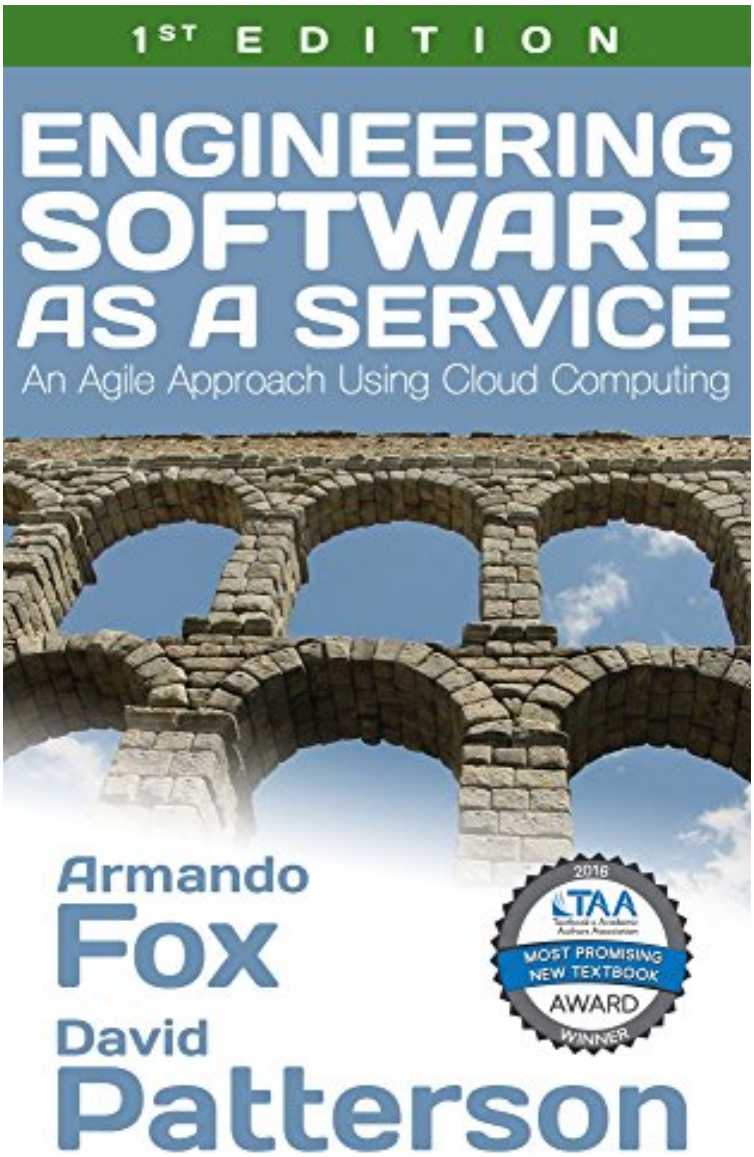
Engineering Software as a Service: An Agile Approach Using Cloud Computing (English Edition)

Von Armando Fox, David Patterson
*audiobook | *ebooks | Download PDF | ePub | DOC*



Produktinformation -Verkaufsrang: #285899 in eBooksVerffentlicht am: 2014-01-03Erscheinungsdatum: 2014-01-03File Name: B00CCEHNUM | File size: 49.Mb

Von Armando Fox, David Patterson : Engineering Software as a Service: An Agile Approach Using Cloud Computing (English Edition) before purchasing it in order to gage whether or not it would be worth my time, and all praised Engineering Software as a Service: An Agile Approach Using Cloud Computing (English Edition):

