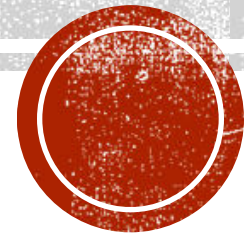


# **WIKIPEDIA EDIT:- C++ STANDARD TEMPLATE LIBRARY**

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**GROUP 7**



# ACKNOWLEDGEMENT

We thank Prof. Amitabha Mukherjee and Prof. Nitin Saxena for giving us an opportunity for contribute to Wikipedia.

We would also like to thank our team members for giving valuable inputs regarding the edits needed.



# WHAT IS STL ?

- The Standard Template Library, or *STL*, is a C++ library of container classes, algorithms, and iterators; it provides many of the basic algorithms and data structures of computer science.



# COMMON ERRORS IN WIKIPEDIA ARTICLES

- Poorly structured lead sections.
- Inconsistently styled text
- Articles might not have been updated for long time
- Articles may not have a good finish
- No good references are provided
- Self referencing



## OTHER ERRORS

- Grammatical errors
- Inconsistent information
- Opinion based articles
- References not provided



## ISSUES WITH THE ORIGINAL ARTICLE

- Is quite informative but needs a bit of polishing.
- Not updated with the recent versions.
- Information about some containers was not upto the mark.
- Section on 'Algorithms' was very small.



## EDITS MADE

- Added the containers that are used for a hash implementation `<hash_set>` and `<hash_map>`.
- Information added about `priority_queue` implementation and about singly linked list implementation (`slist`).



## EDITS MADE

- Major portion of the edit is made in the section “Algorithms”. Original article simply stated that one can perform searching and sorting operations. Information about the type of operations performed and the algorithms they use was added. Various other types of operations like `random_shuffle`, `next_permutation` and other set operations. These examples were added.
- External link for C++ reference was added.





**THANK YOU !**

