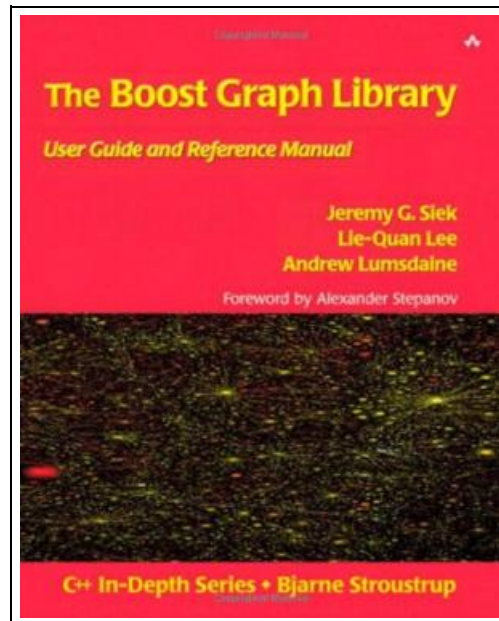


The Boost Graph Library: User Guide and Reference Manual



Filesize: 5.5 MB

Reviews

Very useful for all group of people. It is amongst the most incredible pdf i actually have read through. Its been written in an extremely straightforward way and it is just right after i finished reading through this pdf by which basically modified me, change the way i think.
(Felicia Nikolaus)

THE BOOST GRAPH LIBRARY: USER GUIDE AND REFERENCE MANUAL



To get **The Boost Graph Library: User Guide and Reference Manual** eBook, make sure you access the button beneath and save the file or gain access to other information which are related to THE BOOST GRAPH LIBRARY: USER GUIDE AND REFERENCE MANUAL book.

Addison-Wesley Professional, 2001. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Foreword. Preface. I User Guide. 1. Introduction. Some Graph Terminology. Graph Concepts. Vertex and Edge Descriptors. Property Maps. Graph Traversal. Graph Construction and Modification Algorithm Visitors. Graph Classes and Adaptors. Graph Classes. Graph Adaptors. Generic Graph Algorithms. The Topological Sort Generic Algorithm. The Depth-First Search Generic Algorithm. 2. Generic Programming in C++. Introduction. Polymorphism in Object-Oriented Programming. Polymorphism in Generic Programming. Comparison of GP and OOP. Generic Programming and the STL. Concepts and Models. Sets of Requirements. Example: InputIterator. Associated Types and Traits Classes. Associated Types Needed in Function Template. Typedefs Nested in Classes. Definition of a Traits Class. Partial Specialization. Tag Dispatching. Concept Checking. Concept-Checking Classes. Concept Archetypes. The Boost Namespace. Classes. Koenig Lookup. Named Function Parameters. 3. A BGL Tutorial. File Dependencies. Graph Setup. Compilation Order. Topological Sort via DFS. Marking Vertices Using External Properties. Accessing Adjacent Vertices. Traversing All the Vertices. Cyclic Dependencies. Toward a Generic DFS: Visitors. Graph Setup: Internal Properties. Compilation Time. A Generic Topological Sort and DFS. Parallel Compilation Time. Summary. 4. Basic Graph Algorithms. Breadth-First Search. Definitions. Six Degrees of Kevin Bacon. Depth-First Search. Definitions. Finding Loops in Program-Control-Flow Graphs. 5. Shortest-Paths Problems. Definitions. Internet Routing. Bellman-Ford and Distance Vector Routing. Dijkstra and Link-State Routing. 6. Minimum-Spanning-Tree Problem. Definitions. Telephone Network Planning. Kruskal's Algorithm. Prim's Algorithm. 7. Connected Components. Definitions. Connected Components and Internet Connectivity. Strongly Connected Components and Web Page Links. 8. Maximum Flow. Definitions. Edge Connectivity. 9. Implicit Graphs: A Knight's Tour. Knight's Jumps as a Graph. Backtracking Graph Search. Warnsdorff's Heuristic. 10. Interfacing with Other Graph Libraries. Using BGL Topological Sort with a LEDA Graph. Using BGL Topological Sort with a SGB Graph. Implementing Graph Adaptors. 11. Performance Guidelines. Graph Class Comparisons. The Results...



[Read The Boost Graph Library: User Guide and Reference Manual Online](#)



[Download PDF The Boost Graph Library: User Guide and Reference Manual](#)

Related Kindle Books



[PDF] Grandpa Spanielson's Chicken Pox Stories: Story #1: The Octopus (I Can Read Book 2)

Click the link listed below to read "Grandpa Spanielson's Chicken Pox Stories: Story #1: The Octopus (I Can Read Book 2)" document.

[Read PDF](#)

»



[PDF] Maisy's Christmas Tree

Click the link listed below to read "Maisy's Christmas Tree" document.

[Read PDF](#)

»



[PDF] The Web Collection Revealed, Premium Edition: Adobe Dreamweaver CS6, Flash CS6, and Photoshop CS6 (Stay Current with Adobe Creative Cloud)

Click the link listed below to read "The Web Collection Revealed, Premium Edition: Adobe Dreamweaver CS6, Flash CS6, and Photoshop CS6 (Stay Current with Adobe Creative Cloud)" document.

[Read PDF](#)

»



[PDF] Star Flights Bedtime Spaceship: Journey Through Space While Drifting Off to Sleep

Click the link listed below to read "Star Flights Bedtime Spaceship: Journey Through Space While Drifting Off to Sleep" document.

[Read PDF](#)

»



[PDF] TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)

Click the link listed below to read "TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)" document.

[Read PDF](#)

»



[PDF] Parenting by Temperament: Brief Manual for Teachers, Counselors and Family Therapists

Click the link listed below to read "Parenting by Temperament: Brief Manual for Teachers, Counselors and Family Therapists" document.

[Read PDF](#)

»