STL

C++'s Standard Containers Library

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Today's Plan

- Introduce the STL
- Understand cppreference.com
- Review common containers
- Review common algorithms
- A few miscellaneous bits

Brief History

- 1979 C++ Invented
- 1992 STL Created
- 1998 First Standardization

The STL

Standard Template Library

- Containers
- Iterators
- Algorithms
- Function Objects

The STL

 $\mathsf{Algorithms} \to \mathsf{Iterators} \to \mathsf{Containers}$

Containers