Username: Pralay Patoria **Book:** The C++ Standard Library: A Tutorial and Reference, Second Edition. No part of any chapter or book may be reproduced or transmitted in any form by any means without the prior written permission for reprints and excerpts from the publisher of the book or chapter. Redistribution or other use that violates the fair use privilege under U.S. copyright laws (see 17 USC107) or that otherwise violates these Terms of Service is strictly prohibited. Violators will be prosecuted to the full extent of U.S. Federal and Massachusetts laws.

Chapter 8. STL Container Members in Detail

This chapter discusses in detail all the operations that STL containers provide. The types and members are grouped by functionality. For each type and operation, this chapter describes the signature, the behavior, and the container types that provide it. Possible containers types are array, vector, deque, list, forward list, set, multiset, map, multimap, unordered set, unordered multiset, unordered map, unordered multimap, and string. In the following sections, *container* means the container type that provides the member.