



# The Practical Guide to Defect Prevention (Developer Best Practices)

By Marc McDonald, Robert Musson, Ross Smith

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This practical, hands-on guide captures, categorizes, and builds a process of best practices to help 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 involving timeliness, effectiveness, and cost. What's more, many other books focus on fixing errors after they've been introduced or promote idealized academic theories. 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 distills hard-won lessons into a single, workable lifecycle process that will help deliver better-quality software. Visit the Defect Prevention Web site at <http://www.defectprevention.org>

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## **Editorial Review**

From the Publisher

Key Book Benefits:

- Distills best development practices upstream in the coding cycle by offering techniques and methods to eliminate bad code before a bug is released - Provides a full collection of tools and forms to enable immediate use of the techniques described - Features coverage of and integration with allied methodologies for organizations that use Six Sigma, Agile, Burton, and other similar quality tools

About the Author

**Marc McDonald**'s career spans the 30-year PC industry—from the MITS Altair to today—and he holds six software patents. As the first salaried employee at Microsoft, Marc designed the FAT file system for MS-DOS.

## **Users Review**

**From reader reviews:**

**Mary Crist:**

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