Subject: Equivalent in U++ to STL list container
Posted by 281264 on Sun, 21 Jul 2013 20:23:43 GMT

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I would like to know if there is something in NTL (or in U++) equivalent to C++ standard STL list container (the doubly linked list container).

Thx,

Javier

Subject: Re: Equivalent in U++ to STL list container
Posted by Sender Ghost on Mon, 22 Jul 2013 04:08:35 GMT

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Hello, Javier.

281264 wrote on Sun, 21 July 2013 22:23I would like to know if there is something in NTL (or in U++) equivalent to C++ standard STL list container (the doubly linked list container).

I think, the BiVector (BiArray) has almost similar characteristics, based on available methods:

list::begin <-> BiVector::Begin
list::end <-> BiVector::End
list::front <-> BiVector::Head
list::back <-> BiVector::Tail
list::pop_front <-> BiVector::DropHead
list::pop_back <-> BiVector::DropTail
list::push_front <-> BiVector::AddHead
list::push_back <-> BiVector::AddTail
list::empty <-> BiVector::IsEmpty
list::size <-> BiVector::GetCount
list::clear <-> BiVector::Clear
etc.

Subject: Re: Equivalent in U++ to STL list container
Posted by mirek on Mon, 22 Jul 2013 20:13:29 GMT

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281264 wrote on Sun, 21 July 2013 16:23I would like to know if there is something in NTL (or in U++) equivalent to C++ standard STL list container (the doubly linked list container).

Thx,

Javier

No. list, as container, is totally useless...

There is Link helper class for double-linked lists, but that cannot be considered a container.

If you are about fast insertion/removal times, use InVector.

Mirek

Subject: Re: Equivalent in U++ to STL list container
Posted by Novo on Tue, 23 Jul 2013 18:03:02 GMT
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281264 wrote on Sun, 21 July 2013 16:23I would like to know if there is something in NTL (or in U++) equivalent to C++ standard STL list container (the doubly linked list container).

Thx,

Javier

If you still need double or single linked list I can put into bazaar my version of intrusive list with sentinel.

Subject: Re: Equivalent in U++ to STL list container
Posted by 281264 on Sun, 28 Jul 2013 19:36:36 GMT
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Novo,

If eventually I need it, I shall let you know.

Many thanks,

Javier

Subject: Re: Equivalent in U++ to STL list container
Posted by 281264 on Thu, 22 Aug 2013 16:36:17 GMT
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Quote:If you still need double or single linked list I can put into bazaar my version of intrusive list with sentinel.

Hi Novo,

Could you please upload your version of double linked list into Bazaar?

Thx,

Javier

Subject: Re: Equivalent in U++ to STL list container
Posted by Novo on Fri, 23 Aug 2013 03:52:46 GMT

281264 wrote on Thu, 22 August 2013 12:36Quote:If you still need double or single linked list I can put into bazaar my version of intrusive list with sentinel.

Hi Novo,

Could you please upload your version of double linked list into Bazaar?

Thx,

Javier

It is in bazaar\ADT\List.h

Please let me know if something is wrong with it.