**[allocator\_type](mk:@MSITStore:C:\\Program%20Files%20(x86)\\Microsoft%20Visual%20Studio\\MSDN98\\98VS\\2052\\vclang.chm::/html/LIST_listCCallocator_type.htm" \l "list::allocator_type) ·** [**assign**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCassign.htm#list::assign) **·** [**back**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCback.htm#list::back) **·** [**begin**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCbegin.htm#list::begin) **·** [**clear**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCclear.htm#list::clear) **·** [**const\_iterator**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCconst_iterator.htm#list::const_iterator) **·** [**const\_reference**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCconst_reference.htm#list::const_reference) **·** [**const\_reverse\_iterator**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCconst_reverse_iterator.htm#list::const_reverse_iterator) **·** [**difference\_type**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCdifference_type.htm#list::difference_type) **·** [**empty**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCempty.htm#list::empty) **·** [**end**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCend.htm#list::end) **·** [**erase**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCerase.htm#list::erase) **·** [**front**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCfront.htm#list::front) **·** [**get\_allocator**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCget_allocator.htm#list::get_allocator) **·** [**insert**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCinsert.htm#list::insert) **·** [**iterator**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCiterator.htm#list::iterator) **·** [**list**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCClist.htm#list::list) **·** [**max\_size**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCmax_size.htm#list::max_size) **·** [**merge**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCmerge.htm#list::merge) **·** [**pop\_back**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCpop_back.htm#list::pop_back) **·** [**pop\_front**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCpop_front.htm#list::pop_front) **·** [**push\_back**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCpush_back.htm#list::push_back) **·** [**push\_front**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCpush_front.htm#list::push_front) **·** [**rbegin**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCrbegin.htm#list::rbegin) **·** [**reference**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCreference.htm#list::reference) **·** [**remove**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCremove.htm#list::remove) **·** [**remove\_if**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCremove_if.htm#list::remove_if) **·** [**rend**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCrend.htm#list::rend) **·** [**resize**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCresize.htm#list::resize) **·** [**reverse**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCreverse.htm#list::reverse) **·** [**reverse\_iterator**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCreverse_iterator.htm#list::reverse_iterator) **·** [**size**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCsize.htm#list::size) **·** [**size\_type**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCsize_type.htm#list::size_type) **·** [**sort**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCsort.htm#list::sort) **·** [**splice**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCsplice.htm#list::splice) **·** [**swap**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCswap.htm#list::swap) **·** [**unique**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCunique.htm#list::unique) **·** [**value\_type**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCvalue_type.htm#list::value_type)

template<class T, class A = allocator<T> >

class **list** {

public:

typedef A [**allocator\_type**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCallocator_type.htm#list::allocator_type);

typedef A::size\_type [**size\_type**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCsize_type.htm#list::size_type);

typedef A::difference\_type [**difference\_type**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCdifference_type.htm#list::difference_type);

typedef A::reference [**reference**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCreference.htm#list::reference);

typedef A::const\_reference [**const\_reference**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCconst_reference.htm#list::const_reference);

typedef A::value\_type [**value\_type**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCvalue_type.htm#list::value_type);

typedef T0 [**iterator**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCiterator.htm#list::iterator);

typedef T1 [**const\_iterator**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCconst_iterator.htm#list::const_iterator);

typedef reverse\_bidirectional\_iterator<iterator,

value\_type, reference, A::pointer,

difference\_type> [**reverse\_iterator**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCreverse_iterator.htm#list::reverse_iterator);

typedef reverse\_bidirectional\_iterator<const\_iterator,

value\_type, const\_reference, A::const\_pointer,

difference\_type> [**const\_reverse\_iterator**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCconst_reverse_iterator.htm#list::const_reverse_iterator);

explicit [**list**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCClist.htm#list::list)(const A& al = A());

explicit [**list**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCClist.htm#list::list)(size\_type n, const T& v = T(), const A& al = A());

[**list**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCClist.htm#list::list)(const list& x);

[**list**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCClist.htm#list::list)(const\_iterator first, const\_iterator last,

const A& al = A());

iterator [**begin**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCbegin.htm#list::begin)();

const\_iterator [**begin**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCbegin.htm#list::begin)() const;

iterator [**end**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCend.htm#list::end)();

iterator [**end**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCend.htm#list::end)() const;

reverse\_iterator [**rbegin**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCrbegin.htm#list::rbegin)();

const\_reverse\_iterator [**rbegin**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCrbegin.htm#list::rbegin)() const;

reverse\_iterator [**rend**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCrend.htm#list::rend)();

const\_reverse\_iterator [**rend**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCrend.htm#list::rend)() const;

void [**resize**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCresize.htm#list::resize)(size\_type n, T x = T());

size\_type [**size**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCsize.htm#list::size)() const;

size\_type [**max\_size**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCmax_size.htm#list::max_size)() const;

bool [**empty**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCempty.htm#list::empty)() const;

A [**get\_allocator**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCget_allocator.htm#list::get_allocator)() const;

reference [**front**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCfront.htm#list::front)();

const\_reference [**front**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCfront.htm#list::front)() const;

reference [**back**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCback.htm#list::back)();

const\_reference [**back**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCback.htm#list::back)() const;

void [**push\_front**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCpush_front.htm#list::push_front)(const T& x);

void [**pop\_front**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCpop_front.htm#list::pop_front)();

void [**push\_back**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCpush_back.htm#list::push_back)(const T& x);

void [**pop\_back**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCpop_back.htm#list::pop_back)();

void [**assign**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCassign.htm#list::assign)(const\_iterator first, const\_iterator last);

void [**assign**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCassign.htm#list::assign)(size\_type n, const T& x = T());

iterator [**insert**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCinsert.htm#list::insert)(iterator it, const T& x = T());

void [**insert**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCinsert.htm#list::insert)(iterator it, size\_type n, const T& x);

void [**insert**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCinsert.htm#list::insert)(iterator it,

const\_iterator first, const\_iterator last);

void [**insert**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCinsert.htm#list::insert)(iterator it,

const T \*first, const T \*last);

iterator [**erase**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCerase.htm#list::erase)(iterator it);

iterator [**erase**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCerase.htm#list::erase)(iterator first, iterator last);

void [**clear**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCclear.htm#list::clear)();

void [**swap**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCswap.htm#list::swap)(list x);

void [**splice**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCsplice.htm#list::splice)(iterator it, list& x);

void [**splice**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCsplice.htm#list::splice)(iterator it, list& x, iterator first);

void [**splice**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCsplice.htm#list::splice)(iterator it, list& x, iterator first, iterator last);

void [**remove**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCremove.htm#list::remove)(const T& x);

void [**remove\_if**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCremove_if.htm#list::remove_if)(binder2nd<not\_equal\_to<T> > pr);

void [**unique**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCunique.htm#list::unique)();

void [**unique**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCunique.htm#list::unique)(not\_equal\_to<T> pr);

void [**merge**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCmerge.htm#list::merge)(list& x);

void [**merge**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCmerge.htm#list::merge)(list& x, greater<T> pr);

void [**sort**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCsort.htm#list::sort)();

template<class Pred>

void [**sort**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCsort.htm#list::sort)(greater<T> pr);

void [**reverse**](mk:@MSITStore:C:\Program%20Files%20(x86)\Microsoft%20Visual%20Studio\MSDN98\98VS\2052\vclang.chm::/html/LIST_listCCreverse.htm#list::reverse)();

protected:

A allocator;

};