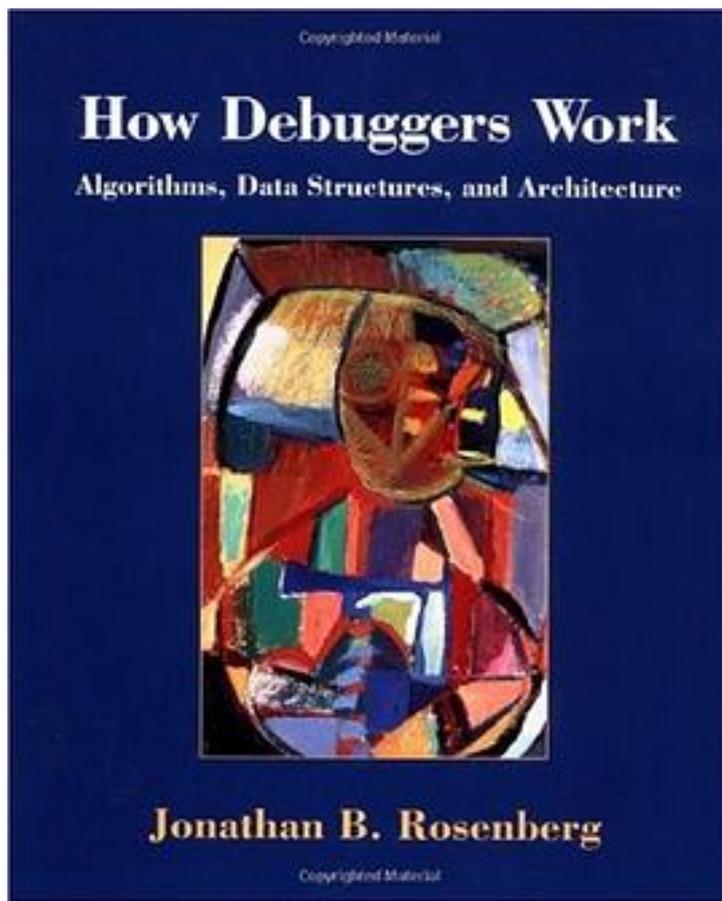


# How Debuggers Work



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著者:Jonathan B. Rosenberg

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A total guide to debuggers: what they do, how they work, and how to use them to produce better programs

"Debuggers are the magnifying glass, the microscope, the logic analyzer, the profiler,

and the browser with which a program can be examined."-Jonathan B. Rosenberg

Debuggers are an indispensable tool in the development process. In fact, during the course of the average software project, more hours are spent debugging software than in compiling code. Yet, not many programmers really know how to constructively interpret the results they get back from debuggers. And even fewer know what makes these complex suites of algorithms and data structures tick. Now in this extremely accessible guide, Jonathan B. Rosenberg demystifies debuggers for programmers and shows them how to make better use of debuggers in their next projects.

Taking a hands-on, problem-solving approach to a complex subject, Rosenberg explains how debuggers work and why programmers use them. Most importantly, he provides practical discussions of debugger algorithms and procedures for their use, accompanied by many practical examples. The author also discusses a wide variety of systems applications, from Microsoft's Win32 debug API to a large parallel architecture.

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作者介绍:

JONATHAN B. ROSENBERG, author, manages the development of software tools at Borland International.

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标签

调试器

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## 评论

重要部分浏览

一点也不像是Borland程序员写的书..

Nice supplementary reading for those who want to know more about compilers and system architecture.

一本深入讲解调试器原理的书，似乎是此类书籍中唯一的一本，对于程序员修炼内功大有裨益。不知道为什么国内没有人翻译这本书，呵呵，有种想尝试一下的冲动，也许过一阵会动笔翻译一些章节

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## 书评

Debugger的正名应该是analyzer。读过此书，我的感觉是应该知道debugger能做什么。当我们遇到bug时，我们如何分析解决。这些，常常是在维护一个项目的时候积累出来的经验。我自己独立写过几年的程序，而有些问题，出处却是别人的代码，这常常让人恼火，因为拉屎的和擦屁股的很可...

一本介绍调试器原理的入门读物，过于教科书化，缺少实际的代码。特别是，出版年代过于久远，对现代调试器技术完全没有介绍。

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