

CEM KANER  
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Lessons  
Learned



in ***SOFTWARE  
TESTING***

A Context-Driven Approach

"Pick up this book, open it anywhere, read it for two minutes, and take one lesson as a suggestion. Your testing, test planning, test management, or thinking about testing will improve dramatically."

*Johanna Rothman, Rothman Consulting Group, Inc.*

"If you test software, or depend on people who do, then read this book. Each page bubbles with hard-won advice for handling the practical problems you encounter every day."

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Senior Director of Automated Testing Technology  
Rational Software Corporation*

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"These three distinguished test professionals have written a precisely-stated and thought-provoking book that offers a distinctive and important perspective on testing and test project management."

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"Clear and succinct. It has brought clarity to many of my own learning experiences and provoked a lot of new thoughts."

*Fran McKain*

*Software Test Manager  
Hewlett-Packard Company*

"Reviewing this book was one of my greatest learning experiences. I warmly recommend this as a must-have for any testing professional."

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"The book is packed with nuggets of gold derived from years of practical experience. The chapter on test automation alone is more useful than any of the books I've seen on test automation. The chapter on techniques has powerful ideas, simply stated!"

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"*Lessons Learned in Software Testing* is a must read for the beginner who needs tried and true tips and for the mature test manager who is looking for more refinements for his or her organization."

*Chris DeNardis, Supervisor of Software Engineering,  
Rockwell Automation*

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*Hung Q. Nguyen, President and CEO, LogiGear Corporation  
Author of Testing Applications on the Web*

"The lessons format is simple and succinct, just the thing for us to use in late night test planning sessions. Where other books have been long on theory and are great for study, this is long on reality, practicality, and immediate usefulness."

*Mary Romero Sweeney, Author of Visual Basic for Testers*

"This is an excellent book. I have had similar experiences as documented in this book, without being able to learn the lessons whilst in the middle of the problem."

*Stale Amland, Amland Consulting, Norway*

# **Lessons Learned in Software Testing**

**A Context-Driven Approach**

Cem Kaner  
James Bach  
Bret Pettichord

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# ***DEDICATION***

*To Brian Marick and Sam Guckenheimer, who set the spark  
for this book.*

*To Dave Gelperin, who believed in us and built a community.  
To Jerry Weinberg, whose life and work embodies the highest  
ideals of an expert tester.*

*In memoriam, Anna Allison, colleague and friend,  
September 30, 1952-September 11, 2001.*



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