



The C++ Programming Language (hardcover) (4th Edition)

By Bjarne Stroustrup

Download now

Read Online →

The C++ Programming Language (hardcover) (4th Edition) By Bjarne Stroustrup

The new C++11 standard allows programmers to express ideas more clearly, simply, and directly, and to write faster, more efficient code. Bjarne Stroustrup, the designer and original implementer of C++, has reorganized, extended, and completely rewritten his definitive reference and tutorial for programmers who want to use C++ most effectively.

***The C++ Programming Language, Fourth Edition,* delivers meticulous, richly explained, and integrated coverage of the entire language—its facilities, abstraction mechanisms, standard libraries, and key design techniques. Throughout, Stroustrup presents concise, “pure C++11” examples, which have been carefully crafted to clarify both usage and program design. To promote deeper understanding, the author provides extensive cross-references, both within the book and to the ISO standard.**

New C++11 coverage includes

- Support for concurrency
- Regular expressions, resource management pointers, random numbers, and improved containers
- General and uniform initialization, simplified for-statements, move semantics, and Unicode support
- Lambdas, general constant expressions, control over class defaults, variadic templates, template aliases, and user-defined literals
- Compatibility issues

Topics addressed in this comprehensive book include

- Basic facilities: type, object, scope, storage, computation fundamentals, and more
- Modularity, as supported by namespaces, source files, and exception handling
- C++ abstraction, including classes, class hierarchies, and templates in support of a synthesis of traditional programming, object-oriented programming, and generic programming
- Standard Library: containers, algorithms, iterators, utilities, strings, stream I/O,

locales, numerics, and more

- The C++ basic memory model, in depth

This fourth edition makes C++11 thoroughly accessible to programmers moving from C++98 or other languages, while introducing insights and techniques that even cutting-edge C++11 programmers will find indispensable.

This is a hardcover version of the Fourth Edition. Content in this hardcover and the paperback version is identical.

This book features an enhanced, layflat binding, which allows the book to stay open more easily when placed on a flat surface. This special binding method—noticeable by a small space inside the spine—also increases durability.

 [Download The C++ Programming Language \(hardcover\) \(4th Edit ...pdf](#)

 [Read Online The C++ Programming Language \(hardcover\) \(4th Ed ...pdf](#)

The C++ Programming Language (hardcover) (4th Edition)

By Bjarne Stroustrup

The C++ Programming Language (hardcover) (4th Edition) By Bjarne Stroustrup

The new C++11 standard allows programmers to express ideas more clearly, simply, and directly, and to write faster, more efficient code. Bjarne Stroustrup, the designer and original implementer of C++, has reorganized, extended, and completely rewritten his definitive reference and tutorial for programmers who want to use C++ most effectively.

***The C++ Programming Language, Fourth Edition*, delivers meticulous, richly explained, and integrated coverage of the entire language—its facilities, abstraction mechanisms, standard libraries, and key design techniques. Throughout, Stroustrup presents concise, “pure C++11” examples, which have been carefully crafted to clarify both usage and program design. To promote deeper understanding, the author provides extensive cross-references, both within the book and to the ISO standard.**

New C++11 coverage includes

- Support for concurrency
- Regular expressions, resource management pointers, random numbers, and improved containers
- General and uniform initialization, simplified for-statements, move semantics, and Unicode support
- Lambdas, general constant expressions, control over class defaults, variadic templates, template aliases, and user-defined literals
- Compatibility issues

Topics addressed in this comprehensive book include

- Basic facilities: type, object, scope, storage, computation fundamentals, and more
- Modularity, as supported by namespaces, source files, and exception handling
- C++ abstraction, including classes, class hierarchies, and templates in support of a synthesis of traditional programming, object-oriented programming, and generic programming
- Standard Library: containers, algorithms, iterators, utilities, strings, stream I/O, locales, numerics, and more
- The C++ basic memory model, in depth

This fourth edition makes C++11 thoroughly accessible to programmers moving from C++98 or other languages, while introducing insights and techniques that even cutting-edge C++11 programmers will find indispensable.

This is a hardcover version of the Fourth Edition. Content in this hardcover and the paperback version is identical.

This book features an enhanced, layflat binding, which allows the book to stay open more easily when placed on a flat surface. This special binding method—noticeable by a small space inside the spine—also increases durability.

