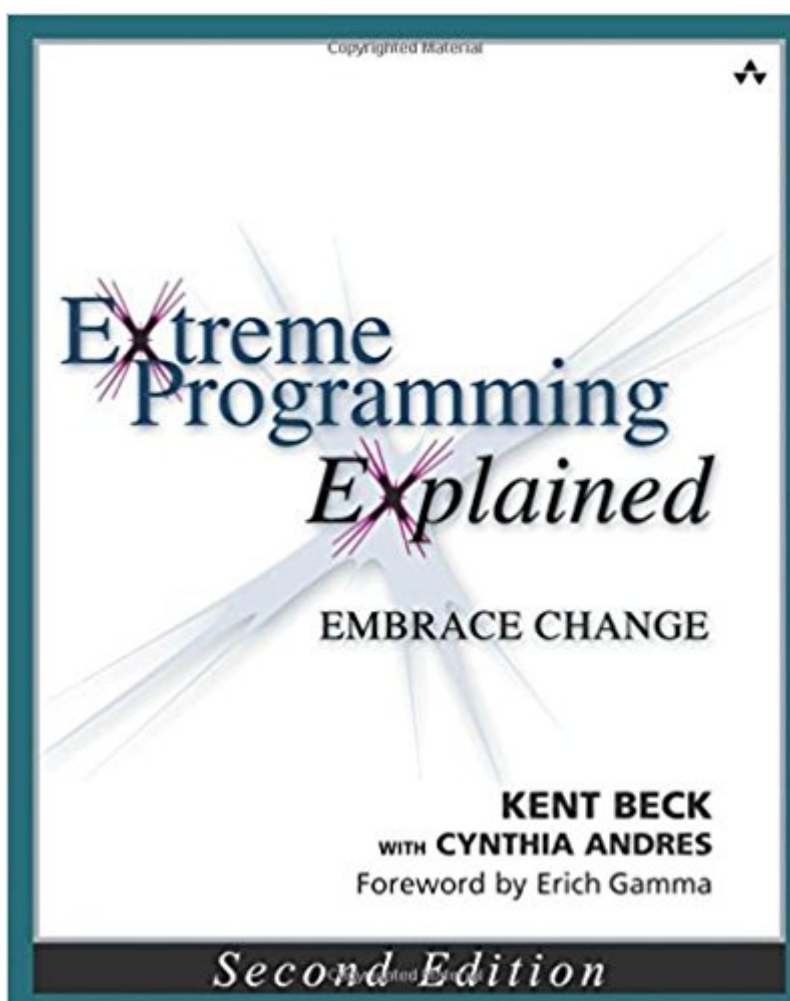


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Extreme Programming Explained: Embrace Change, 2nd Edition (The XP Series)



Synopsis

“In this second edition of *Extreme Programming Explained*, Kent Beck organizes and presents five years’ worth of experiences, growth, and change revolving around XP. If you are seriously interested in understanding how you and your team can start down the path of improvement with XP, you must read this book.”

• Francesco Cirillo, Chief Executive Officer, XPLabs S.R.L.

“The first edition of this book told us what XP was—it changed the way many of us think about software development. This second edition takes it farther and gives us a lot more of the why of XP, the motivations and the principles behind the practices. This is great stuff. Armed with the what and the why, we can now all set out to confidently work on the how: how to run our projects better, and how to get agile techniques adopted in our organizations.”

• Dave Thomas, The Pragmatic Programmers LLC

“This book is dynamite! It was revolutionary when it first appeared a few years ago, and this new edition is equally profound. For those who insist on cookbook checklists, there’s an excellent chapter on primary practices, but I urge you to begin by truly contemplating the meaning of the opening sentence in the first chapter of Kent Beck’s book: XP is about social change. You should do whatever it takes to ensure that every IT professional and every IT manager all the way up to the CIO has a copy of *Extreme Programming Explained* on his or her desk.”

• Ed Yourdon, author and consultant

“XP is a powerful set of concepts for simplifying the process of software design, development, and testing. It is about minimalism and incrementalism, which are especially useful principles when tackling complex problems that require a balance of creativity and discipline.”

• Michael A. Cusumano, Professor, MIT Sloan School of Management, and author of *The Business of Software*

“*Extreme Programming Explained* is the work of a talented and passionate craftsman. Kent Beck has brought together a compelling collection of ideas about programming and management that deserves your full attention. My only beef is that our profession has gotten to a point where such common-sense ideas are labeled extreme....”

• Lou Mazzucchelli, Fellow, Cutter Business Technology Council

“If your organization is ready for a change in the way it develops software, there’s the slow incremental approach, fixing things one by one, or the fast track, jumping feet first into Extreme Programming. Do not be frightened by the name, it is not that extreme at all. It is mostly good old recipes and common sense, nicely integrated together, getting rid of all the fat that has accumulated over the years.”

• Philippe Kruchten, UBC, Vancouver, British Columbia

“Sometimes

revolutionaries get left behind as the movement they started takes on a life of its own. In this book, Kent Beck shows that he remains ahead of the curve, leading XP to its next level. Incorporating five years of feedback, this book takes a fresh look at what it takes to develop better software in less time and for less money. There are no silver bullets here, just a set of practical principles that, when used wisely, can lead to dramatic improvements in software development productivity.

