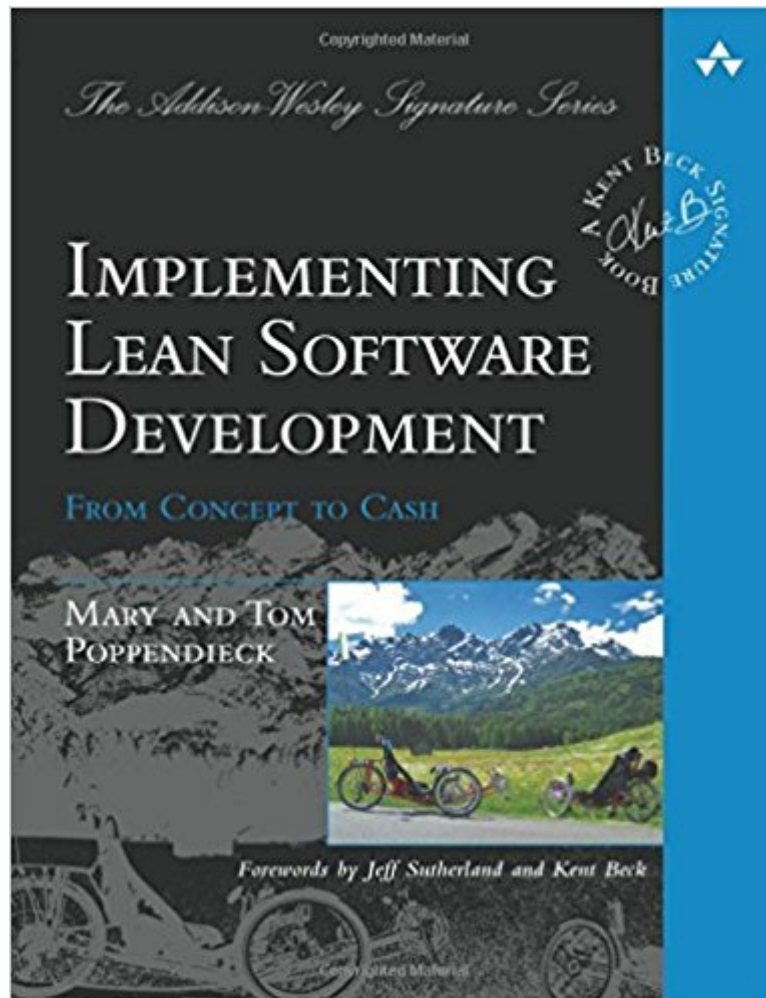




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Implementing Lean Software Development: From Concept To Cash



Synopsis

"This remarkable book combines practical advice, ready-to-use techniques, and a deep understanding of why this is the right way to develop software. I have seen software teams transformed by the ideas in this book." --Mike Cohn, author of *Agile Estimating and Planning*

"As a lean practitioner myself, I have loved and used their first book for years. When this second book came out, I was delighted that it was even better. If you are interested in how lean principles can be useful for software development organizations, this is the book you are looking for. The Poppendiecks offer a beautiful blend of history, theory, and practice." --Alan Shalloway, coauthor of *Design Patterns Explained*

"I've enjoyed reading the book very much. I feel it might even be better than the first lean book by Tom and Mary, while that one was already exceptionally good! Mary especially has a lot of knowledge related to lean techniques in product development and manufacturing. It's rare that these techniques are actually translated to software. This is something no other book does well (except their first book)." --Bas Vodde

"The new book by Mary and Tom Poppendieck provides a well-written and comprehensive introduction to lean principles and selected practices for software managers and engineers. It illustrates the application of the values and practices with well-suited success stories. I enjoyed reading it." --Roman Pichler

"In *Implementing Lean Software Development*, the Poppendiecks explore more deeply the themes they introduced in *Lean Software Development*. They begin with a compelling history of lean thinking, then move to key areas such as value, waste, and people. Each chapter includes exercises to help you apply key points. If you want a better understanding of how lean ideas can work with software, this book is for you." --Bill Wake, independent consultant

In 2003, Mary and Tom Poppendieck's *Lean Software Development* introduced breakthrough development techniques that leverage Lean principles to deliver unprecedented agility and value. Now their widely anticipated sequel and companion guide shows exactly how to implement Lean software development, hands-on. This new book draws on the Poppendiecks' unparalleled experience helping development organizations optimize the entire software value stream. You'll discover the right questions to ask, the key issues to focus on, and techniques proven to work. The authors present case studies from leading-edge software organizations, and offer practical exercises for jumpstarting your own Lean initiatives.

