



Common System and Software Testing Pitfalls

How to Prevent and Mitigate Them

*Descriptions, Symptoms, Consequences,
Causes, and Recommendations*

Donald G. Firesmith

Foreword by Capers Jones

Praise for *Common System and Software Testing Pitfalls*

“Firesmith’s collection of actionable practices for real-world, non-trivial testing and the processes in which they’re applied is comprehensive and uniquely valuable. Nothing published about software testing in recent years provides anything like it.”

—Robert V. Binder, robertvbinder.com

“Don’s compilation of real-world testing problems, symptoms, and solutions is the most comprehensive available. You can use it early in your project to prevent these problems. Or you can use it at the end, as a ready list of costly lessons you could have avoided, had you used it early on. I’m afraid this book’s publication will undermine a lot of excuses for repeating these mistakes.”

—Vince Alcalde, National Australia Bank

“Excellent, Excellent, Excellent! This book should be mandatory reading for anyone involved in product development. Donald’s book addresses the pitfalls that need to be understood and allowed for in all product development verification and validation planning. While the focus of the book is on software projects, most of the pitfalls are equally applicable to any size project that involves both hardware and software.”

—Louis S. Wheatcraft, Requirements Experts Inc.

“The potential impact of this book cannot be overstressed. Software systems that are not adequately tested do not adequately evolve. I highly recommend this book as a must-read for people directly involved in the development and management of software-intensive systems.”

—Dr. Kenneth E. Nidiffer, Director of Strategic Plans for Government Programs,
Software Engineering Institute, Carnegie Mellon University

“*Common System and Software Testing Pitfalls* identifies realistic testing pitfalls. More importantly, it also identifies solutions for avoiding them on your next project. Every manager should read this book and follow the recommendations.”

—Barry Stanly, Enterprise Technology Alliance

Common System and Software Testing Pitfalls: How to Prevent and Mitigate Them: Descriptions, Symptoms, Consequences, Causes, and Recommendations

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