## Best Practices . . .

"... offers two major benefts to the reader. The first is when to test at points during the development life cycle, and the second is how to test at those points in the development life cycle.

"... contains literally hundreds of ideas.... If you only picked one good idea from the book, it would be more than worth the price."

—William E. Perry

Executive Director, Quality Assurance Institute

"... a useful book for those working on test efforts in formal environments.... There have been plenty of templates and standards floating around for years on what to write down for such tests, but precious little describing how to manage the formal testing process. This book fills that yoid....

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"This book is a fabulous primer for those faced with moving from an ad hoc or exploratory testing situation to a fully documented CMMI type process.

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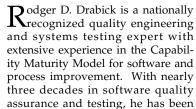
—**David Tardiff**TYBRIN Corp.

osted on Amazon.com

"...a comprehensive and practical guide to formal software testing process. Everyone involved in software testing will benefit from his years of experience and his revealing insights...a great textbook for new testers, a step-by-step cookbook for new managers, and a great reference book for everyone in the testing world."

—Lisa Crispin

# **About the Author**



responsible for SQA initiatives and developing process improvement action plans at companies such as Amtrak, Bell-Atlantic, the Federal Aviation Authority, Kodak, and Lockheed Martin.

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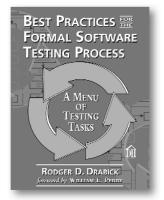
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# Best Practices for the Formal Software Testing Process

A Menu of Testing Tasks

by Rodger D. Drabick foreword by William E. Perry



ISBN: 978-0-932633-58-3 ©2004 312 pages softcover \$41.95 (includes \$6 UPS in US)

A Soup-to-Nuts Series of Tasks for Formal System Testing

Testing is not a phase. Software developers should not simply throw software over the wall to test engineers when the developers have finished coding. A coordinated program of peer reviews and testing not only supplements a good software development process, it supports it.

Agood testing life cycle begins during the requirements elucidation phase of software development, and concludes when the product is ready to install or ship following a successful system test.

Nevertheless, there is no one true way to test software; the best one can hope for is to possess a formal testing process that fits the needs of the testers as well as those of the organization and its customers.

A formal test plan is more than an early step in the software testing process—it's a vital part of your software development life cycle. This book presents a series of tasks to help

you develop a formal testing process model, as well as the inputs and outputs associated with each task. These tasks include • review of program plans • development of the formal test plan • creation of test documentation (test design, test cases, test software, and test procedures) • acquisition of automated testing tools • test execution • updating the test documentation • tailoring the model for projects of all sizes.

Whether you are an experienced test engineer looking for ways to improve your testing process, a new test engineer hoping to learn how to perform a good testing process, a newly assigned test manager or team leader who needs to learn more about testing, or a process improvement leader, this book will help you maximize your effectiveness.

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