



Practical Software Testing: A Process-Oriented Approach (Springer Professional Computing)

By Ilene Burnstein

Download now

Read Online ➔

Practical Software Testing: A Process-Oriented Approach (Springer Professional Computing) By Ilene Burnstein

Based on the needs of the educational community, and the software professional, this book takes a unique approach to teaching software testing. It introduces testing concepts that are managerial, technical, and process oriented, using the Testing Maturity Model (TMM) as a guiding framework. The TMM levels and goals support a structured presentation of fundamental and advanced test-related concepts to the reader. In this context, the interrelationships between theoretical, technical, and managerial concepts become more apparent. In addition, relationships between the testing process, maturity goals, and such key players as managers, testers and client groups are introduced. Topics and features:

- Process/engineering-oriented text
 - Promotes the growth and value of software testing as a profession
 - Introduces both technical and managerial aspects of testing in a clear and precise style
 - Uses the TMM framework to introduce testing concepts in a systematic, evolutionary way to facilitate understanding
 - Describes the role of testing tools and measurements, and how to integrate them into the testing process
- Graduate students and industry professionals will benefit from the book, which is designed for a graduate course in software testing, software quality assurance, or software validation and verification

Moreover, the number of universities with graduate courses that cover this material will grow, given the evolution in software development as an engineering discipline and the creation of degree programs in software engineering.

 [Download Practical Software Testing: A Process-Oriented App ...pdf](#)

 [Read Online Practical Software Testing: A Process-Oriented A ...pdf](#)

Practical Software Testing: A Process-Oriented Approach (Springer Professional Computing)

By Ilene Burnstein

Practical Software Testing: A Process-Oriented Approach (Springer Professional Computing) By Ilene Burnstein

Based on the needs of the educational community, and the software professional, this book takes a unique approach to teaching software testing. It introduces testing concepts that are managerial, technical, and process oriented, using the Testing Maturity Model (TMM) as a guiding framework. The TMM levels and goals support a structured presentation of fundamental and advanced test-related concepts to the reader. In this context, the interrelationships between theoretical, technical, and managerial concepts become more apparent. In addition, relationships between the testing process, maturity goals, and such key players as managers, testers and client groups are introduced. Topics and features:

- Process/engineering-oriented text
 - Promotes the growth and value of software testing as a profession
 - Introduces both technical and managerial aspects of testing in a clear and precise style
 - Uses the TMM framework to introduce testing concepts in a systematic, evolutionary way to facilitate understanding
 - Describes the role of testing tools and measurements, and how to integrate them into the testing process
- Graduate students and industry professionals will benefit from the book, which is designed for a graduate course in software testing, software quality assurance, or software validation and verification

Moreover, the number of universities with graduate courses that cover this material will grow, given the evolution in software development as an engineering discipline and the creation of degree programs in software engineering.

Practical Software Testing: A Process-Oriented Approach (Springer Professional Computing) By Ilene Burnstein Bibliography

- Sales Rank: #1663179 in Books
- Published on: 2003-06-24
- Original language: English
- Number of items: 1
- Dimensions: 10.00" h x 1.56" w x 7.01" l, 3.05 pounds
- Binding: Hardcover
- 710 pages

 [Download Practical Software Testing: A Process-Oriented App ...pdf](#)

 [Read Online Practical Software Testing: A Process-Oriented A ...pdf](#)

Editorial Review

Review

From the reviews:

"The subject matter presented in 'Practical Software Testing' follows a well-designed instructional plan, from theory, to practice, to model. Ilene Burnstein's writing style keeps the reader's interest. ... She provides a nice balance of text and graphics Excellent detail is given to the critical aspect of software quality and prevention of defects This is the best book I have read on the subject of software testing to date. ... In summary, I would recommend 'Practical Software Testing'" (Harry Acosta, www.StickyMinds.com, 2005)