Managing to extend, nourish, and leverage agile practices
Building true development teams, not just groups
Driving quality through rapid feedback and detailed discipline
Making decisions Just-in-Time, but no later
Delivering fast: How PatientKeeper delivers 45 rock-solid releases per year
Making tradeoffs that really satisfy customers

Implementing Lean Software Development is indispensable to anyone who wants more effective development processes--managers, project leaders, senior

developers, and architects in enterprise IT and software companies alike.

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Customer Reviews

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Mary Poppendieck is a seasoned leader in operations and product development with more than thirty years of IT experience. She has led teams implementing solutions ranging from enterprise supply chain management to digital media, and built one of 3M's first Just-in-Time Lean production systems. Mary is the president of Poppendieck LLC, which specializes in bringing Lean techniques to software development. Tom Poppendieck is an enterprise analyst, architect, and agile process mentor with more than twenty-five years of experience developing and implementing complex systems. He currently assists organizations in applying Lean principles and tools to software development processes.

Almost 11 years ago, I read the Poppendieck's first book *Lean Software Development*, but I recently attended training to become a Scaled Agile Framework (SAFe) Agilist. It was at that training that I learned about *Implementing Lean Software Development* (and *Leading Lean Software Development*). I decided that I would benefit from these later works since they are foundational material for SAFe. Now, I can tell you that the second installment is just as good as the first. This installment gives a good foundation in the background of lean based on Toyota, and it includes good foundations in the seven lean principles as applied to software development. The

authors continue the format that they used for their first book where they present principles and give tools for thinking rather than overly simplistic “best practices”. Each chapter ends with a “Try This” section with questions and suggestions for how to use the principles within your own environment. Each one is excellent, but I found Chapter 9 on Partners to be of particular importance. They outline three common reasons for outsourcing that are actually harmful. I discussed the topic with two of my colleagues, and both of them named two of the three. However, neither of them cited the valid reason that the authors give - increasing knowledge and capability. In addition, I liked the theme that runs through the book of enabling people to think and experiment using the scientific method. This is truly a lost art as too many companies try to substitute tools and process for intellectual capability. I won’t attempt to cover everything that the authors did, but hopefully I’ve raised your curiosity. I highly recommend Implementing Lean Software Development. The first book is not a prerequisite, but it is good complementary material. Anyone who wants to improve their knowledge on lean software development will benefit from this book. Now, I’m off to dive in to Leading Lean Software Development.

Great book, slow read. This book and a two day class got me my PSM certification.

I am satisfied with this product.

Anyone that claims to be Lean, Agile, Scrum-based, etc... should read this. You might realize you’ve gotten it wrong all along. It’s not just about morning stand-ups and iterations. It’s about how you operate principally with your customers. This book covers it all and gives you an understanding beyond just the implementation steps.

I’m very impressed with this book. Unlike most Agile books (that focus on the decorations of the process), this gem dives right into the principles of the process. I especially like how the authors go back to proven manufacturing models to show that software development is engineering and not science. I’ve read a ton of Agile books, but find every myself continually delighted as I turn each page. This is the first Agile book that I think someone completely new to Agile could use to bootstrap the process into their own organization (but still would recommend a consultant). Highly recommended for both experts and novices.

This book offers practical tips to 'hardcore' software development teams with issues that are specific to SDLC. Most books focus marketing/sales/IT Support related case studies. In this book, Mary focus on implementing lean ideas (Learnt from all industries) but as applicable to the software development world.A MUST-READ for Software development teams who want to succeed.

Excellent read for anyone in software development. Both team and manager

Whether you build software for internal use only, or, as I do, you build and maintain commercial software for businesses and government .. you have to read this book.First, this book is for management ... especially those who manage the managers who manage project leads, product managers and line of business management ... this is a MUST READ for anyone who pays for software, invests in software, thinks about software or maintains software.While I am well-steeped in the agile methods of Scrum, this is an excellent text that builds on a long body of knowledge and experience.I used the concepts in this and a few other learned books and experts to reduce the costs of supporting some \$70 million worth of software business from \$12M to \$6M!!! Quality improved, employee satisfaction soared. Customers were appreciative.I use a yellow highlighter when I read books I learn from. This books was YELLOW when I finished .. and I have purchased over a dozen copies for colleagues who manage software.A must have for your library!!!

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