

Brief summary of STL libraries

Library	Class templates	Function templates
<utility>	pair	swap
<array>	array	
<vector>	vector	
<deque>	deque	
<list>	list	
<forward_list>	forward_list	
<set>	set, multiset	
<map>	map, multimap	
<stack>	stack	
<queue>	queue, priority_queue	
<algorithm>		for_each, find, count, copy, replace, remove, reverse, rotate, sort, stable_sort, partition, merge, search, binary_search, max, min
<numeric>		accumulate, inner_product, partial_sum
<functional>	plus, minus, multiplies, divides, modulus, equal_to, greater, less, logical_not, logical_and, logical_or	
<iterator>	iterator, reverse_iterator, istream_iterator, ostream_iterator, back_insert_iterator, front_insert_iterator	begin, end, prev, next

Brief summary of STL container operations

	array	vector	deque	list	forward_list
begin, end	✓	✓	✓	✓	✓
rbegin, rend	✓	✓	✓	✓	
size	✓	✓	✓	✓	
resize		✓	✓	✓	✓
front	✓	✓	✓	✓	✓
back	✓	✓	✓	✓	
at, []	✓	✓	✓		
insert		✓	✓	✓	
Insert_after					✓
erase		✓	✓	✓	
erase_after					✓
push_back		✓	✓	✓	
pop_back		✓	✓	✓	
push_front			✓	✓	✓
pop_front			✓	✓	✓
remove				✓	✓
reverse				✓	✓