Why Software Gets In Trouble (Quality Software Book 2)

By Gerald M. Weinberg

Why Software Gets In Trouble (Quality Software Book 2) By Gerald M. Weinberg

This is part 2 of the latest edition of the classic, Quality Software Management. Its fundamental purpose is to teach how to understand the dynamics of software development organizations, to plan software projects, and to act effectively to carry out those plans.

Many books have described How Software Is Built. It's a complex subject, and indeed, that's the first title in this Quality Software Series. But people who use software (and builders, too) want to know Why Software Gets In Trouble. You might wonder why anyone would need an entire book on that subject. Why not just say "people make mistakes"?

Why not? Because there are reasons people make mistakes, and make them repeatedly, and fail to discover and correct them. That's what this book is about, and believe me, those reasons (and how to prevent them) do fill an entire book.

The reasons are both personal and organizational. If we're ever going to build better quality software, we'll definitely have to study the reasons people make mistakes. For software developers, designers, testers, their mangers, and their customers, that study starts right here.

Written from a technical and psychological perspective, describing how to think about what you do. The notation takes almost no effort to learn and use it. The diagrams are simple and easy to understand and used in a consistent manner.

The book offers ideas for coping with the very difficult problems that face those who work on projects where they don't have enough time, enough information, enough skill, or enough money to do a perfect job of anything. Given these limitations, managers have to make tradeoff decisions in light of the best understanding of cause and effect they can muster.

Reviewers say the book is a hidden treasure, containing within it the best definitions of quality ever published. It's written with a great sense of humor that helps make the lessons and insights you will get from the book easier to take.

For example, why is software development so often plagued by crisis? Weinberg helps the reader step back from developing software and examine the dynamics and patterns of software creation. By discussing patterns of quality, patterns of managing and patterns of software faults, the author shows that quality software begins with keen observation and clear thinking about software development. The text is extremely thought-provoking and is spiced with anecdotes drawn from decades of software experience.

The book is divided into two sections: "Fault Patterns" and "Pressure Patterns". Each section has a number of chapters that examine different systemic aspects of the specific issues.
"Fault Patterns" discusses different types of defects and how they occur. In addition, Weinberg examines what are software faults and how the organization deals with them means to how the people work.

"Pressure Patterns" looks into managerial behavior and why managers lose patience and feel helpless.

⬇ **Download** Why Software Gets In Trouble (Quality Software Boo ...pdf

📄 **Read Online** Why Software Gets In Trouble (Quality Software B ...pdf

Why Software Gets In Trouble (Quality Software Book 2)

By Gerald M. Weinberg

Why Software Gets In Trouble (Quality Software Book 2) By Gerald M. Weinberg

This is part 2 of the latest edition of the classic, Quality Software Management. Its fundamental purpose is to teach how to understand the dynamics of software development organizations, to plan software projects, and to act effectively to carry out those plans.

Many books have described How Software Is Built. It's a complex subject, and indeed, that's the first title in this Quality Software Series. But people who use software (and builders, too) want to know Why Software Gets In Trouble. You might wonder why anyone would need an entire book on that subject. Why not just say "people make mistakes"?

Why not? Because there are reasons people make mistakes, and make them repeatedly, and fail to discover and correct them. That's what this book is about, and believe me, those reasons (and how to prevent them) do fill an entire book.

The reasons are both personal and organizational. If we're ever going to build better quality software, we'll definitely have to study the reasons people make mistakes. For software developers, designers, testers, their mangers, and their customers, that study starts right here.

Written from a technical and psychological perspective, describing how to think about what you do. The notation takes almost no effort to learn and use it. The diagrams are simple and easy to understand and used in a consistent manner.

The book offers ideas for coping with the very difficult problems that face those who work on projects where they don't have enough time, enough information, enough skill, or enough money to do a perfect job of anything. Given these limitations, managers have to make tradeoff decisions in light of the best understanding of cause and effect they can muster.

Reviewers say the book is a hidden treasure, containing within it the best definitions of quality ever published. It's written with a great sense of humor that helps make the lessons and insights you will get from the book easier to take.

