Beyond Legacy Code: Nine Practices to Extend the Life (and Value) of Your Software

By David Scott Bernstein

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We're losing tens of billions of dollars a year on broken software, and great new ideas such as agile development and Scrum don't always pay off. But there's hope. The nine software development practices in *Beyond Legacy Code* are designed to solve the problems facing our industry. Discover *why* these practices work, not just *how* they work, and dramatically increase the quality and maintainability of any software project.

These nine practices could save the software industry. *Beyond Legacy Code* is filled with practical, hands-on advice and a common-sense exploration of why technical practices such as refactoring and test-first development are critical to building maintainable software. Discover how to avoid the pitfalls teams encounter when adopting these practices, and how to dramatically reduce the risk associated with building software--realizing significant savings in both the short and long term. With a deeper understanding of the principles behind the practices, you'll build software that's easier and less costly to maintain and extend.

By adopting these nine key technical practices, you'll learn to say what, why, and for whom before how; build in small batches; integrate continuously; collaborate; create CLEAN code; write the test first; specify behaviors with tests; implement the design last; and refactor legacy code.

Software developers will find hands-on, pragmatic advice for writing higher quality, more maintainable, and bug-free code. Managers, customers, and product owners will gain deeper insight into vital processes. By moving beyond the old-fashioned procedural thinking of the Industrial Revolution, and working together to embrace standards and practices that will advance software development, we can turn the legacy code crisis into a true Information Revolution.

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Editorial Review

About the Author

David Bernstein's continuing passion for software design and construction has led him to train more than 8,000 developers since 1989 at hundreds of companies around the world including IBM, Yahoo, and Microsoft--where his book's advice has been successfully applied. Since 2006, David has been devoted to coaching and training developers at organizations transitioning to Agile and Scrum. His consulting firm, To Be Agile (ToBeAgile.com), helps developers adopt Extreme Programming practices such as test-first development, continuous integration, and refactoring. David is a Certified Scrum Professional, Certified Scrum Developer and Certified ScrumMaster.

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From reader reviews:

Melanie Tuck:

Now a day people who Living in the era exactly where everything reachable by match the internet and the resources in it can be true or not demand people to be aware of each details they get. How a lot more to be smart in receiving any information nowadays? Of course the reply is reading a book. Reading a book can help persons out of this uncertainty Information mainly this Beyond Legacy Code: Nine Practices to Extend the Life (and Value) of Your Software book because this book offers you rich information and knowledge. Of course the data in this book hundred per-cent guarantees there is no doubt in it as you know.

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Tamika Sheppard:

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