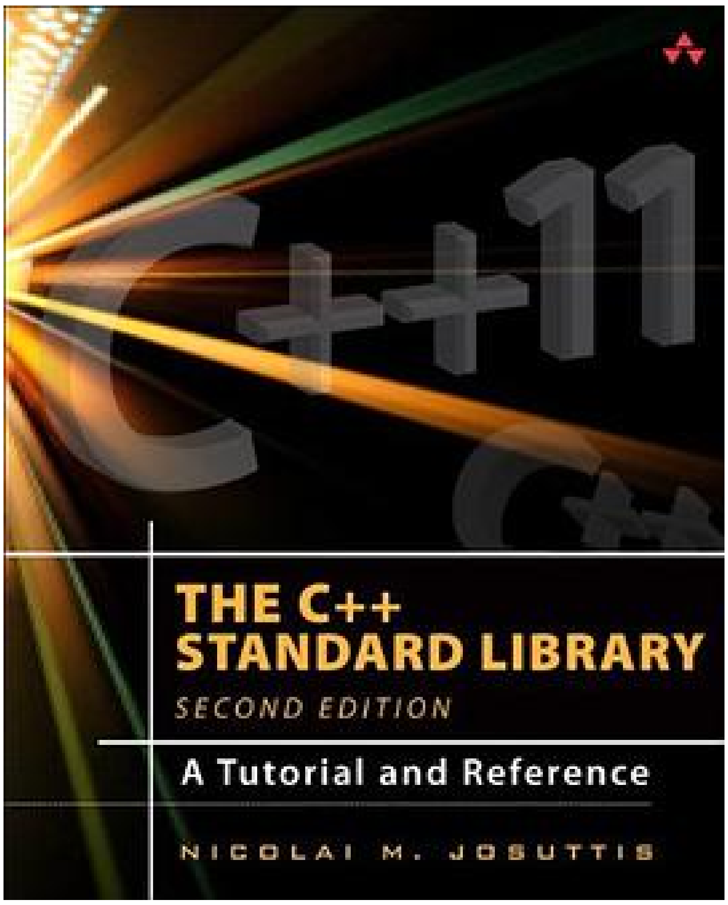
The C++ Standard Library, 2nd Edition



[The C++ Standard Library, 2nd Edition_下载链接1_]

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The Best-Selling Programmer Resource–Now Updated for C++11

The C++ standard library provides a set of common classes and interfaces that greatly extend the core C++ language. The library, however, is not self-explanatory. To make full use of its components - and to benefit from their power - you need a resource that does far more than list the classes and their functions.

The C++ Standard Library - A Tutorial and Reference, 2nd Edition describes this library as now incorporated into the new ANSI/ISO C++ language standard (C++11). The book provides comprehensive documentation of each library component, including an introduction to its purpose and design; clearly written explanations of complex concepts; the practical programming details needed for effective use; traps and pitfalls; the exact signature and definition of the most important classes and functions; and numerous examples of working code.

The book focuses on the Standard Template Library (STL), examining containers, iterators, function objects, and STL algorithms. You will also find detailed coverage of strings, concurrency, random numbers and distributions, special containers, numerical classes, internationalization, and the IOStreams library. An insightful introduction to fundamental concepts and an overview of the library will help bring newcomers quickly up to speed. A comprehensive index will support the C++ programmer in his/her day-to-day life.

The book covers all the new C++11 library components, including

Concurrency

Fractional arithmetic

Clocks and Timers

Random numbers and distributions

New smart pointers

Regular expressions

New STL containers, such as arrays, forward lists, and unordered containers

New STL algorithms

Tuples

Type traits and type utilities

The book also examines the new C++ programming style and its effect on the standard library, including lambdas, range-based for loops, and variadic templates.

An accompanying Web site, including source code, can be found at http://www.josuttis.com/.

