Oriented Salesforce code a- Explore the best practices to deliver scalable and maintainable code Description This book covers the fundamentals of the Salesforce Apex programming language used by developers to build powerful applications in the cloud. 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. By the end of the book, the reader will know how to start developing applications using Apex with confidence. What will you learn a- Learn how to declare variables in Apex. a- Understand how to work with collections in Apex. a- Use different control statements within Apex to control program flow. a- Learn how to use the built-in tools to test in Apex. a- Understand how to make callouts to external applications and data sources. Who this book is for 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 About the Author Paul Battisson is a 7x Salesforce MVP, holds numerous Salesforce certifications, is a Salesforce Certified Instructor and co-leader of the Leeds Salesforce Developer Group. He runs the CloudBites.TV website and YouTube channel, which has over 108k views of free training content for Salesforce admins, developers and architects. He is the COO of Cloud Galacticos, a UK based Salesforce consulting partner. Your Blog links: www.paulbattisson.com www.cloudbites.tv Your LinkedIn Profile: <https://www.linkedin.com/in/paulbattisson/>

[Advanced Apex Programming in Salesforce](#) Apress

Architect and deliver packaged Force.com applications that cater to enterprise business needsKey Features* Salesforce Lightning Wizard Framework - A framework built on the top of Lightning to support complex requirements of organisations* Salesforce Batch Framework - A framework built on Apex, Native Salesforce which helps organisations to achieve any complex asynchronous jobs requirements easily* Salesforce Trigger Framework - Step-by-Step process to adopt with Trigger framework which support any complex real time business operations and also reduces cyclomatic complexity at the same time.Book DescriptionSalesforce Coding Genius is neither a tutorial nor a book for beginners. Intended for developers who are already familiar with the Apex language, and experienced Java and C# developers who are moving to Apex, this book starts where the Salesforce Apex documentation leaves off.Are you facing a challenging Salesforce.com problem--say, relating to automation, configuration, formulation, or reporting--that you can't quite crack? Or maybe you are hoping to infuse some creativity into your solution design strategy to solve problems faster or make solutions more efficient? Salesforce Coding Genius shows you how to unlock the power of the Force.com platform to solve real business problems--and all without writing a line of code. Adhering to Salesforce.com's "clicks, not code", Salesforce.com expert Markus Koche walks you through different business problems and identifies effective, creative--and proven--approaches to solutions using the platform's declarative framework.If you are a Salesforce.com administrator, analyst, consultant, or developer, you can attest to the insatiable appetite of users for new functionality. Your clients expect solutions--and now with Salesforce Coding Genius you can deliver a best solution for your project.What you will learn* Package, install, test, and upgrade an application* Define architecture-aligning data storage and functional requirements* Develop Apex code that is easy to navigate, self-documenting, testable, robust, and organic* Leverage your application's clientagnostic Service layer backbone to support numerous platform areas* Get the most from hosting your application within the Lightning Experience and Salesforce1 Mobile clients* Apply querying, indexing, and asynchronous best practices* Leverage mocking and dependency injection in your Apex tests* Explore tips for developing advanced applicationsThe purpose of this book is to detail best practice for Apex code development on the Salesforce project which should be followed by developers working on the project. It also details some design patterns and testing frameworks which should be adopted where possible to provide robust and scalable platforms as follows:+ Salesforce Lightning Wizard Framework + Salesforce Batch Apex Framework+ Salesforce Trigger Framework+ Salesforce Lightning Component FrameworkThese frameworks helps in understanding the basics of Apex / Lightning. It is designed on the top of existing Apex or Lightning Framework which extends the use cases of most common business logics. This book has defined a lightning component framework that will be leveraged and utilised on the project. The framework is detailed below.★★★★★Dont forget to share your story with us. We would love to hear from you how this book helps you. ★★★★★NOTE: Due to some technical glitches initial version of this book doesnt print examples so we have updated the book with latest version . For any query or concern drop us a mail on info@expounddigital.com

[Write, Run and Deploy Apex Code with Ease](#) Packt Pub Limited

Harness the power of Apex design patterns to build robust and scalable code architectures on the Force.com platform About This Book Apply Creational, Structural and behavioural patterns in Apex to fix governor limit issues. Have a grasp of the anti patterns to be taken care in Apex which could have adverse effect on the application. The authors, Jitendra Zaa is a salesforce MVP and Anshul Verma has 12+ years of experience in the area of application development. Who This Book Is For If you are a competent developer with working knowledge of Apex, and now want to deep dive into

the world of Apex design patterns to optimize the application performance, then this book is for you. Prior knowledge of Salesforce and Force.com platform is recommended. What You Will Learn Apply OOPs principal in Apex to design a robust and efficient solution to address various facets to a business problem Get to grips with the benefits and applicability of using different design patterns in Apex Solve problems while instantiating, structuring and giving dynamic behavior to Apex classes Understand the implementation of creational, structural, behavioral, concurrency and anti-patterns in your application Follow the Apex best practices to resolve governor limit issues Get clued up about the Inheritance, abstract classes, polymorphism in Apex to deal with the object mechanism Master various design patterns and determine the best out of them Explore the anti patterns that could not be applied to Apex and their appropriate solutions In Detail Apex is an on-demand programming language providing a complete set of features for building business applications – including data models and objects to manage data. Apex being a proprietor programming language from Salesforce to be worked with multi tenant environment is a lot different than traditional OOPs languages like Java and C#. It acts as a workflow engine for managing collaboration of the data between users, a user interface model to handle forms and other interactions, and a SOAP API for programmatic access and integration. Apex Design Patterns gives you an insight to several problematic situations that can arise while developing

on Force.com platform and the usage of Design patterns to solve them. Packed with real life examples, it gives you a walkthrough from learning design patterns that Apex can offer us, to implementing the appropriate ones in your own application. Furthermore, we learn about the creational patterns that deal with object creation mechanism and structural patterns that helps to identify the relationship between entities. Also, the behavioural and concurrency patterns are put forward explaining the communication between objects and multi-threaded programming paradigm respectively. We later on, deal with the issues regarding structuring of classes, instantiating or how to give a dynamic behaviour at a runtime, with the help of anti-patterns. We learn the basic OOPs principal in polymorphic and modular way to enhance its capability. Also, best practices of writing Apex code are explained to differentiate between the implementation of appropriate patterns. This book will also explain some unique patterns that could be applied to get around governor limits. By the end of this book, you will be a maestro in developing your applications on Force.com for Salesforce Style and approach This book is a step-by-step guide, complete with well-tested programs and real world situations to solve your common occurring problems in Apex design by using the anti-patterns. It gets crackling from exploring every appropriate solution to comparing the best one as per OOPs principal.