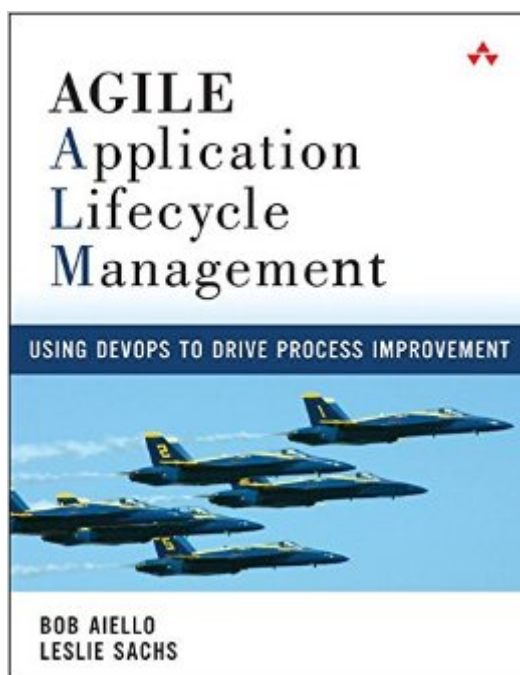


The book was found

Agile Application Lifecycle Management: Using DevOps To Drive Process Improvement



Synopsis

Integrate Agile ALM and DevOps to Build Better Software and Systems at Lower Cost

Agile Application Lifecycle Management (ALM) is a comprehensive development lifecycle that embodies essential Agile principles and guides all activities needed to deliver successful software or systems. Agile ALM embodies Agile Configuration Management (CM) and much more. Flexible and robust, it offers a just enough process to get the job done and leverages DevOps to enhance interactions among all participants.

Agile Application Lifecycle Management offers practical advice and strategies for implementing Agile ALM in your complex environment. Leading experts Bob Aiello and Leslie Sachs show how to fully leverage Agile benefits without sacrificing structure, traceability, or repeatability. You will find realistic guidance for managing source code, builds, environments, change control, releases, and more. The authors help you support Agile in organizations that maintain traditional practices; conventional ALM systems; or siloed, non-Agile teams. They also show how to scale Agile ALM to large or distributed teams, and to environments from cloud to mainframe.

Coverage includes

- Understanding key concepts underlying modern application and system lifecycles
- Creating your best processes for developing your most complex software and systems
- Automating build engineering, continuous integration, and continuous delivery/deployment
- Enforcing Agile ALM controls without compromising productivity
- Creating effective IT operations that align with Agile ALM processes
- Gaining more value from testing and retrospectives
- Making ALM work in the cloud, and across the enterprise
- Preparing for the future of Agile ALM

Today, you need maximum control, quality, and productivity, and this guide will help you achieve those by using Agile ALM, CM, and DevOps together.

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Customer Reviews

I used Mr. Aiello's and Ms. Sachs' previous book (CM Best Practices) in establishing a framework for doing real-world software development in the academic environment, as well as the textbook for a graduate level course in software configuration management, an overlooked but critical software engineering discipline. Mr. Aiello correctly states that applying "just enough process" is critical in effectively managing the software lifecycle, especially if you are designing a development framework customized for a particular environment -- in my case, the academic environment. Incorporating DevOps into your development framework is especially important in Agile-based mission critical systems. I will be using this book as the text for upcoming software configuration management class.

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