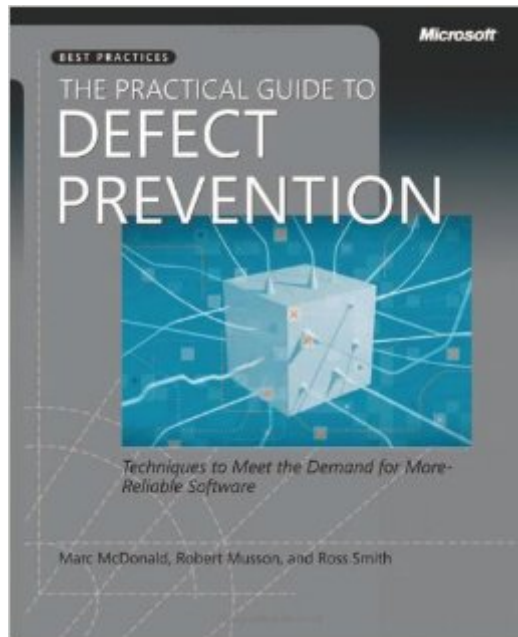


The book was found

The Practical Guide To Defect Prevention (Best Practices)



Synopsis

This practical, hands-on guide captures, categorizes, and builds a process of best practices to avoid creating defects during the development process—rather than fixing them after extensive analysis. While there are various proprietary and competing standards for reducing software defects, these methods suffer from issues surrounding timeliness, effectiveness, or cost.

What's more, many other books focus on fixing errors after they've been introduced.

This guide, however, presents practical methods for reducing defect introduction through prevention and immediate detection and by moving the detection of defects closer to their introduction. Written by experts with over a century of software development experience among them, this book is not an idealized academic book. Instead, it distills many hard-won lessons into a single, workable lifecycle process that will help deliver better quality software.

Book Information

Series: Best Practices

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Average Customer Review: 4.0 out of 5 stars [See all reviews](#) (6 customer reviews)

Best Sellers Rank: #5,344,112 in Books (See Top 100 in Books) [#99 in Books > Computers & Technology > Programming > Software Design, Testing & Engineering > Quality Control](#) [#11162 in Books > Computers & Technology > Programming > Software Design, Testing & Engineering > Software Development](#) [#112416 in Books > Deals in Books](#)

Customer Reviews

This is the first review I have performed and here it goes... I work in software development and have for the last 11 years. As a Quality Assurance Professional, I think "The Practical Guide to Defect Prevention" should be on everyone's book shelf. Everyone in the industry or those contemplating a start-up in the industry should read this book to get an understanding of what quality means and how to achieve it. This is a fun book filled with real world experiences and enough technical knowledge to implement the many quality systems and is most beneficial read from end to end, but

is also designed to be a reference. "The Practical Guide to Defect Prevention" does a great job of giving a strong foundation for those wanting to develop quality in their processes. Who can really benefit from this book?*

- * The executive wanting to know what it takes to have a successful software business*
- * The manager wanting to know how to improve the product*
- * The product designer who wants to provide enhancements to existing features and determine what features to add*
- * The developer wanting to gauge the effectiveness of the implementation*
- * The tester that wants to catch all of the errors

Sure, we could talk about all the content and implementation issues, including; Root Cause Analysis, Failure Mode and Effects Analysis (FMEA), Fault Tree Analysis (FTA) or Failure Modeling, but my favorite aspect of this book is the real world examples and pitfalls described. Many great related quotes are included to illustrate some aspect of the material to be presented. My favorite was in chapter 12, "Adapting Processes" where there was a quote from Mark Twain "A man who carries a cat by the tail learns something he can learn in no other way".

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