



Test Process Improvement: A step-by-step guide to structured testing

By Tim Koomen, Martin Pol

Download now

Read Online ➔

Test Process Improvement: A step-by-step guide to structured testing By
Tim Koomen, Martin Pol

"If competitiveness is an issue in your market, IT will be vital, and this book will help you to deal with the problems it will bring along." Henk W Broeders,
Executive Board, CAP Gemini

"I was introduced to TPI and suddenly the penny dropped...This was quite a revelation... I recommend that you try the ideas suggested in this book... use the TPI method to improve your test process." Stephen K Allott, Senior Consultant,
ImagoQA Ltd

"The application of TPI enables us to raise our global testing organization to the next professional level. I am absolutely convinced that everybody using TPI in a similar way will experience the same added value." Dr Hans Voorthuyzen,
Global Manager Product Testing Group, Baan

Software testing is an essential part of software development but many organizations regard it as an uncontrollable part of the process and find it difficult to take steps to improve it. In Test Process Improvement, Tim Koomen and Martin Pol give practical suggestions for improving the testing process in a gradual and controlled manner, with realistic goals in terms of quality, lead time and costs.

The book describes and explains the Test Process Improvement (TPI) model, tried and tested by numerous professional testers, which provides a structured framework to be used either for improving an existing test process or for developing a new process from scratch. The authors use their in-depth knowledge and extensive experience to provide practical guidance and a framework that enables the reader to adapt the model for use in his/her organization.

If you are involved in testing software systems and are aiming to implement a successful and structured process, you will find this book an invaluable resource.

 [**Download** Test Process Improvement: A step-by-step guide to ...pdf](#)

 [**Read Online** Test Process Improvement: A step-by-step guide t ...pdf](#)

Test Process Improvement: A step-by-step guide to structured testing

By Tim Koomen, Martin Pol

Test Process Improvement: A step-by-step guide to structured testing By Tim Koomen, Martin Pol

"If competitiveness is an issue in your market, IT will be vital, and this book will help you to deal with the problems it will bring along." Henk W Broeders, Executive Board, CAP Gemini

"I was introduced to TPI and suddenly the penny dropped...This was quite a revelation... I recommend that you try the ideas suggested in this book... use the TPI method to improve your test process." Stephen K Allott, Senior Consultant, ImagoQA Ltd

"The application of TPI enables us to raise our global testing organization to the next professional level. I am absolutely convinced that everybody using TPI in a similar way will experience the same added value." Dr Hans Voorthuyzen, Global Manager Product Testing Group, Baan

Software testing is an essential part of software development but many organizations regard it as an uncontrollable part of the process and find it difficult to take steps to improve it. In Test Process Improvement, Tim Koomen and Martin Pol give practical suggestions for improving the testing process in a gradual and controlled manner, with realistic goals in terms of quality, lead time and costs.

The book describes and explains the Test Process Improvement (TPI) model, tried and tested by numerous professional testers, which provides a structured framework to be used either for improving an existing test process or for developing a new process from scratch. The authors use their in-depth knowledge and extensive experience to provide practical guidance and a framework that enables the reader to adapt the model for use in his/her organization.

If you are involved in testing software systems and are aiming to implement a successful and structured process, you will find this book an invaluable resource.

Test Process Improvement: A step-by-step guide to structured testing By Tim Koomen, Martin Pol
Bibliography

- Rank: #1834230 in Books
- Published on: 1999-06-07
- Original language: English
- Number of items: 1
- Dimensions: 9.47" h x .74" w x 6.41" l, 1.12 pounds
- Binding: Hardcover
- 240 pages

 [**Download** Test Process Improvement: A step-by-step guide to ...pdf](#)

 [**Read Online** Test Process Improvement: A step-by-step guide t ...pdf](#)

Download and Read Free Online Test Process Improvement: A step-by-step guide to structured testing By Tim Koomen, Martin Pol

Editorial Review

Amazon.com Review

Written for the reader with a little background in software engineering and test management, *Test Process Improvement* is an innovative guide to improving how your organization tests software. It's got plenty to offer any test engineer or manager.

This short yet densely packed text outlines the Test Process Improvement (TPI) model for software testing. While there are other testing models available today (like the Testing Maturity Model, or TMM), the authors suggest that TPI offers more detail than its rivals. TPI measures testing effectiveness in 20 "key areas," in such categories as test strategy, metrics, tools, and communication, plus defect and test process management.

After a short overview of the kinds of testing in use today, the book delves into each of these 20 areas in considerable detail with criteria for up to four levels of effectiveness (labeled "A" through "D"). By working through these categories, an organization can both gauge its current testing process and make it better with the book's "improvement suggestions." You'll appreciate this text most if you have some interest in software engineering. (The authors, who are Dutch, write clearly, but this is by no means light reading.) There are plenty of easy-to-digest tables and lists, which will be most practical for the busy testing professional. Other useful sections include a concise tour of testing tools and the Test Management Approach (TMap), which shows how to integrate test management into the larger process of software design.

In all, *Test Process Improvement* can give any testing engineer or manager some practical ways to work more effectively. This is a groundbreaking blueprint for improving software testing. --Richard Dragan

Topics covered: Overview and guide to Test Process Improvement (TPI), types of testing, pitfalls for successful testing, measuring your organization's test maturity, 20 key areas, levels, checkpoints, suggestions for improvement, implementing TPI within your organization, TPI and the project life cycle, test planning and project estimation, metrics, advantages and limits of testing tools, test and office environments for improved testing, communication, reporting, defect management, managing the test process, evaluation, low-level testing, and Test Management Approach (TMap)--a proprietary strategy for structured testing.