KundenrezensionenHilfreichste Kundenrezensionen0 von 0 Kunden fanden die folgende Rezension hilfreich. A fantastic introductory book to cloud computing and agile software development!Von Juan Pablo De GutierrezThe title says it all. It is a fantastic introduction in cloud computing and best software practices. The authors present concepts and principles through the Ruby on Rails framework, the underlying argument being that the features of the Ruby programming language and the Ruby on Rails framework promote good practices and higher productivity. Ans so it is. Besides understanding why the features of the Ruby programming language are meaningful, and how to make use of them in terms of good software practices (DRY, conciseness, ...), you will learn how Ruby on Rails promoted agile development and good programming practices through its design and third party libraries. For example, the authors give an introduction to behavior driven development with capybara and cucumber, and test driven development with rspec.Every now and then I find myself re-reading some parts of the book. Why?. Because concepts are presented in a concise yet clear way, and, IMHO maybe the book's main virtue, it provides with a general and structured view of the field. As described above, the book covers a wide range of topics, and does it in a structured way. The authors do not give a detailed description of the tools nor of the Ruby language, but that is for me that is another of the book's great feat. You will learn just enough to be able to work with the framework and work through the different aspects of cloud computing and agile development. It is then later on much easier to discern what to learn next.I took the first edition of their online-course (which back then was offered by Coursera, and now by Edx ([...])). I found it highly rewarding and would recommend anyone to take it. Even if you do not work on cloud computing (like it is my case).2 von 5 Kunden fanden die folgende Rezension hilfreich. Title misleadingVon Dr Markus WeberThis book ranks high as probably the worst book on computing I ever read (and I've read a few in the last 35 years). It's written as a companion to a university course, and this shows through in all places - you feel teased and not given the information you're looking for, goaded to go to secondary or tertiary sources to get what you want. Typically what you expect of a course script, which provides you just the rough structure and the necessary hints to go out to the university library, check out the original sources and spend your days and nights figuring out what this is all about.The first 2 chapters provide a reasonable introduction to the topic of "services" - and that's where it ends. The rest is split in 2 parts: A (poor) Ruby programming course and another introduction to Agile Software Development in general. You get presented with some tools (mind, this is neither a comprehensive list nor does it attempt to be - it's 100% biased by the authors own preferences and opinions) and you never get to the real stuff.The epitome is the description of how connecting the client to the server occurs - the glue stuff which is "standard" and which you do neither need nor want to tackle yourself - ending in a lapidary comment that finally this is connected to a "database" (the actual "software service" you'd be providing), a discussion of which is "out of the scope of this book". So you never get to the point where you'd "engineer your software as a service".Thankfully it's cheap (at least the Kindle version) - so it wasn't a huge waste of money. But that's the best I can say about it

KurzbeschreibungA one-semester college course in software engineering focusing on cloud computing, software as a service (SaaS), and Agile development using Extreme Programming (XP). This book is neither a step-by-step tutorial nor a reference book. Instead, our goal is to bring a diverse set of software engineering topics together into a single narrative, help readers understand the most important ideas through concrete examples and a learn-by-doing approach, and teach readers enough about each topic to get them started in the field. Courseware for doing the work in the book is available as a virtual machine image that can be downloaded or deployed in the cloud. A free MOOC (massively open online course) at saas-class.org follows the book's content and adds programming assignments and quizzes. See http://saasbook.info for details.KurzbeschreibungA one-semester college course in software engineering focusing on cloud computing, software as a service (SaaS), and Agile development using Extreme Programming (XP). This book is neither a step-by-step tutorial nor a reference book. Instead, our goal is to bring a diverse set of software engineering topics together into a single narrative, help readers understand the most important ideas through concrete examples and a learn-by-doing approach, and teach readers enough about each topic to get them started in the field. Courseware for doing the work in the book is available as a virtual machine image that can be downloaded or deployed in the cloud. A free MOOC (massively open online course) at saas-class.org follows the book's content and adds programming assignments and quizzes. See http://saasbook.info for details.ber den Autor und weitere MitwirkendeArmando Fox is a Professor at UC Berkeley, the faculty advisor to the UC Berkeley MOOCLab, and the winner of the 2015 Karl V. Karlstrom Outstanding Educator award from the Association for Computing Machinery. During his previous time at Stanford, he received teaching and mentoring awards from the Associated Students of Stanford University, the Society of Women Engineers, and Tau Beta Pi Engineering Honor Society. He was named one of the "Scientific American 50" in 2003 and is the recipient of an NSF CAREER award and the Gilbreth Lectureship of the National Academy of Engineering. In previous lives he helped design the Intel Pentium Pro microprocessor and founded a successful startup to commercialize his UC Berkeley dissertation research on mobile computing. He received his other degrees in electrical engineering and computer science from MIT and the University

of Illinois and is an ACM Distinguished Member. David Patterson is the Pardee Professor of Computer Science at UC Berkeley and is currently Director of the Parallel Computing Lab. In the past, he served as Chair of Berkeley's CS Division, Chair of the CRA, and President of the ACM. His best-known research projects are Reduced Instruction Set Computers (RISC), Redundant Arrays of Inexpensive Disks (RAID), and Network of Workstations (NOW). This research led to many papers, 5 books, and about 30 of honors, including election to the National Academy of Engineering, the National Academy of Sciences, the Silicon Valley Engineering Hall of Fame, and Fellow of the Computer History Museum. His teaching awards include the Distinguished Teaching Award (UC Berkeley), the Karlstrom Outstanding Educator Award (ACM), the Mulligan Education Medal (IEEE), and the Undergraduate Teaching Award (IEEE). He received all his degrees from UCLA.