The C++ Programming Language (hardcover) (4th Edition) By Bjarne Stroustrup Bibliography

- Sales Rank: #72313 in Books
- Brand: Brand: Addison-Wesley Professional
- Published on: 2013-08-03
- Original language: English
- Number of items: 1
- Dimensions: 9.20" h x 1.90" w x 7.50" l, .0 pounds
- Binding: Hardcover
- 1368 pages

 [Download The C++ Programming Language \(hardcover\) \(4th Edit ...pdf](#)

 [Read Online The C++ Programming Language \(hardcover\) \(4th Ed ...pdf](#)

Download and Read Free Online The C++ Programming Language (hardcover) (4th Edition) By Bjarne Stroustrup

Editorial Review

About the Author

Bjarne Stroustrup (www.stroustrup.com) is the designer and original implementer of C++, as well as the author of *Programming: Principles and Practice Using C++* (Addison-Wesley, 2009), *The C++ Programming Language* (Addison-Wesley, 1985, 1991, 1997, 2000), and many popular and academic publications. Dr. Stroustrup is a University Distinguished Professor at Texas A&M University and the holder of the College of Engineering Chair in Computer Science. He is a member of the U.S. National Academy of Engineering, an IEEE Fellow, and an ACM fellow. His research interests include distributed systems, design, programming techniques, software development tools, and programming languages. He is actively involved in the ISO standardization of C++.

Users Review

From reader reviews:

Mary Sims:

Have you spare time for a day? What do you do when you have much more or little spare time? Yeah, you can choose the suitable activity regarding spend your time. Any person spent all their spare time to take a go walking, shopping, or went to the particular Mall. How about open or maybe read a book titled The C++ Programming Language (hardcover) (4th Edition)? Maybe it is being best activity for you. You know beside you can spend your time along with your favorite's book, you can wiser than before. Do you agree with its opinion or you have different opinion?

Austin Barnes:

What do you concerning book? It is not important along with you? Or just adding material when you really need something to explain what you problem? How about your free time? Or are you busy person? If you don't have spare time to try and do others business, it is give you a sense of feeling bored faster. And you have free time? What did you do? All people has many questions above. The doctor has to answer that question due to the fact just their can do which. It said that about guide. Book is familiar on every person. Yes, it is proper. Because start from on kindergarten until university need this specific The C++ Programming Language (hardcover) (4th Edition) to read.

Carmen Annunziata:

In this 21st one hundred year, people become competitive in most way. By being competitive today, people have do something to make all of them survives, being in the middle of the crowded place and notice by means of surrounding. One thing that sometimes many people have underestimated it for a while is reading. That's why, by reading a publication your ability to survive improve then having chance to stand than other is high. For you who want to start reading any book, we give you this particular The C++ Programming

Language (hardcover) (4th Edition) book as beginning and daily reading e-book. Why, because this book is greater than just a book.

Marsha Young:

Is it an individual who having spare time in that case spend it whole day by watching television programs or just lying down on the bed? Do you need something new? This The C++ Programming Language (hardcover) (4th Edition) can be the respond to, oh how comes? A book you know. You are consequently out of date, spending your extra time by reading in this brand-new era is common not a nerd activity. So what these guides have than the others?

**Download and Read Online The C++ Programming Language
(hardcover) (4th Edition) By Bjarne Stroustrup #YBONZ14QDP5**

Read The C++ Programming Language (hardcover) (4th Edition) By Bjarne Stroustrup for online ebook

The C++ Programming Language (hardcover) (4th Edition) By Bjarne Stroustrup 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 The C++ Programming Language (hardcover) (4th Edition) By Bjarne Stroustrup books to read online.

Online The C++ Programming Language (hardcover) (4th Edition) By Bjarne Stroustrup ebook PDF download

The C++ Programming Language (hardcover) (4th Edition) By Bjarne Stroustrup Doc

The C++ Programming Language (hardcover) (4th Edition) By Bjarne Stroustrup Mobipocket

The C++ Programming Language (hardcover) (4th Edition) By Bjarne Stroustrup EPub

YBONZ14QDP5: The C++ Programming Language (hardcover) (4th Edition) By Bjarne Stroustrup