C++ Concurrency in Action: Practical Multithreading

Anthony Williams

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Summary

C++ Concurrency in Action is a reference and guide to the new C++ 11 Standard for experienced C++ programmers as well as those who have never written multithreaded code. This book will show you how to write robust multithreaded applications in C++ while avoiding many common pitfalls.

About the Technology

Multiple processors with multiple cores are the norm these days. The C++11 version of the C++ language offers beefed-up support for multithreaded applications, and requires that you master the principles, techniques, and new language features of concurrency to stay ahead of the curve.

About the Book

Without assuming you have a background in the subject, *CC++ Concurrency in Action* gradually enables you to write robust and elegant multithreaded applications in C++11. You'll explore the threading memory model, the new multithreading support library, and basic thread launching and synchronization facilities. Along the way, you'll learn how to navigate the trickier bits of programming for concurrency.

Written for C++ programmers who are new to concurrency and others who may have written multithreaded code using other languages, APIs, or platforms.

Purchase of the print book comes with an offer of a free PDF, ePub, and Kindle eBook from Manning. Also available is all code from the book.

What's Inside

- Written for the new C++11 Standard
- Programming for multiple cores and processors
- Small examples for learning, big examples for practice

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10. Testing and debugging multithreaded applications

From reader reviews:

Anthony Powell:

This C++ Concurrency in Action: Practical Multithreading are reliable for you who want to be described as a successful person, why. The reason of this C++ Concurrency in Action: Practical Multithreading can be one of the great books you must have is actually giving you more than just simple reading through food but feed an individual with information that might be will shock your previous knowledge. This book is handy, you can bring it everywhere you go and whenever your conditions at e-book and printed types. Beside that this C++ Concurrency in Action: Practical Multithreading giving you an enormous of experience for example rich vocabulary, giving you trial of critical thinking that we realize it useful in your day activity. So , let's have it and luxuriate in reading.

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