



# **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 now

[Click here](#) if your download doesn't start automatically

# 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 Your Code as a Crime Scene: Use Forensic Technique ...pdf](#)

 [Read Online Your Code as a Crime Scene: Use Forensic Techniq ...pdf](#)

## **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:**

#### **Mary Edick:**

What do you regarding book? It is not important with you? Or just adding material when you really need something to explain what your own problem? How about your free time? Or are you busy man? If you don't have spare time to complete others business, it is gives you the sense of being bored faster. And you have spare time? What did you do? Every individual has many questions above. They must answer that question since just their can do this. It said that about publication. Book is familiar in each person. Yes, it is suitable. Because start from on pre-school until university need that Your Code as a Crime Scene: Use Forensic Techniques to Arrest Defects, Bottlenecks, and Bad Design in Your Programs (The Pragmatic Programmers) to read.

#### **Christi Potter:**

Do you one of the book lovers? If yes, do you ever feeling doubt if you find yourself in the book store? Try to pick one book that you find out the inside because don't determine book by its cover may doesn't work the following is difficult job because you are frightened that the inside maybe not seeing that fantastic as in the outside look likes. Maybe you answer could be Your Code as a Crime Scene: Use Forensic Techniques to Arrest Defects, Bottlenecks, and Bad Design in Your Programs (The Pragmatic Programmers) why because the excellent cover that make you consider in regards to the content will not disappoint a person. The inside or content is actually fantastic as the outside as well as cover. Your reading 6th sense will directly make suggestions to pick up this book.

#### **Bethany Hall:**

Don't be worry for anyone who is afraid that this book may filled the space in your house, you may have it in e-book means, more simple and reachable. This specific Your Code as a Crime Scene: Use Forensic Techniques to Arrest Defects, Bottlenecks, and Bad Design in Your Programs (The Pragmatic Programmers) can give you a lot of friends because by you investigating this one book you have thing that they don't and make you actually more like an interesting person. This specific book can be one of a step for you to get success. This reserve offer you information that maybe your friend doesn't realize, by knowing more than different make you to be great individuals. So , why hesitate? We should have Your Code as a Crime Scene: Use Forensic Techniques to Arrest Defects, Bottlenecks, and Bad Design in Your Programs (The Pragmatic Programmers).

#### **Scottie Kelly:**

As a scholar exactly feel bored in order to reading. If their teacher asked them to go to the library or make summary for some publication, they are complained. Just small students that has reading's heart and soul or real their passion. They just do what the teacher want, like asked to the library. They go to generally there

but nothing reading seriously. Any students feel that examining is not important, boring in addition to can't see colorful images on there. Yeah, it is to get complicated. Book is very important to suit your needs. As we know that on this period, many ways to get whatever you want. Likewise word says, many ways to reach Chinese's country. So , this Your Code as a Crime Scene: Use Forensic Techniques to Arrest Defects, Bottlenecks, and Bad Design in Your Programs (The Pragmatic Programmers) can make you feel more interested to read.

**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 #2RGJX9PVEMT**

# **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**