

An "in-the-trenches" guide for every C/C++ programmer!

C & C++ Code Capsules shares the hard-won wisdom of a highly successful C++/C programmer—along with an extensive collection of ISO-compliant programs that illustrate the true power of C++. Based on Chuck Allison's respected monthly columns for *C/C++ Users Journal*, this book delivers a wide variety of ideas for programmers of all skill levels. Allison presents valuable, little-known techniques for making the most of pointers, the preprocessor, abstraction, templates, bit manipulation, visibility, control structures, and exceptions. He also demonstrates how to take full advantage of the Standard C and Standard C++ libraries—including the components he personally developed!

- **Tried-and-true techniques from the corporate workplace—richly illustrated with working code**
- **Fully conformant to the latest official draft of ISO Standard C++**
- **Exceptionally detailed, practical coverage of pointers**
- **Maximizing productivity with the Standard C and Standard C++ libraries**
- **Better design guidelines, coding standards, idioms, and optimizations**
- **Containers, iterators, algorithms, text/ file processing, time/ date processing, memory management, and more**

C & C++ Code Capsules delivers real solutions for the real day-to-day work you do! Here's practical, specific coverage of topics like these:

- **Implementing object persistence using relational databases**
- **Overriding default memory management—how and when to do it**
- **Handling text processing without complex parsing**
- **Controlling date processing with an intelligent date class you can use right now**

About the Author

CHUCK ALLISON is the owner of Fresh Sources, a consulting and training company specializing in object-oriented development and C++. He has been a C and C++ developer and trainer for more than thirteen years, and has served on the ANSI C++ standards committee since 1991. A consulting editor for the *C/C++ Users Journal*, he also lectures at Software Development on object-oriented software engineering, client/server architecture, and C++.

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Back cover of my first book. I was a contributing member of the ANSI/ISO Standards Committee for the C++ programming language, 1991 – 2006.