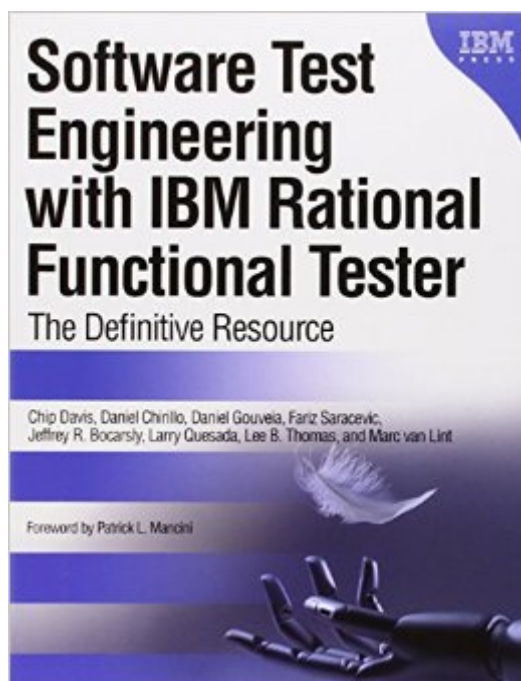


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# Software Test Engineering With IBM Rational Functional Tester: The Definitive Resource



## Synopsis

Praise for *Software Test Engineering with IBM Rational Functional Tester* – “Finally, a manual for the Software Test Engineer! Many manuals on the market today are geared toward developers, and none exist for Rational Functional Tester. This is one of the first manuals geared toward the Automated Test Engineer acknowledging the depth of knowledge required for a very complex job. The manual will assist all levels of test engineering with very specific steps and hands-on advice. This manual is a reference book that no Automated Test Engineer using RFT should be without!”

– Penny Bowser, CTFL, CHE, QA Manager

“The authors succeed in walking a line between sharing a wealth of technical knowledge and providing enough context to ensure the readers understand what they need to do and why. Novices and skilled practitioners alike should find the work a good read and a solid reference. Automating functional testing tends to receive less investment than it should, to the detriment of organizations everywhere. If the reader is seeking to improve his knowledge of Rational Functional Tester and make an impact using that knowledge, there is no better reference than this excellent distillation of years of field-proven experience.”

– David J. Trent, Market Manager of Process and Best Practices Segment for Rational Software, IBM

“As a former manager of the group that tested IBM’s Rational Functional Tester, like a few others, I see clearly how this book can help teams multiply the benefits they derive from this product.”

– Ted Rivera, Senior Agile Transformation Architect, IBM Software Group

“This book is a wonderful, in-depth resource for novice and expert users alike.”

– Brian McCall, former IBM IT Specialist

“This collection of Rational Functional Tester information is a ‘must have’ for anyone using this solution. Everyone from beginners to advanced users will find this book very helpful.”

– Lew Cote, IBM Technical Solution Architect

“This much-needed book effectively describes the value of Rational Functional Tester for functional testing needs. The book is well organized, thought through, and has all the latest information. The authors are no doubt subject matter experts.”

– Kamala Parvathanathan, Senior Manager, IBM Rational

**The Indispensable Resource for Automated Testing**

Automated software testing has become a critical exercise, especially for developers utilizing iterative and agile methods. However, to achieve the full benefits of automated testing, teams need a deep understanding of both its principles and their testing tools. If you’re among the thousands of developers using IBM Rational Functional Tester (RFT), this book brings together all the insight, examples, and real-world solutions you need to succeed. Eight leading IBM testing experts thoroughly introduce this state-of-the-art product, covering issues ranging from building test environments through executing the most complex and powerful tests. Drawing on decades of experience with IBM Rational testing products, they address

both technical and nontechnical challenges and present everything from best practices to reusable code. • Coverage Includes Integrating IBM RFT into your development processes Building highly efficient test environments, test harnesses, and test scripts Using RFT Visual Editor to extend testing automation to novice users Mastering basic scripting techniques, from data capture to script synchronization Managing script data using RFT Datapools Efficiently debugging scripts using Eclipse or Visual Studio® Managing execution flow: playback settings, logic, error handling, and more Handling domains that are not supported by RFT Using advanced techniques, such as mouse delays and custom verification points Testing specialized software, including mainframe, SAP, Siebel, and Adobe® Flex® applications Extending RFT with external libraries Developing RFT support for third-party Java or .NET controls Using RFT in both Linux® and Windows® environments Configuring internationalized testing within the RFT framework

## Book Information

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## Customer Reviews

Well I awaited a few months for this book, it arrived just before Santa! If you do not wish to pay for the courses available, then this book is by far the cheaper alternative. It is well put together and easy to follow for beginners in the RFT automation field of software testing. There are good chapters dedicated to building support for new objects and managing script execution. For a novice like myself, this book contained great insight to assist furthering my understanding of the tool. It also

delivered in a clear and at a simple level. I found it easy to read, with good descriptions and explanations. Albeit some of the areas that are being described are not easy concepts. There is also good appendix on regular expressions and logging techniques. It would have been nice to have had a story board project other than the classicjava. Code snippets are provided both in VB.Net and Java albeit on paper (you can get the download version). On the whole I am impressed with the book and it has assisted my testing and I continually go back to it for reference.

This book is an incredible resource (and a must have) for anyone developing testing automation systems in Rational Functional Tester. I wrote this review right after finding --yet another-- piece of code that will save me hours of coding. What makes this book so relevant to testing automation engineers? It is not another boring API book, but a book with solutions to problems we face everyday as we write our scripts or common classes. I don't care about all of the parameters a method supports, I need to know how to solve a problem. Case in point. As I write this review, I'm at a customer site writing code to verify a return XML. I started writing my own method of verifying XML nodes by loading them as strings and then using a ".contains" Java method. It works ... but it could be better. So I turn to this book and I find in page 153 - "Finding Elements Using XPath". I thought it was going to be another API dictionary of all of the things XPath supports, but to my delight, it is a simpler explanation as to how I can incorporate the code provided in the book into my script. I just saved myself a day of coding! That's what this book does for you. (Although one can argue that now I can't charge for the time, but I much rather have reputation than the money...) I was so impressed I just had to stop coding and write in a good review for the book. Not bad guys ... not bad AT ALL! :)

it's a very good training resource, for IBM certification in Rational Functional Tester. Besides, it's useful for reviewing tips for daily work. Regards.

Best book you can buy!

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