For example, why is software development so often plagued by crisis? Weinberg helps the reader step back from developing software and examine the dynamics and patterns of software creation. By discussing patterns of quality, patterns of managing and patterns of software faults, the author shows that quality software begins with keen observation and clear thinking about software development. The text is extremely thought-provoking and is spiced with anecdotes drawn from decades of software experience.

The book is divided into two sections: "Fault Patterns" and "Pressure Patterns". Each section has a number of chapters that examine different systemic aspects of the specific issues.
"Fault Patterns" discusses different types of defects and how they occur. In addition, Weinberg examines what are software faults and how the organization deals with them means to how the people work.

"Pressure Patterns" looks into managerial behavior and why managers lose patience and feel helpless.

Why Software Gets In Trouble (Quality Software Book 2) By Gerald M. Weinberg Bibliography

- Sales Rank: #801795 in eBooks
- Published on: 2011-01-22
- Released on: 2011-01-22
- Format: Kindle eBook

Download and Read Free Online Why Software Gets In Trouble (Quality Software Book 2) By Gerald M. Weinberg

Editorial Review

Users Review

From reader reviews:

Paul Blecha:

The book Why Software Gets In Trouble (Quality Software Book 2) make one feel enjoy for your spare time. You may use to make your capable a lot more increase. Book can to be your best friend when you getting anxiety or having big problem with your subject. If you can make studying a book Why Software Gets In Trouble (Quality Software Book 2) to become your habit, you can get much more advantages, like add your own capable, increase your knowledge about many or all subjects. You could know everything if you like open and read a publication Why Software Gets In Trouble (Quality Software Book 2). Kinds of book are several. It means that, science book or encyclopedia or other folks. So , how do you think about this publication?

Fred Scott:

Spent a free the perfect time to be fun activity to perform! A lot of people spent their spare time with their family, or their own friends. Usually they performing activity like watching television, likely to beach, or picnic within the park. They actually doing same thing every week. Do you feel it? Do you need to something different to fill your personal free time/ holiday? Can be reading a book might be option to fill your cost-free time/ holiday. The first thing you will ask may be what kinds of reserve that you should read. If you want to test look for book, may be the e-book untitled Why Software Gets In Trouble (Quality Software Book 2) can be fine book to read. May be it is usually best activity to you.

Yolanda Matlock:

Do you have something that you like such as book? The reserve lovers usually prefer to decide on book like comic, brief story and the biggest the first is novel. Now, why not striving Why Software Gets In Trouble (Quality Software Book 2) that give your fun preference will be satisfied through reading this book. Reading practice all over the world can be said as the means for people to know world better then how they react toward the world. It can't be claimed constantly that reading routine only for the geeky person but for all of you who wants to be success person. So , for all you who want to start looking at as your good habit, you can pick Why Software Gets In Trouble (Quality Software Book 2) become your starter.

Mabel Maddux:

A lot of reserve has printed but it differs from the others. You can get it by world wide web on social media. You can choose the very best book for you, science, amusing, novel, or whatever simply by searching from

it. It is known as of book Why Software Gets In Trouble (Quality Software Book 2). You can contribute your knowledge by it. Without departing the printed book, it might add your knowledge and make you happier to read. It is most important that, you must aware about book. It can bring you from one spot to other place.

Download and Read Online Why Software Gets In Trouble (Quality Software Book 2) By Gerald M. Weinberg #QXFNH4S0IJ9

Read Why Software Gets In Trouble (Quality Software Book 2) By Gerald M. Weinberg for online ebook

Why Software Gets In Trouble (Quality Software Book 2) By Gerald M. Weinberg 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 Why Software Gets In Trouble (Quality Software Book 2) By Gerald M. Weinberg books to read online.

Online Why Software Gets In Trouble (Quality Software Book 2) By Gerald M. Weinberg ebook PDF download

Why Software Gets In Trouble (Quality Software Book 2) By Gerald M. Weinberg Doc

Why Software Gets In Trouble (Quality Software Book 2) By Gerald M. Weinberg Mobipocket

Why Software Gets In Trouble (Quality Software Book 2) By Gerald M. Weinberg EPub

QXFNH4S0IJ9: Why Software Gets In Trouble (Quality Software Book 2) By Gerald M. Weinberg