



Introduction to the Boost C++ Libraries; Volume I - Foundations

Robert Demming, Daniel J. Duffy

Download now

[Click here](#) if your download doesn't start automatically

Introduction to the Boost C++ Libraries; Volume I - Foundations

Robert Demming, Daniel J. Duffy

Introduction to the Boost C++ Libraries; Volume I - Foundations Robert Demming, Daniel J. Duffy C++ is one of the most important and influential programming languages for application development. It supports the modular, object-oriented and generic programming models and its flexibility has been one of the main reasons why it has been so successful. With the emergence of the Boost Libraries (boost.org) we see that C++ is brought to a new level, namely a set of reusable and modular template libraries that C++ developers can use in their applications.

This book is dedicated to a number of Boost libraries for higher-order functions, data types and data structures, libraries for text and string processing, multi-threading, random number generation and more. We also discuss how Boost and design patterns are used to promote the flexibility of code. Each library is described in a step-by-step manner. Numerous examples are given to show the functionality of each library. The full source code is freely available to purchasers of the book.

Coverage Includes

- Understanding and using 30 major Boost libraries.
- Learn about higher-order functions, data structures, memory management, multi-threading and more.
- Using Boost in new and existing applications.
- Integrating Boost and the Gang-Of-Four design patterns.
- Ready-to-run projects for Visual Studio.
- Appendices and exercises.

Chapters:

1. Modelling Functions
2. Bind
3. Event Notification, Observer Pattern and Signals Library
4. Phoenix
5. Smart Pointers and Serialisation
6. Tuple
7. Any
8. Variant
9. Number Systems
10. String Algorithm
11. Tokenizer
12. Regex
13. An Introduction to Expression Templates and Xpressive
14. MultiArray and Array
15. Random Number Generation
16. Flyweight and Functional/Hash
17. Integrating Legacy Applications with Boost
18. An Introduction to Thread
19. Appendix A: Generic Programming

20. Appendix B: Boost, Design Patterns and Applications

21. Appendix C: Exercises and Projects

 **Download** [Introduction to the Boost C++ Libraries; Volume I ...pdf](#)

 **Read Online** [Introduction to the Boost C++ Libraries; Volume ...pdf](#)

Download and Read Free Online Introduction to the Boost C++ Libraries; Volume I - Foundations **Robert Demming, Daniel J. Duffy**

From reader reviews:

Reva Morison:

The ability that you get from Introduction to the Boost C++ Libraries; Volume I - Foundations is a more deep you excavating the information that hide within the words the more you get interested in reading it. It does not mean that this book is hard to understand but Introduction to the Boost C++ Libraries; Volume I - Foundations giving you buzz feeling of reading. The article writer conveys their point in specific way that can be understood simply by anyone who read it because the author of this book is well-known enough. This kind of book also makes your personal vocabulary increase well. It is therefore easy to understand then can go with you, both in printed or e-book style are available. We propose you for having this particular Introduction to the Boost C++ Libraries; Volume I - Foundations instantly.

Eugene Meunier:

This Introduction to the Boost C++ Libraries; Volume I - Foundations tend to be reliable for you who want to be a successful person, why. The main reason of this Introduction to the Boost C++ Libraries; Volume I - Foundations can be one of many great books you must have is definitely giving you more than just simple reading through food but feed you with information that might be will shock your earlier knowledge. This book is usually handy, you can bring it just about everywhere and whenever your conditions throughout the e-book and printed kinds. Beside that this Introduction to the Boost C++ Libraries; Volume I - Foundations giving you an enormous of experience like rich vocabulary, giving you trial run of critical thinking that we all know it useful in your day action. So , let's have it and enjoy reading.

Carolyn Wilson:

A lot of people always spent their particular free time to vacation or go to the outside with them friends and family or their friend. Do you know? Many a lot of people spent that they free time just watching TV, as well as playing video games all day long. If you would like try to find a new activity this is look different you can read any book. It is really fun for yourself. If you enjoy the book which you read you can spent 24 hours a day to reading a e-book. The book Introduction to the Boost C++ Libraries; Volume I - Foundations it is very good to read. There are a lot of people that recommended this book. We were holding enjoying reading this book. Should you did not have enough space to create this book you can buy the actual e-book. You can m0ore easily to read this book out of your smart phone. The price is not to cover but this book features high quality.

Bessie Scudder:

Playing with family in a park, coming to see the sea world or hanging out with good friends is thing that usually you might have done when you have spare time, subsequently why you don't try matter that really opposite from that. 1 activity that make you not sensation tired but still relaxing, trilling like on roller coaster you are ride on and with addition info. Even you love Introduction to the Boost C++ Libraries; Volume I -

Foundations, you could enjoy both. It is good combination right, you still would like to miss it? What kind of hangout type is it? Oh can occur its mind hangout people. What? Still don't buy it, oh come on its referred to as reading friends.

**Download and Read Online Introduction to the Boost C++
Libraries; Volume I - Foundations Robert Demming, Daniel J.
Duffy #A9I3P7K1OXF**

Read Introduction to the Boost C++ Libraries; Volume I - Foundations by Robert Demming, Daniel J. Duffy for online ebook

Introduction to the Boost C++ Libraries; Volume I - Foundations by Robert Demming, Daniel J. Duffy 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 Introduction to the Boost C++ Libraries; Volume I - Foundations by Robert Demming, Daniel J. Duffy books to read online.

Online Introduction to the Boost C++ Libraries; Volume I - Foundations by Robert Demming, Daniel J. Duffy ebook PDF download

Introduction to the Boost C++ Libraries; Volume I - Foundations by Robert Demming, Daniel J. Duffy Doc

Introduction to the Boost C++ Libraries; Volume I - Foundations by Robert Demming, Daniel J. Duffy Mobipocket

Introduction to the Boost C++ Libraries; Volume I - Foundations by Robert Demming, Daniel J. Duffy EPub