

C++ STANDARD TEMPLATE LIBRARY CONTAINERS

| | | Sequence | | | | Adaptor | | Associative | | | | |
|----------------|-------------|----------------------------------------------------------------------|---------|---------------------------------------------------------------------|---------------------|---------|---------|----------------|-------|----------|-------|----------|
| header | | <bitset> | <deque> | <list> | <vector> | <stack> | <queue> | | <set> | | <map> | |
| class | | bitset | deque | list | vector | stack | queue | priority_queue | set | multiset | map | multimap |
| members | | | | | | | | | | | | |
| | constructor | • | • | • | • | • | • | • | • | • | • | • |
| | destructor | | • | • | • | | | | • | • | • | • |
| | operator = | | • | • | • | | | | • | • | • | • |
| iterators | begin | | • | • | • | | | | • | • | • | • |
| | end | | • | • | • | | | | • | • | • | • |
| | rbegin | | • | • | • | | | | • | • | • | • |
| | rend | | • | • | • | | | | • | • | • | • |
| capacity | size | • | • | • | • | • | • | • | • | • | • | • |
| | max_size | | • | • | • | | | | • | • | • | • |
| | empty | | • | • | • | • | • | • | • | • | • | • |
| | resize | | • | • | • | | | | | | | |
| element access | front | | • | • | • | | • | | | | | |
| | back | | • | • | • | | • | | | | | |
| | operator [] | • | • | | • | | | | | | • | |
| | at | | • | | • | | | | | | | |
| | top | | | | | • | | • | | | | |
| modifiers | assign | | • | • | • | | | | | | | |
| | insert | | • | • | • | | | | • | • | • | • |
| | erase | | • | • | • | | | | • | • | • | • |
| | swap | | • | • | • | | | | • | • | • | • |
| | clear | | • | • | • | | | | • | • | • | • |
| | push_front | | • | • | | | | | | | | |
| | pop_front | | • | • | | | | | | | | |
| | push_back | | • | • | • | | | | | | | |
| | pop_back | | • | • | • | | | | | | | |
| | push | | | | | • | • | • | | | | |
| | pop | | | | | • | • | • | | | | |
| observers | key_comp | | | | | | | | • | • | • | • |
| | value_comp | | | | | | | | • | • | • | • |
| operations | find | | | | | | | | • | • | • | • |
| | count | • | | | | | | | • | • | • | • |
| | lower_bound | | | | | | | | • | • | • | • |
| | upper_bound | | | | | | | | • | • | • | • |
| | equal_range | | | | | | | | • | • | • | • |
| unique members | | set reset flip to_ulong to_string test any none | | splice remove remove_if unique merge sort reverse | capacity reserve | | | | | | | |