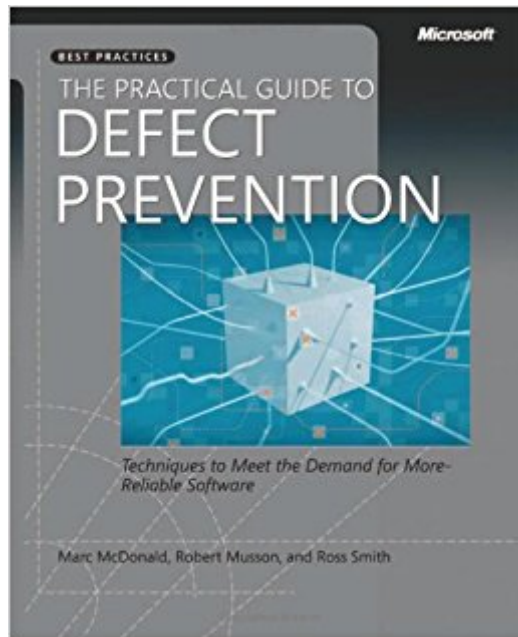# The Practical Guide To Defect Prevention (Best Practices)

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

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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 errorsSure, 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".

The Practical Guide to Defect Prevention (Developer Best Practices) The Practical Guide to Defect Prevention (Best Practices) Health Promotion and Disease Prevention in Clinical Practice (Health Promotion & Disease Prevention in Clin Practice) Fatal Defect: Chasing Killer Computer Bugs Toward Zero Defect Programming Local Flaps in Facial Reconstruction: A Defect Based Approach Construction Defect Claims: Handbook for Insurance, Risk Management, Construction/Design Professionals Best of the Best from Hawaii: Selected Recipes from Hawaii's Favorite Cookbooks (Best of the Best State Cookbook) Best of the Best from Big Sky Cookbook: Selected Recipes from the Favorite Cookbooks of Montana and Wyoming (Best of the Best Cookbook Series) Best of the Best from the Deep South Cookbook: Selected Recipes from the Favorite Cookbooks of Louisiana, Mississippi, and Alabama (Best of the Best Regional Cookbook) Best of the Best from Alaska Cookbook: Selected Recipes from Alaska's Favorite Cookbooks (Best of the Best Cookbook Series) Zoroastrians: Their Religious Beliefs and Practices (The Library of Religious Beliefs and Practices) Florida Real Estate Principles, Practices & Law (Florida Real Estate Principles, Practices and Law) Teen Guide to Staying Sober (Drug Abuse Prevention Library) American Medical Association Complete Guide to Prevention and Wellness: What You Need to Know about Preventing Illness, Staying Healthy, and Living Longer Lymphedema: A Breast Cancer Patient's Guide to Prevention and Healing A Woman's Guide to Yeast Infections: Everything You Need to Know About Prevention, Diagnosis and Cure Managing Risk in Sport and Recreation: The Essential Guide for Loss Prevention (Book & CD-ROM) Mindfulness-Based Relapse Prevention for Addictive Behaviors: A Clinician's Guide SSFIPS Securing Cisco Networks with Sourcefire Intrusion Prevention System

Study Guide: Exam 500-285