From the Back Cover

Software Engineering / Testing Test Process Improvement A practical step-by-step guide to structured testing Tim Koomen Martin Pol ¿If competitiveness is an issue in your market, IT will be vital, and this book will help you to deal with the problems it will bring along.¿ Henk W Broeders, Executive Board, CAP Gemini ¿I was introduced to TPI and suddenly the penny dropped...This was quite a revelation... I recommend that you try the ideas suggested in this book... use the TPI method to improve your test process.¿ Stephen K Allott, Senior Consultant, ImagoQA Ltd ¿The application of TPI enables us to raise our global testing organization to the next professional level. I am absolutely convinced that everybody using TPI in a similar way will experience the same added value.¿ Dr Hans Voorthuyzen, Global Manager Product Testing Group, Baan Software testing is an essential part of software development but many organizations regard it as an uncontrollable part of the process and find it difficult to take steps to improve it. In Test Process Improvement, Tim Koomen and Martin Pol give practical suggestions for improving the testing process in a gradual and controlled manner, with realistic goals in terms of quality, lead time and costs. The book describes and explains the Test Process Improvement (TPI) model, tried and tested by numerous professional

testers, which provides a structured framework to be used either for improving an existing test process or for developing a new process from scratch. The authors use their in-depth knowledge and extensive experience to provide practical guidance and a framework that enables the reader to adapt the model for use in his/her organization. If you are involved in testing software systems and are aiming to implement a successful and structured process, you will find this book an invaluable resource. About the authors Tim Koomen is a professional tester for IQUIP Informatica B.V. in the Netherlands, where he is a member of the R&D team covering issues such as automated testing and testfactories. He is currently advising organizations on how to improve their testing processes using the TPI model. He regularly presents at conferences and training sessions throughout Europe. Martin Pol has over 25 years of experience in structured testing, currently working as an R&D manager with responsibility for development and innovation of testing methods for IQUIP Informatica B.V. and GiTek Software N.V. in Belgium. He was involved in the development of the structured testing approach, TMap, and the creation of TPI. He is a highly regarded speaker at conferences and training courses throughout Europe and the USA, having twice chaired EuroSTAR. He recently received the European Testing Excellence Award for his contribution to the field of testing. [barcode box] Visit us on the World Wide Web at: <http://www.awl-he.com/computing> <http://www.awl.com/cseng> Back of Jacket

About the Author

Tim Koomen is a professional tester for IQUIP Informatica B.V. in the Netherlands, where he is a member of the R&D team covering issues such as automated testing and testfactories. He is currently advising organizations on how to improve their testing processes using the TPI model. He regularly presents at conferences and training sessions throughout Europe.

Martin Pol has over 25 years of experience in structured testing, currently working as CEO, senior consultant for Polteq International Testing services.

Users Review

From reader reviews:

Crystal Dewitt:

Information is provisions for anyone to get better life, information today can get by anyone at everywhere. The information can be a knowledge or any news even restricted. What people must be consider if those information which is within the former life are challenging to be find than now could be taking seriously which one would work to believe or which one often the resource are convinced. If you get the unstable resource then you understand it as your main information it will have huge disadvantage for you. All of those possibilities will not happen in you if you take Test Process Improvement: A step-by-step guide to structured testing as your daily resource information.

Judith Bode:

Reading a reserve can be one of a lot of activity that everyone in the world enjoys. Do you like reading book thus. There are a lot of reasons why people love it. First reading a reserve will give you a lot of new details. When you read a e-book you will get new information simply because book is one of numerous ways to share the information as well as their idea. Second, reading a book will make you more imaginative. When you reading a book especially tale fantasy book the author will bring you to definitely imagine the story how

the people do it anything. Third, you may share your knowledge to other folks. When you read this Test Process Improvement: A step-by-step guide to structured testing, you may tell your family, friends and also soon about your book. Your knowledge can inspire the others, make them reading a guide.

Tony Partee:

Reading a book to get new life style in this yr; every people loves to read a book. When you learn a book you can get a large amount of benefit. When you read ebooks, you can improve your knowledge, simply because book has a lot of information in it. The information that you will get depend on what sorts of book that you have read. If you need to get information about your analysis, you can read education books, but if you want to entertain yourself you are able to a fiction books, this kind of us novel, comics, in addition to soon. The Test Process Improvement: A step-by-step guide to structured testing offer you a new experience in reading through a book.

Willie Briggs:

That book can make you to feel relax. This book Test Process Improvement: A step-by-step guide to structured testing was vibrant and of course has pictures on the website. As we know that book Test Process Improvement: A step-by-step guide to structured testing has many kinds or type. Start from kids until teens. For example Naruto or Investigation company Conan you can read and think that you are the character on there. Therefore, not at all of book are usually make you bored, any it offers you feel happy, fun and chill out. Try to choose the best book for you personally and try to like reading which.

**Download and Read Online Test Process Improvement: A step-by-step guide to structured testing By Tim Koomen, Martin Pol
#2LYO0M1REIV**

Read Test Process Improvement: A step-by-step guide to structured testing By Tim Koomen, Martin Pol for online ebook

Test Process Improvement: A step-by-step guide to structured testing By Tim Koomen, Martin Pol 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 Test Process Improvement: A step-by-step guide to structured testing By Tim Koomen, Martin Pol books to read online.

Online Test Process Improvement: A step-by-step guide to structured testing By Tim Koomen, Martin Pol ebook PDF download

Test Process Improvement: A step-by-step guide to structured testing By Tim Koomen, Martin Pol Doc

Test Process Improvement: A step-by-step guide to structured testing By Tim Koomen, Martin Pol Mobipocket

Test Process Improvement: A step-by-step guide to structured testing By Tim Koomen, Martin Pol EPub

2LYO0M1REIV: Test Process Improvement: A step-by-step guide to structured testing By Tim Koomen, Martin Pol