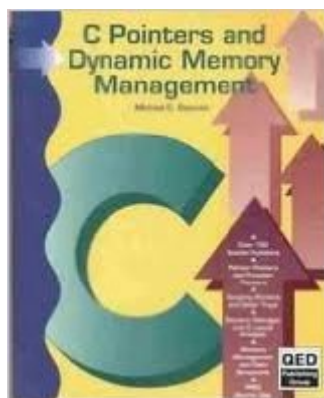


The book was found

C. Pointers And Dynamic Memory Management



Synopsis

Using techniques developed in the classroom at America Online's Programmer's University, Michael Daconta deftly pilots programmers through the intricacies of the two most difficult aspects of C++ programming: pointers and dynamic memory management. Written by a programmer for programmers, this no-nonsense, nuts-and-bolts guide shows you how to fully exploit advanced C++ programming features, such as creating class-specific allocators, understanding references versus pointers, manipulating multidimensional arrays with pointers, and how pointers and dynamic memory are the core of object-oriented constructs like inheritance, name-mangling, and virtual functions. Covers all aspects of pointers including: pointer pointers, function pointers, and even class member pointers Over 350 source code functionsâ "code on every topic OOP constructs dissected and implemented in C Interviews with leading C++ experts Valuable money-saving coupons on developer products Free source code disk Disk includes: Reusable code librariesâ "over 350 source code functions you can use to protect and enhance your applications Memory debugger Read C++ Pointers and Dynamic Memory Management and learn how to combine the elegance of object-oriented programming with the power of pointers and dynamic memory! --This text refers to an out of print or unavailable edition of this title.

Book Information

Paperback: 352 pages

Publisher: QED Information Sciences; 2nd edition (August 15, 1993)

Language: English

ISBN-10: 0894354736

ISBN-13: 978-0894354731

Product Dimensions: 7.4 x 1.1 x 9.1 inches

Shipping Weight: 1.7 pounds

Average Customer Review: 4.2 out of 5 starsÂ Â See all reviewsÂ (19 customer reviews)

Best Sellers Rank: #1,211,910 in Books (See Top 100 in Books) #20 inÂ Books > Computers & Technology > Programming > Algorithms > Memory Management #918 inÂ Books > Computers & Technology > Programming > Languages & Tools > C & C++ #22296 inÂ Books > Science & Math > Mathematics

Customer Reviews

You won't get stuck with this book because it is short, technical, interesting, and well-written. With C, I learned how one small memory bug could cause hours of debugging. Although C is a fast and

powerful language, I think there are too many memory and pointer pitfalls. An obvious example is that if you write one byte beyond the end of an array, the result is unpredictable, so it becomes extremely difficult, and expensive, to debug. With the C compilers of the 80s, the compilers would not often give warnings, e.g. if you used a single equal sign when you intended to check for equality, rather than make an assignment. One simple mistake and your program could bomb. So, if you want to be an excellent C programmer, you'd have to spend hours to read your program and debug it. Worse, when using other people's C libraries, a bug in their code could cause your own program to crash. This happened to me when I added an audio module to my c++ game. The graphics went all wrong, indicating that my world data was being clobbered. Like other programmers, I don't like to take the blame myself, hoping someone else is responsible. But in this case I was right. By substituting in a different audio package, my game worked. Now that we use C++ in preference to C (usually), we find there are many pitfalls with C++ too. The author shows that C++ is not just a high-level language. He shows how the main features of C++ (encapsulation, inheritance, and polymorphism) work, by showing plain C code that gets the same effect. When you understand this, you will be able to see through the "high-level" features of C++ and you'll be able to write more robust C++ code.

[Download to continue reading...](#)

C. Pointers and Dynamic Memory Management
Pastel Pointers: Top 100 Secrets for Beautiful Paintings
Quantum Memory Power: Learn to Improve Your Memory with the World Memory Champion!
The Project Management Memory Jogger (Second Edition) (Memory Jogger Series)
The Microsoft Guide to Managing Memory
With MS-DOS 6: Installing, Configuring, and Optimizing Memory for MS-DOS and Windows Operating Systems
Mosby's Fluids & Electrolytes
Memory NoteCards: Visual, Mnemonic, and Memory Aids for Nurses, 2e
Mosby's Pharmacology
Memory NoteCards: Visual, Mnemonic, and Memory Aids for Nurses, 4e
Mosby's OB/Peds & Women's Health
Memory NoteCards: Visual, Mnemonic, and Memory Aids for Nurses, 1e
Mosby's Assessment
Memory NoteCards: Visual, Mnemonic, and Memory Aids for Nurses, 2e
Mosby's Pathophysiology
Memory NoteCards: Visual, Mnemonic, and Memory Aids for Nurses, 2e
How to Learn & Memorize a Randomized Deck of Playing Cards ... Using a Memory Palace and Image-Association System Specifically Designed for Card Memorization
Mastery (Magnetic Memory Series)
How to Remember Names and Faces: Master the Art of Memorizing Anyone's Name by Practicing w Over 500 Memory Training Exercises of People's Faces | Improve ... (Better Memory Now | Remember Names Book 1)
The Memory Code: The Traditional Aboriginal Memory Technique That Unlocks the Secrets of Stonehenge, Easter Island and Ancient Monuments the World Over

How to Learn and Memorize English Grammar Rules: Using a Memory Palace Network Specifically Designed for the English Language, Magnetic Memory Series
How to Learn and Memorize German Grammar: Using a Memory Palace Network Specifically Designed for German, Magnetic Memory Series
How to Learn and Memorize Latin Vocabulary: Using a Memory Palace Specifically Designed for Classical Latin (Magnetic Memory Series)
How to Learn and Memorize Arabic Vocabulary: Using a Memory Palace Specifically Designed for Arabic (Magnetic Memory Series)
How to Learn and Memorize Italian Vocabulary...: Using a Memory Palace Specifically Designed for the Italian Language (Magnetic Memory Series)
How to Learn & Memorize Legal Terminology: ...Using a Memory Palace Specifically Designed for Memorizing the Law & its Precedents (Magnetic Memory Series)
How To Develop A Super Memory: Easy Techniques to Boost the Power of Your Memory! (Mind Growth Series Book 2)

[Dmca](#)