

[PDF] Extreme Programming Installed

**Ron Jeffries, Ann Anderson, Chet Hendrickson - pdf
download free book**



Books Details:

Title: Extreme Programming Installed

Author: Ron Jeffries, Ann Anderson,

Released: 2000-10-26

Language:

Pages: 288

ISBN: 0201708426

ISBN13: 978-0201708424

ASIN: 0201708426

[CLICK HERE FOR DOWNLOAD](#)

pdf, mobi, epub, azw, kindle

Description:

From the Inside Flap

Preface How much would you pay for a software development team that would do what you want? Wait, don't answer yet--what if they could also tell you how much it would cost, so that you could decide what to do and what to defer, on your way to your deadline? You also get quality software, a robust array of tests that support the project through its entire lifecycle, and an up-to-date, clear

view of project status. Best of all, you get the ability to change your mind about what you want, at any time.

There aren't any silver bullets in software development, and there probably never will be. However, Extreme Programming is a simple set of common-sense practices that, when used together, really can give you much of what you just read in the paragraph above. In this book, we tell you what the XP practices are, and how to install them in your project.

We are software developers. We have been involved in many successful projects, and even in some that weren't so successful. The successful ones were a lot more fun, for us, and for our customers. The unsuccessful ones have taught us a great deal about software development.

We have had the privilege of working on a great project, with a great teacher, Kent Beck. We helped shape the software process named Extreme Programming, XP for short. Since then, we have been helping everyone who will listen to learn from our experience.

The first book in the Extreme Programming series, *Extreme Programming Explained*, covers the reasoning behind the XP process. Based on our experience on the original XP project (and others), this book describes what makes XP work, day to day and month to month.

Successful software development is a team effort--not just the development team but the larger team consisting of customers, management, and developers. Extreme Programming is a simple process that brings these people together and helps them to succeed together. XP is aimed primarily at object-oriented projects using teams of a dozen or fewer programmers in one location. We would use XP for both in-house development and development of shrink-wrapped software. The principles of XP apply to any moderately sized project that needs to deliver quality software rapidly and flexibly.

XP is about balancing the needs of customers with the abilities of programmers, and about steering (managing the project to success). If you're a customer, a programmer, or a manager, here's what this book offers you:

Customers--who have software that needs to be developed: you will learn simple, effective ways to communicate what you need, to be sure that you are getting what you need, and to steer the project to success. You will learn that you can change your mind and still get what you need on time.

Programmers--who, on an XP project, define the architecture, design the system, and write the tests and the code that support them: you will learn how to deliver business value quickly, how to deal with changing requirements, and how to build customer confidence and support. You will learn to build for tomorrow by building only what you need today.

Managers--who control the project resources: you will learn how to measure project progress, how to measure quality, and how to answer the all-important question, "When will you be done?" You will learn an important truth of management--to use the programmers' actual performance to predict completion.

Customers, programmers, and managers must all work together to build the system that's needed. Chapter 1, *Extreme Programming*, will describe the roles, rights, and responsibilities, and provide a road map for the book. Dig right in. We're sure that the XP practices can improve your projects, as they have ours.

0201708426P04062001

From the Back Cover

- Software that performs required tasks and meets expectations
- Accurate estimation of time to completion and cost of development
- The opportunity to decide which features to include and which to defer
- Frequent small releases that incorporate continual customer feedback
- Constant integration and automated testing that insures clean code and robust performance

These are some of the many benefits of Extreme Programming (XP), a software development approach especially geared for smaller teams facing vague or rapidly changing requirements. Despite the "extreme" in its name, XP actually reduces risks--the risk of putting out software that is faulty, out of date at its release, over budget, or not fully capable of performing the tasks for which it was intended. Initially considered radical, XP has proven itself successful and is entering the mainstream of software development. The greatest challenge now facing software development managers and engineers is how to implement this beneficial approach.

Extreme Programming Installed explains the core principles of Extreme Programming and details each step in the XP development cycle. This book conveys the essence of the XP approach--techniques for implementation, obstacles likely to be encountered, and experience-based advice for successful execution.

You will learn the best approaches to

- Working with an on-site customer
- Defining requirements with user "stories"
- Estimating the time and cost of each story
- Delivering small, frequent releases
- Performing constant integration and frequent iterations
- Running design sessions to help programmers move forward with confidence
- xUnit automated testing
- Handling defects in the fast-paced, team-oriented XP environment
- How to refine estimates and steer the development effort through frequent changes

The authors present the personal reflections of those who have been through the eXtreme Programming experience. Readers will benefit from first hand accounts of hard-won wisdom on topics such as the art of estimation, managing development infrastructure, solving problems without finger-pointing, the importance of simplicity, and how to introduce modern development tools into an environment where none existed.

0201708426B04062001

- Title: Extreme Programming Installed
 - Author: Ron Jeffries, Ann Anderson, Chet Hendrickson
 - Released: 2000-10-26
 - Language:
 - Pages: 288
 - ISBN: 0201708426
 - ISBN13: 978-0201708424
 - ASIN: 0201708426
-