Your Code as a Crime Scene: Use Forensic Techniques to Arrest Defects, Bottlenecks, and Bad Design in Your Programs (The Pragmatic Programmers)

Adam Tornhill

Your Code as a Crime Scene: Use Forensic Techniques to Arrest Defects, Bottlenecks, and Bad Design in Your Programs (The Pragmatic Programmers)

Adam Tornhill

Your Code as a Crime Scene: Use Forensic Techniques to Arrest Defects, Bottlenecks, and Bad Design in Your Programs (The Pragmatic Programmers) Adam Tornhill

Jack the Ripper and legacy codebases have more in common than you'd think. Inspired by forensic psychology methods, you'll learn strategies to predict the future of your codebase, assess refactoring direction, and understand how your team influences the design. With its unique blend of forensic psychology and code analysis, this book arms you with the strategies you need, no matter what programming language you use.

Software is a living entity that's constantly changing. To understand software systems, we need to know where they came from and how they evolved. By mining commit data and analyzing the history of your code, you can start fixes ahead of time to eliminate broken designs, maintenance issues, and team productivity bottlenecks.

In this book, you'll learn forensic psychology techniques to successfully maintain your software. You'll create a geographic profile from your commit data to find hotspots, and apply temporal coupling concepts to uncover hidden relationships between unrelated areas in your code. You'll also measure the effectiveness of your code improvements. You'll learn how to apply these techniques on projects both large and small. For small projects, you'll get new insights into your design and how well the code fits your ideas. For large projects, you'll identify the good and the fragile parts.

Large-scale development is also a social activity, and the team's dynamics influence code quality. That's why this book shows you how to uncover social biases when analyzing the evolution of your system. You'll use commit messages as eyewitness accounts to what is really happening in your code. Finally, you'll put it all together by tracking organizational problems in the code and finding out how to fix them. Come join the hunt for better code!

What You Need:

You need Java 6 and Python 2.7 to run the accompanying analysis tools. You also need Git to follow along with the examples.

Download and Read Free Online Your Code as a Crime Scene: Use Forensic Techniques to Arrest

Defects, Bottlenecks, and Bad Design in Your Programs (The Pragmatic Programmers) Adam Tornhill

Download and Read Free Online Your Code as a Crime Scene: Use Forensic Techniques to Arrest Defects, Bottlenecks, and Bad Design in Your Programs (The Pragmatic Programmers) Adam Tornhill

---

From reader reviews:

Jessica Bradsher:

Spent a free the perfect time to be fun activity to do! A lot of people spent their free time with their family, or their very 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? Would you like to something different to fill your own personal free time/ holiday? Could be reading a book can be option to fill your totally free time/ holiday. The first thing you will ask may be what kinds of reserve that you should read. If you want to attempt look for book, may be the guide untitled Your Code as a Crime Scene: Use Forensic Techniques to Arrest Defects, Bottlenecks, and Bad Design in Your Programs (The Pragmatic Programmers) can be excellent book to read. May be it is usually best activity to you.

Mary Grays:

A lot of people always spent all their free time to vacation as well as go to the outside with them family members or their friend. Do you know? Many a lot of people spent that they free time just watching TV, or perhaps playing video games all day long. If you need to try to find a new activity that is look different you can read some sort of book. It is really fun in your case. If you enjoy the book that you simply read you can spent 24 hours a day to reading a book. The book Your Code as a Crime Scene: Use Forensic Techniques to Arrest Defects, Bottlenecks, and Bad Design in Your Programs (The Pragmatic Programmers) it is rather good to read. There are a lot of people that recommended this book. They were enjoying reading this book. In case you did not have enough space to develop this book you can buy the e-book. You can m0ore easily to read this book through your smart phone. The price is not very costly but this book possesses high quality.

Maria Kim:

This Your Code as a Crime Scene: Use Forensic Techniques to Arrest Defects, Bottlenecks, and Bad Design in Your Programs (The Pragmatic Programmers) is great e-book for you because the content which can be full of information for you who have always deal with world and have to make decision every minute. That book reveal it details accurately using great coordinate word or we can point out no rambling sentences within it. So if you are read the idea hurriedly you can have whole details in it. Doesn't mean it only provides straight forward sentences but tricky core information with splendid delivering sentences. Having Your Code as a Crime Scene: Use Forensic Techniques to Arrest Defects, Bottlenecks, and Bad Design in Your Programs (The Pragmatic Programmers) in your hand like keeping the world in your arm, facts in it is not ridiculous one. We can say that no guide that offer you world inside ten or fifteen moment right but this publication already do that. So , it is good reading book. Hello Mr. and Mrs. active do you still doubt which?

Anthony Bankston:

A lot of people said that they feel fed up when they reading a guide. They are directly felt it when they get a

half elements of the book. You can choose often the book Your Code as a Crime Scene: Use Forensic Techniques to Arrest Defects, Bottlenecks, and Bad Design in Your Programs (The Pragmatic Programmers) to make your own reading is interesting. Your own skill of reading expertise is developing when you such as reading. Try to choose straightforward book to make you enjoy to see it and mingle the opinion about book and examining especially. It is to be 1st opinion for you to like to open up a book and examine it. Beside that the reserve Your Code as a Crime Scene: Use Forensic Techniques to Arrest Defects, Bottlenecks, and Bad Design in Your Programs (The Pragmatic Programmers) can to be a newly purchased friend when you're experience alone and confuse with what must you're doing of these time.

Download and Read Online Your Code as a Crime Scene: Use Forensic Techniques to Arrest Defects, Bottlenecks, and Bad Design in Your Programs (The Pragmatic Programmers) Adam Tornhill #FJ1QR3W5E7N

Read Your Code as a Crime Scene: Use Forensic Techniques to Arrest Defects, Bottlenecks, and Bad Design in Your Programs (The Pragmatic Programmers) by Adam Tornhill for online ebook

Your Code as a Crime Scene: Use Forensic Techniques to Arrest Defects, Bottlenecks, and Bad Design in Your Programs (The Pragmatic Programmers) by Adam Tornhill 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 Your Code as a Crime Scene: Use Forensic Techniques to Arrest Defects, Bottlenecks, and Bad Design in Your Programs (The Pragmatic Programmers) by Adam Tornhill books to read online.

Online Your Code as a Crime Scene: Use Forensic Techniques to Arrest Defects, Bottlenecks, and Bad Design in Your Programs (The Pragmatic Programmers) by Adam Tornhill ebook PDF download

Your Code as a Crime Scene: Use Forensic Techniques to Arrest Defects, Bottlenecks, and Bad Design in Your Programs (The Pragmatic Programmers) by Adam Tornhill Doc

Your Code as a Crime Scene: Use Forensic Techniques to Arrest Defects, Bottlenecks, and Bad Design in Your Programs (The Pragmatic Programmers) by Adam Tornhill Mobipocket

Your Code as a Crime Scene: Use Forensic Techniques to Arrest Defects, Bottlenecks, and Bad Design in Your Programs (The Pragmatic Programmers) by Adam Tornhill EPub

Your Code as a Crime Scene: Use Forensic Techniques to Arrest Defects, Bottlenecks, and Bad Design in Your Programs (The Pragmatic Programmers) by Adam Tornhill Ebook online

Your Code as a Crime Scene: Use Forensic Techniques to Arrest Defects, Bottlenecks, and Bad Design in Your Programs (The Pragmatic Programmers) by Adam Tornhill Ebook PDF