• Mary Poppendieck, author of *Lean Software Development: An Agile Toolkit* “Kent Beck has revised his classic book based on five more years of applying and teaching XP. He shows how the path to XP is both easy and hard: It can be started with fewer practices, and yet it challenges teams to go farther than ever.”

• William Wake, independent consultant “With new insights, wisdom from experience, and clearer explanations of the art of Extreme Programming, this edition of Beck’s classic will help many realize the dream of outstanding software development.”

• Joshua Kerievsky, author of *Refactoring to Patterns* and Founder, Industrial Logic, Inc. “XP has changed the way our industry thinks about software development. Its brilliant simplicity, focused execution, and insistence on fact-based planning over speculation have set a new standard for software delivery.”

• David Trowbridge, Architect, Microsoft Corporation Accountability. Transparency. Responsibility. These are not words that are often applied to software development. In this completely revised introduction to Extreme Programming (XP), Kent Beck describes how to improve your software development by integrating these highly desirable concepts into your daily development process. The first edition of *Extreme Programming Explained* is a classic. It won awards for its then-radical ideas for improving small-team development, such as having developers write automated tests for their own code and having the whole team plan weekly. Much has changed in five years. This completely rewritten second edition expands the scope of XP to teams of any size by suggesting a program of continuous improvement based on:

- Five core values consistent with excellence in software development
- Eleven principles for putting those values into action
- Thirteen primary and eleven corollary practices to help you push development past its current business and technical limitations

Whether you have a small team that is already closely aligned with your customers or a large team in a gigantic or multinational organization, you will find in these pages a wealth of ideas to challenge, inspire, and encourage you and your team members to substantially improve your software development. You will discover how to:

- Involve the whole team
- XP style Increase technical collaboration through pair programming and continuous integration
- Reduce defects through developer testing
- Align business and technical decisions through weekly and quarterly planning
- Improve teamwork by setting up an informative, shared workspace

You will also find many

other concrete ideas for improvement, all based on a philosophy that emphasizes simultaneously increasing the humanity and effectiveness of software development. Every team can improve. Every team can begin improving today. Improvement is possible—beyond what we can currently imagine. Extreme Programming Explained, Second Edition, offers ideas to fuel your improvement for years to come.

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Customer Reviews

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Kent Beck consistently challenges software engineering dogma, promoting ideas like patterns, test-driven development, and Extreme Programming. Currently affiliated with Three Rivers Institute and Agitar Software, he is the author of many Addison-Wesley titles. Cynthia Andres holds a B.S. in psychology with advanced work in organizational behavior, decision analysis, and women's studies. She has worked with Kent on the social aspects of Extreme Programming since its inception. She is also affiliated with Three Rivers Institute. 0

I have been a programming hack for many years. This book along with a couple of others that I have read in the last six months or so have opened my eyes. I knew that basics were not my strong suit. I am entirely self-taught with desktop programming. I just knew there were things that didn't seem right. I always had close contact with my customers, knew from early VB experience that you could make a mess of code, that defects could bury a project. XP explained by one of the founders, maybe The Founder just lays it all out. Now still I am a single man shop, so really I am now starting

practice on PXP, Personal Extreme Programming, but it will be the only way I practice from here on!

i bought this book more as a reference. it's the programming "lifestyle" that i most easily identified with and enjoyed - pair programming, refactoring, unit testing, planning game and all that good stuff. i get that it's not everyone's style. i have never met Kent Beck but everything that he (and other XP'ers) blog or tweet about tells me that he's one of the nicest men in the business - humble, always learning, and still practicing his craft.

Required for an XP (Extreme Programming) class. The book was only used for the first three weeks of classes, so I didn't read it in too much depth. This book isn't too bad, it has a lot of obvious information (ie, treat coworkers with respect) and it doesn't offer too much in terms of insight. But despite those issues it's not a bad read, it does have some good information, just nothing ground breaking. Do not get this book if you're looking for anything ground breaking or anything enlightening, if you're interested in agile development, this book may be worth it to read through however.

I bought this book to help with my study for the PMI-ACP certification exam. Part of the recommendations suggests that you understand Extreme Programming inside and out and how it relates to SCRUM and LEAN. This is an excellent book written by Kent Beck, the person who brought Extreme Programming to the forefront of software development. It is easy to read and understand and covers the subject matter very well. Whether you are studying for this exam or whether your team is adopting Extreme Programming, this book is for you.

This is a fantastic book for development teams. I'm a product manager at a large consulting firm, and if more companies would adhere to the advice in this book, my job wouldn't need to exist. This is a manual on how to create great software, and should be read by anybody interested in creating web apps, mobile apps, or desktop software.

Not only is this presented well, but it gives a valuable alternate perspective. It is sufficiently different from typical scrum to help a person understand the why behind the concepts. I loved this book. Thanks Kent!

A great book that lays out the fundamentals of XP. Great updated thoughts on use (and non-use!) of

Story Points and much more.

Industry classic, which changed the entire software industry. While it might appear to be a little bit 'dated' (because it is) it really changed all of us. It is good to study the Classics, how we got here, where we came from.

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