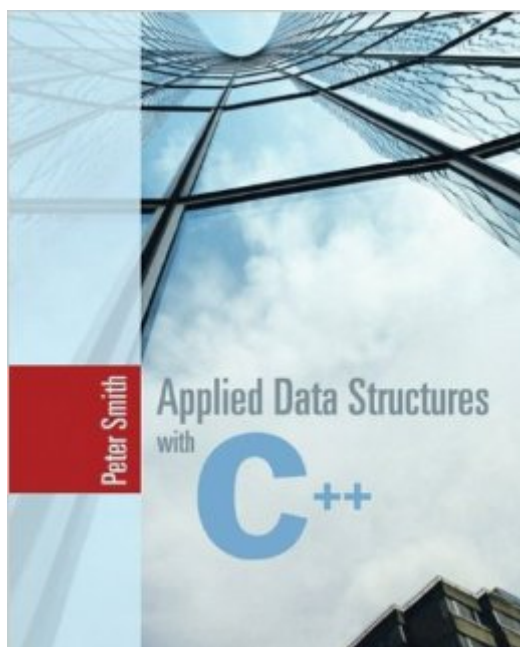


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# Applied Data Structures With C++



## Synopsis

Designed for use in either a one- or two-semester advanced data structures course, *Applied Data Structures with C++* covers all of the fundamental structures and data types and features implementations presented in C++. Using clear explanations and efficient examples, the book presents a comprehensive overview of main memory and file-based structures, with an emphasis on files and persistent structures. Additional coverage of object-oriented design, persistence, recursion, and databases as large-scale file structures supplements the standard approach to fundamental topics. Material can be adapted flexibly according to the focus or length of the course, with suggestions for use in one- and two-semester formats from the author.

## Book Information

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## Customer Reviews

Smith assumes you know the basics of C++. What he presents here is how to implement higher level data structures within the language. These include sets [an unordered group], lists [where an ordering is implied], stacks, queues and trees. Workhorse structures that are used in many areas of programming. The ideas behind each structure are rolled out, and example code is given, to implement the structure. The book appears directed at a new or intermediate C++ programmer. Advanced programmers should already be well versed in these ideas.

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