

Member map

This is a comparison chart with the different member functions present on each of the different containers:

Legend:	
C++98	Available since C++98
C++11	New in C++11

Headers		<array>	<vector>	<deque>
Members		array	vector	deque
	constructor	implicit	vector	deque
	destructor	implicit	~vector	~deque
	operator=	implicit	operator=	operator=
iterators	begin	begin	begin	begin
	end	end	end	end
	rbegin	rbegin	rbegin	rbegin
	rend	rend	rend	rend
const iterators	cbegin	cbegin	cbegin	cbegin
	cend	cend	cend	cend
	crbegin	crbegin	crbegin	crbegin
	crend	crend	crend	crend
capacity	size	size	size	size
	max_size	max_size	max_size	max_size
	empty	empty	empty	empty
	resize		resize	resize
	shrink_to_fit		shrink_to_fit	shrink_to_fit
	capacity		capacity	
	reserve		reserve	
element access	front	front	front	front
	back	back	back	back
	operator[]	operator[]	operator[]	operator[]
	at	at	at	at
modifiers	assign		assign	assign
	emplace		emplace	emplace
	insert		insert	insert
	erase		erase	erase
	emplace_back		emplace_back	emplace_back
	push_back		push_back	push_back
	pop_back		pop_back	pop_back
	emplace_front			emplace_front
	push_front			push_front
	pop_front			pop_front
	clear		clear	clear
	swap	swap	swap	swap
	splice			
	remove			

list operations	remove_if			
	unique			
	merge			
	sort			
	reverse			
observers	get_allocator		get_allocator	get_allocator
	data	data	data	

Headers		<set>		<map>
Members		set	multiset	map
	<i>constructor</i>	set	multiset	map
	<i>destructor</i>	~set	~multiset	~map
	<i>assignment</i>	operator=	operator=	operator=
iterators	begin	begin	begin	begin
	end	end	end	end
	rbegin	rbegin	rbegin	rbegin
	rend	rend	rend	rend
const iterators	cbegin	cbegin	cbegin	cbegin
	cend	cend	cend	cend
	crbegin	crbegin	crbegin	crbegin
	crend	crend	crend	crend
capacity	size	size	size	size
	max_size	max_size	max_size	max_size
	empty	empty	empty	empty
	reserve			
element access	at			at
	operator[]			operator[]
modifiers	emplace	emplace	emplace	emplace
	emplace_hint	emplace_hint	emplace_hint	emplace_hint
	insert	insert	insert	insert
	erase	erase	erase	erase
	clear	clear	clear	clear
	swap	swap	swap	swap
operations	count	count	count	count
	find	find	find	find
	equal_range	equal_range	equal_range	equal_range
	lower_bound	lower_bound	lower_bound	lower_bound
	upper_bound	upper_bound	upper_bound	upper_bound
observers	get_allocator	get_allocator	get_allocator	get_allocator
	key_comp	key_comp	key_comp	key_comp
	value_comp	value_comp	value_comp	value_comp
	key_eq			
	hash_function			
buckets	bucket			
	bucket_count			
	bucket_size			

	max_bucket_count			
hash policy	rehash			
	load_factor			
	max_load_factor			

<forward_list>	<list>
forward_list	list
forward_list	list
~forward_list	~list
operator=	operator=
begin	begin
before_begin	
end	
	rbegin
	rend
cbegin	cbegin
cbefore_begin	
cend	cend
	crbegin
	crend
	size
max_size	max_size
empty	empty
resize	resize
front	front
	back
assign	assign
emplace_after	emplace
insert_after	insert
erase_after	erase
	emplace_back
	push_back
	pop_back
emplace_front	emplace_front
push_front	push_front
pop_front	pop_front
clear	clear
swap	swap
splice_after	splice
remove	remove

remove_if	remove_if
unique	unique
merge	merge
sort	sort
reverse	reverse
get_allocator	get_allocator

ap>	<unordered_set>		<unordered_map>	
multimap	unordered_set	unordered_multiset	unordered_map	unordered_multimap
multimap	unordered_set	unordered_multiset	unordered_map	unordered_multimap
~multimap	~unordered_set	~unordered_multiset	~unordered_map	~unordered_multimap
operator=	operator=	operator=	operator=	operator=
begin	begin	begin	begin	begin
end	end	end	end	end
rbegin				
rend				
cbegin	cbegin	cbegin	cbegin	cbegin
cend	cend	cend	cend	cend
crbegin				
crend				
size	size	size	size	size
max_size	max_size	max_size	max_size	max_size
empty	empty	empty	empty	empty
	reserve	reserve	reserve	reserve
			at	
			operator[]	
emplace	emplace	emplace	emplace	emplace
emplace_hint	emplace_hint	emplace_hint	emplace_hint	emplace_hint
insert	insert	insert	insert	insert
erase	erase	erase	erase	erase
clear	clear	clear	clear	clear
swap	swap	swap	swap	swap
count	count	count	count	count
find	find	find	find	find
equal_range	equal_range	equal_range	equal_range	equal_range
lower_bound				
upper_bound				
get_allocator	get_allocator	get_allocator	get_allocator	get_allocator
key_comp				
value_comp				
	key_eq	key_eq	key_eq	key_eq
	hash_function	hash_function	hash_function	hash_function
	bucket	bucket	bucket	bucket
	bucket_count	bucket_count	bucket_count	bucket_count
	bucket_size	bucket_size	bucket_size	bucket_size

	max_bucket_count	max_bucket_count	max_bucket_count	max_bucket_count
	rehash	rehash	rehash	rehash
	load_factor	load_factor	load_factor	load_factor
	max_load_factor	max_load_factor	max_load_factor	max_load_factor