"This book gives a broad ... introduction to software testing and related fields of software quality. ... The text is well-organized and easy to read. All basics of testing that you will expect from a textbook on that topic are covered. ... There are exercises at the end of each chapter." (Martin Glinz, Zentralblatt MATH, Vol. 1040 (9), 2004)

"This book has been written with the aim of providing an educational background for software testing professionals. ... I would say that the book fulfils its aim. It provides a good overview of the subject for aspiring testers; it contains useful resources such as a sample test-plan and a vast additional reference list at the end. It is certainly also useful as a reference book for more experienced professionals and managers The book is easy to read, and I would definitely recommend it." (Silke Kuball, Software Testing Verification and Reliability, Vol. 14 (2), 2004)

Users Review

From reader reviews:

Jeffrey Primo:

Book is written, printed, or highlighted for everything. You can learn everything you want by a reserve. Book has a different type. As we know that book is important matter to bring us around the world. Close to that you can your reading skill was fluently. A guide Practical Software Testing: A Process-Oriented Approach (Springer Professional Computing) will make you to end up being smarter. You can feel considerably more confidence if you can know about every little thing. But some of you think in which open or reading a new book make you bored. It's not make you fun. Why they can be thought like that? Have you trying to find best book or suitable book with you?

Josue Denson:

Practical Software Testing: A Process-Oriented Approach (Springer Professional Computing) can be one of your nice books that are good idea. We all recommend that straight away because this book has good vocabulary which could increase your knowledge in vocab, easy to understand, bit entertaining but still

delivering the information. The author giving his/her effort to place every word into joy arrangement in writing Practical Software Testing: A Process-Oriented Approach (Springer Professional Computing) although doesn't forget the main point, giving the reader the hottest and based confirm resource information that maybe you can be one of it. This great information can drawn you into new stage of crucial imagining.

Zachary Foushee:

This Practical Software Testing: A Process-Oriented Approach (Springer Professional Computing) is great book for you because the content which is full of information for you who also always deal with world and possess to make decision every minute. That book reveal it data accurately using great arrange word or we can claim no rambling sentences inside it. So if you are read the item hurriedly you can have whole information in it. Doesn't mean it only gives you straight forward sentences but difficult core information with lovely delivering sentences. Having Practical Software Testing: A Process-Oriented Approach (Springer Professional Computing) in your hand like finding the world in your arm, facts in it is not ridiculous one particular. We can say that no publication that offer you world within ten or fifteen small right but this e-book already do that. So , this can be good reading book. Heya Mr. and Mrs. active do you still doubt which?

Jennifer Pittman:

It is possible to spend your free time to learn this book this publication. This Practical Software Testing: A Process-Oriented Approach (Springer Professional Computing) is simple to develop you can read it in the park, in the beach, train in addition to soon. If you did not have much space to bring typically the printed book, you can buy the e-book. It is make you easier to read it. You can save typically the book in your smart phone. Consequently there are a lot of benefits that you will get when you buy this book.

Download and Read Online Practical Software Testing: A Process-Oriented Approach (Springer Professional Computing) By Ilene Burnstein #4C7LB6DH9Z0

Read Practical Software Testing: A Process-Oriented Approach (Springer Professional Computing) By Ilene Burnstein for online ebook

Practical Software Testing: A Process-Oriented Approach (Springer Professional Computing) By Ilene Burnstein Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Practical Software Testing: A Process-Oriented Approach (Springer Professional Computing) By Ilene Burnstein books to read online.

Online Practical Software Testing: A Process-Oriented Approach (Springer Professional Computing) By Ilene Burnstein ebook PDF download

Practical Software Testing: A Process-Oriented Approach (Springer Professional Computing) By Ilene Burnstein Doc

Practical Software Testing: A Process-Oriented Approach (Springer Professional Computing) By Ilene Burnstein Mobipocket

Practical Software Testing: A Process-Oriented Approach (Springer Professional Computing) By Ilene Burnstein EPub

4C7LB6DH9Z0: Practical Software Testing: A Process-Oriented Approach (Springer Professional Computing) By Ilene Burnstein