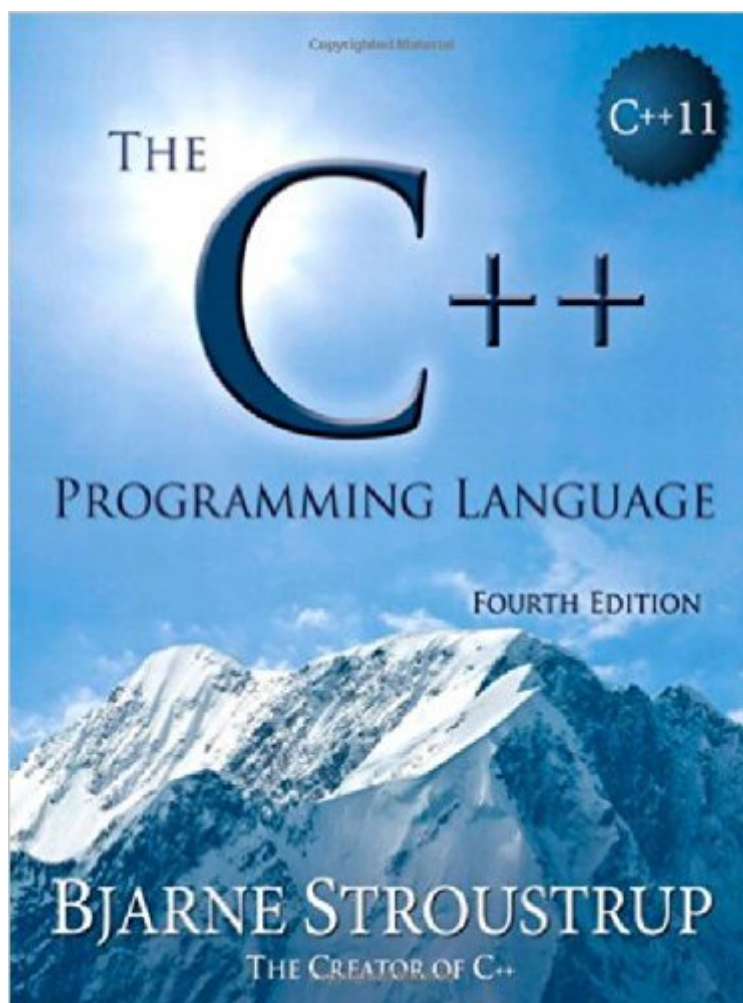


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The C++ Programming Language, 4th Edition



Synopsis

C++11 has arrived: thoroughly master it, with the definitive new guide from C++ creator Bjarne Stroustrup, *C++ Programming Language, Fourth Edition*! The brand-new edition of the world's most trusted and widely read guide to C++, it has been comprehensively updated for the long-awaited C++11 standard. Extensively rewritten to present the C++11 language, standard library, and key design techniques as an integrated whole, Stroustrup thoroughly addresses changes that make C++11 feel like a whole new language, offering definitive guidance for leveraging its improvements in performance, reliability, and clarity. C++ programmers around the world recognize Bjarne Stroustrup as the go-to expert for the absolutely authoritative and exceptionally useful information they need to write outstanding C++ programs. Now, as C++11 compilers arrive and development organizations migrate to the new standard, they know exactly where to turn once more: Stroustrup's *C++ Programming Language, Fourth Edition*.

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Customer Reviews

This book is written in the way creator Bjarne Stroustrup sees his language and how his language should be used. This book is not thin on material for the intermediate to advanced C++ software engineer. One word in warning to potential buyers: You better be sharp with your STL skills before reading this book. Stroustrup writes his implementations around the STL which is not covered from a tutorial style in this book before he introduces it, which tells you that he meant for this book strictly as a reference not as a readers book. This criticism is constructive, not disruptive, but I have been programming in standard ANSI/ISO C++ for 9 years, this book is best understood if you read the

following first, if not, this book for even an intermediate C++ program cannot be digested to the fullest and you will reading this book fooling yourself of how much knowledge you have attained, when in reality, all that you have accomplished is reading this book so that you can say that you read Stroustrup, which is foolish, so read these first:1) C++ Primer 3rd Edition: Stanley Lippman Addison Wesley Books Strengths: If you are starting out with C++ with no C++ experience, this book covers every facet beginner to advanced topics, such as fundamental classes, class design covering nested class and intense class scoping rules, which Stroustrup's book does not cover, there is no reference to nested classes and access privileges with nested classes with Stroustrup's book. The chapters on function templates and another chapter on class templates are the most complete and thorough beyond what you need to know for richness is explained brilliantly and better than scant coverage in Stroustrup's.

Bjarne Stroustrup's THE C++ PROGRAMMING LANGUAGE is ideal for those potential buyers who already know 75% of what is written in the book. But please note that this is not necessarily a put-down or a bad thing. This book is reference material for people who are already familiar with the concepts and syntax of C++. If you're looking to learn C++ from scratch, then run far and run quickly away from this book. On the other hand, if you're an experienced coder who's looking to remember specific details, or an intermediate who's looking for some nitty-gritty information, then this is a highly recommended reference book. The writing is meticulous and often obscure. But Stroustrup packs in a lot of detail into every page. The example code is short and to the point. He assumes that if you don't get what he's talking about the first time, then further examples aren't going to help; and most of the time this assumption is justified, as his terse code manages to convey everything that it needs to. You really do need to have experience with C++ to understand a lot of his examples though, as often he will casually mention a concept or function that he won't get around to defining for another few hundred pages. After all, most of the features in C++ interact heavily with other functions, so it's not really possible to explain some things without explaining their relationships (even if they are relating to things that the text has not yet brought up). But, as I said, this is reference material, and such conventions are allowable and, at times, encouraged. I am much happier with a book like this that gives me all of the detail necessary than an introductory book that would only offer simplistic explanations in the beginning while holding out for the details towards the end.

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