

[FREE] Force.com Enterprise Architecture

# Force.com Enterprise Architecture

Von Andrew Fawcett

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## Force.com Enterprise Architecture

Blend industry best practices to architect and deliver packaged Force.com applications that cater to enterprise business needs

Foreword by Joshua Birk, Salesforce Developer Evangelist

Andrew Fawcett

[PACKT] enterprise  
PUBLISHING professional expertise distilled

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**Von Andrew Fawcett : Force.com Enterprise Architecture** before purchasing it in order to gage whether or not it would be worth my time, and all praised Force.com Enterprise Architecture:

KundenrezensionenHilfreichste Kundenrezensionen1 von 1 Kunden fanden die folgende Rezension hilfreich. Software Architecture Best Practices applied to a very special platform - a must have for Force.com developersVon R. SsemannUntil now as a professional Force.com developer you had to rely on your own hard experience on the platform or on a combination of Blog posts and small articles. Such small bits of wisdom are fragmented and often do not help when big design decision have to be made. Besides that: As fast as the platform evolves such knowledge gets outdated or simply wrong.Real books, especially about long-lived patterns and application architecture, which exist in regular enterprise development for years were practically non-existant in that space.Andrew Fawcett is not the only, but definitely the most proficient Salesforce expert when it come to applying and rethinking industry-best practices like Enterprise Application Patterns to Force.com. Many tried to simply apply patterns to the platform and basically failed do to the special limits and restrictions of the platform.Andrew took his deep knowledge from his day job as

CTO of FinancialForce.com and his years of community work and created Force.com specific enterprise patterns which not only exist and work inside a book but also inside many Force.com apps out there. ApexCommons, a library on GitHub is a Framework for application developers that the author created and evolved in the last years. All his practical experience was condensed into the highly valuable book.0 von 0 Kunden fanden die folgende Rezension hilfreich. A must-read for ISV's or independent Apex developers Von G. Neumann If you are interested in a book with loads of cool Apex code then this is not your book. However, if you are interested in publishing or even selling your own Apex package, then you definitely should buy this book. Be aware that it is not written for the layman but for the experienced developer who wants to productize her piece of work. Fawcett shows you how to setup your environment and then guides you step-by-step through the release. On top of that Fawcett discusses design pattern which will certainly help you develop maintainable code.

Kurzbeschreibung Blend industry best practices to architect and deliver packaged Force.com applications that cater to enterprise business needs About This Book Build your own application from start to finish, making use of unique tools and platform features Learn how to use the platform to build a truly integrated, scalable, and robustly engineered application to design, develop, package, and support an application focusing on enterprise-level customer demands Build the first iteration of your own ready-to-install packaged application with the help of a mix of step-by-step, worked examples and tips and tricks that discuss and answer key architectural questions 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. You should have an existing understanding of Apex and Visualforce. Those familiar with other enterprise software ecosystems will also find this book ideal as they adopt Force.com. What You Will Learn Learn how to package, install, test, and upgrade an application, and understand how best to license and support an application Define architecture-aligning data storage and functional requirements with the platform for a consistent and integrated user experience using the platform's declarative features Develop Apex code that is easy to navigate, self-documenting, testable, robust, and organic leveraging the Separation of Concerns principle Leverage your application's client-agnostic Service layer backbone to support numerous platform areas such as Batch, Scheduler, Visualforce, and the latest Salesforce1 client Apply querying, indexing and asynchronous best practices, guidelines, and patterns for large data volumes and complex processes covering custom indexes and Batch Apex Explore approaches and tips on how to develop advanced application life cycle processes around Source Control, Continuous Integration, and testing, utilizing the Metadata and Tooling APIs from Salesforce In Detail Successful enterprise applications require planning, commitment, and investment in understanding the best practices, processes, tools, 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. As your development team grows, managing the development cycle with more robust application life cycle tools and using approaches such as Continuous Integration becomes increasingly important. There are many ways to build solutions on Force.com this book cuts a logical path through the steps and considerations for building packaged solutions from start to finish, covering 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. Kurzbeschreibung Blend industry best practices to architect and deliver packaged Force.com applications that cater to enterprise business needs About This Book Build your own application from start to finish, making use of unique tools and platform features Learn how to use the platform to build a truly integrated, scalable, and robustly engineered application to design, develop, package, and support an application focusing on enterprise-level customer demands Build the first iteration of your own ready-to-install packaged application with the help of a mix of step-by-step, worked examples and tips and tricks that discuss and answer key architectural questions 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. You should have an existing understanding of Apex and Visualforce. Those familiar with other enterprise software ecosystems will also find this book ideal as they adopt Force.com. What You Will Learn Learn how to package, install, test, and upgrade an application, and understand how best to license and support an application Define architecture-aligning data storage and functional requirements with the platform for a consistent and integrated user experience using the platform's declarative features Develop Apex code that is easy to navigate, self-documenting, testable, robust, and organic leveraging the Separation of Concerns principle Leverage your application's client-agnostic Service layer backbone to support numerous platform areas such as Batch, Scheduler, Visualforce, and the latest Salesforce1 client Apply querying, indexing and asynchronous best practices, guidelines, and patterns for large data volumes and complex processes covering custom indexes and Batch Apex Explore approaches and tips on how to develop advanced application life cycle processes around Source Control, Continuous Integration, and testing, utilizing the Metadata and Tooling APIs from Salesforce In Detail Successful enterprise applications require planning, commitment, and investment in understanding the best practices, processes, tools, 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. As your development team grows, managing the development cycle with more robust application life cycle tools and using approaches such as Continuous Integration becomes increasingly important. There are many ways to build solutions on Force.com this book cuts a logical path through the steps and considerations for building packaged solutions from start to finish, covering 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.

ber den Autor und weitere Mitwirkende Andrew Fawcett Andrew Fawcett has over 20 years of experience, holding several software-development-related roles with increasing focus and responsibility around enterprise-level product architectures with major international accounting and ERP software vendors over the years. He is experienced in performing and managing all aspects of the software development life cycle across various technology platforms, frameworks, industry design patterns, and methodologies, more recently Salesforce's Force.com and Heroku. He is currently a CTO, Force.com MVP, and Salesforce Certified Developer within a UNIT4 and salesforce.com-funded start-up company, FinancialForce.com. He is responsible for driving platform adoption, relationship, and technical strategy across the product suite. He is an avid blogger, a StackExchange junkie, an open source contributor and project owner, and an experienced speaker at various Salesforce and FinancialForce.com events. He loves watching Formula1 motor racing, movies, and building cloud-controlled Lego robots! His Twitter handle is @andyinthecloud. His Lego robot Twitter handle and website is @brickinthecloud.