



Mastering Application Development with Force.com

By Kevin J. Poorman



Mastering Application Development with Force.com By Kevin J. Poorman

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.

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Editorial Review

About the Author

Kevin J. Poorman

Kevin J. Poorman has been working with the Salesforce1 platform since 2008. He has architected and built a number of applications on the platform for enterprises and fortune 500 companies in the advertising industry. He has been a Force.com MVP for 3 years. He is active in the community as a developer user group leader, and he can also regularly be found blogging at <http://www.codefriar.com>, on Twitter (@codefriar), and on the #salesforce IRC channel as well as on the Salesforce developer forums and Salesforce stack overflow. He has also created and maintains the ngForce library for writing Angular.js apps on the platform. In 2015, Kevin joined the Salesforce Marketing Cloud as a senior customer success architect helping marketers succeed at mobile marketing. He regularly speaks on mobile development using Salesforce1, the Salesforce Marketing Cloud, Ionic, and RubyMotion.

Users Review

From reader reviews:

Vicki Shah:

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