**Iterators**:

[**begin**](http://www.cplusplus.com/reference/list/list/begin/)

Return iterator to beginning (public member function )

[**end**](http://www.cplusplus.com/reference/list/list/end/)

Return iterator to end (public member function )

[**rbegin**](http://www.cplusplus.com/reference/list/list/rbegin/)

Return reverse iterator to reverse beginning (public member function )

[**rend**](http://www.cplusplus.com/reference/list/list/rend/)

Return reverse iterator to reverse end (public member function )

[**cbegin**](http://www.cplusplus.com/reference/list/list/cbegin/)

Return const\_iterator to beginning (public member function )

[**cend**](http://www.cplusplus.com/reference/list/list/cend/)

Return const\_iterator to end (public member function )

[**crbegin**](http://www.cplusplus.com/reference/list/list/crbegin/)

Return const\_reverse\_iterator to reverse beginning (public member function )

[**crend**](http://www.cplusplus.com/reference/list/list/crend/)

Return const\_reverse\_iterator to reverse end (public member function )

**Capacity**:

[**empty**](http://www.cplusplus.com/reference/list/list/empty/)

Test whether container is empty (public member function )

[**size**](http://www.cplusplus.com/reference/list/list/size/)

Return size (public member function )

[**max\_size**](http://www.cplusplus.com/reference/list/list/max_size/)

Return maximum size (public member function )

**Element access**:

[**front**](http://www.cplusplus.com/reference/list/list/front/)

Access first element (public member function )

[**back**](http://www.cplusplus.com/reference/list/list/back/)

Access last element (public member function )

**Modifiers**:

[**assign**](http://www.cplusplus.com/reference/list/list/assign/)

Assign new content to container (public member function )

[**emplace\_front**](http://www.cplusplus.com/reference/list/list/emplace_front/)

Construct and insert element at beginning (public member function )

[**push\_front**](http://www.cplusplus.com/reference/list/list/push_front/)

Insert element at beginning (public member function )

[**pop\_front**](http://www.cplusplus.com/reference/list/list/pop_front/)

Delete first element (public member function )

[**emplace\_back**](http://www.cplusplus.com/reference/list/list/emplace_back/)

Construct and insert element at the end (public member function )

[**push\_back**](http://www.cplusplus.com/reference/list/list/push_back/)

Add element at the end (public member function )

[**pop\_back**](http://www.cplusplus.com/reference/list/list/pop_back/)

Delete last element (public member function )

[**emplace**](http://www.cplusplus.com/reference/list/list/emplace/)

Construct and insert element (public member function )

[**insert**](http://www.cplusplus.com/reference/list/list/insert/)

Insert elements (public member function )

[**erase**](http://www.cplusplus.com/reference/list/list/erase/)

Erase elements (public member function )

[**swap**](http://www.cplusplus.com/reference/list/list/swap/)

Swap content (public member function )

[**resize**](http://www.cplusplus.com/reference/list/list/resize/)

Change size (public member function )

[**clear**](http://www.cplusplus.com/reference/list/list/clear/)

Clear content (public member function )

**Operations**:

[**splice**](http://www.cplusplus.com/reference/list/list/splice/)

Transfer elements from list to list (public member function )

[**remove**](http://www.cplusplus.com/reference/list/list/remove/)

Remove elements with specific value (public member function )

[**remove\_if**](http://www.cplusplus.com/reference/list/list/remove_if/)

Remove elements fulfilling condition (public member function template )

[**unique**](http://www.cplusplus.com/reference/list/list/unique/)

Remove duplicate values (public member function )

[**merge**](http://www.cplusplus.com/reference/list/list/merge/)

Merge sorted lists (public member function )

[**sort**](http://www.cplusplus.com/reference/list/list/sort/)

Sort elements in container (public member function )

[**reverse**](http://www.cplusplus.com/reference/list/list/reverse/)

Reverse the order of elements (public member function )

**Observers**:

[**get\_allocator**](http://www.cplusplus.com/reference/list/list/get_allocator/)

Get allocator (public member function )

**Non-member function overloads**

[**relational operators (list)**](http://www.cplusplus.com/reference/list/list/operators/)

Relational operators for list (function )

[**swap (list)**](http://www.cplusplus.com/reference/list/list/swap-free/)

Exchanges the contents of two lists (function template )