作者介绍:

Nicolai M. Josuttis is an independent technical consultant who designs mid-sized and large software systems for the telecommunication, traffic, finance, and manufacturing industries. A former member of the C++ Standard Committee library working group, Nico is well known in the programming community for his authoritative books. In addition to The C++ Standard Library, a worldwide best-seller since its first publication in 1999, his books include C++ Templates: The Complete Guide (with David Vandevoorde, Addison-Wesley, 2003) and SOA in Practice: The Art of Distributed System Design (O’Reilly Media, 2007)

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标签

C++

STL

标准库

Programming

C/C++

计算机

编程

程序设计

评论

这本书内容看上去比较的简单，不看了

参考书参考书，详细得有点罗嗦了，比如vector和string两部分就有一些几乎相同的段落，可能是为了方便参考吧

当字典比较好。。

比起第一版作用会稍显弱些，旧的内容除了某些小细节之外和之前没太大的出入，C++11引入的部分写得对快速理解倒是挺不错的。 2015/12/20

基于C++11

文档翻译，值得看的是开头的C++11语言特性简介和后面的并行一章

草草读了一遍，以后用来查阅

准备慢慢悠悠的开始看电子版了, chapter3 ing... 2013-05-19。 感觉自己对C++ STL应该暂时止于C++98/03标准，不会再继续看了，2015-11-13（时光过得飞快）。呵呵，2017标准都快出来了吧，已放回待读队列...
已经不打算再读C++相关的书了，enough for me, 2017-02-28。
见证了我艰辛的C++之路，就不删除了，标为已读作纪念。

介绍和入门STL的好书。大部分内容都用过一些 重点看了concurrency的部分使用方式讲的很清楚。当字典放办公桌上

经典十三年后复现。几乎是对第一版的完全改写。

复习了多半本，主要看了容器、迭代器、算法、函数对象与lambda、智能指针。

粗略的读了一遍，前400多页细读，后600页略读，对于1.函数体2.c++11的特性3.STL的一些常规函数的使用都有了细致的了解。

觉得C++的标准库是我的弱项，补强中。。。 此书适合查阅，不适合全书阅读。

和老版的很类似!

随時當作字典查閱

The C++ Standard Library, 2nd Edition_下载链接1_

书评

此书在amazon.com上几乎得到了全五星的评论。800页的大部头，我大概花了一周不到的时间基本读完，并动手敲完了前10章的绝大部分demo代码。
STL的设计思想（通过迭代器将数据结构和算法分离，获得通用性的程序组件）是此书的精华。其余的部分诸如复数complex，valarray，bitset...

这确是一本让人深以为相见恨晚的C++力作.

尤其是在C++11标准已出之后才阅毕,更是对自己的后知后觉唏嘘不已.
如前有人所建议,如经济拮据,可于网上下载电子版观看.
当然,个人还是认为应该购置一本常做翻阅,厚厚的一砖头,看累了还可以就地做枕休息...
^_^ 当然了,看似近800页的...

曾经写过这本书的读书笔记： http://www.wutianqi.com/?p=2131
最近又拾起来大概翻了一下，因为书太厚，主要看的自己的笔记，辛亏当时做了笔记，大概花了一天，重新温习了下，不然得花个好几天时间。
个人的感觉就是第一遍可以认真读，但也不要太细，毕竟不可能光看，或敲下...

此書全面講述 C++
標準程序庫，除了其中最主要的標準模板庫，還涵蓋涵了如國際化工具、空間配置器等其它方面，是一本經典之作，每一位 C++
程序員都必備此書，可當作全面的參考手冊。此書作者為 C++
標準委員會成員，譯者之一侯捷還是《STL 源碼剖析》的作者。祇可惜，此書原版...

看这本书花了一个星期，对照着VC6版本的STL源码看，从什么都不知道到基本上理解了STL是什么，容器是什么有什么用，算法是干什么的等等~・……
当然，我觉得里面的很多东西使用到的时候再去深究就可以了，比如那100多个算法，看几个基本的算法的源码理解一下就差不多了，其他的...

书籍说明 学习和使用stl标准库不可多得的参考书
适合放在手边，有疑问时进行查找的工具书
很严谨，讲的很好，例子可以直接修改就能用 翻译的水平也比较高 阅读建议
STL方面的工具参考书，编程时常备参考

建议读者去学习这本书的英文版，网上有CHM电子版，英文版也通俗易懂，没有什么生涩的地方。 之所以推荐英文版的原因是本书中文版太贵了

读了将近三个星期，终于把《C++标准程序库自修教程与参考手册》看完了，真是一书好书，作者把C++程序库讲得很透，侯捷老师译得也非常棒，字词的拿捏很考究，读起来感觉很流畅，译著的痕迹很浅。本书无愧为学习C++程序库之首选。

也许总是一天，会有高人出现在我的面前指点我两下，告诉我这是多少重要的一本书啊。还不快去读。但以我的工程经验来看，非C++高手就不必看了。

The C++ Standard Library, 2nd Edition_下载链接1_