
Subject: Re: Question about SubRange.

Posted by [mirek](#) on Mon, 08 Jan 2018 15:21:04 GMT

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Novo wrote on Mon, 08 January 2018 15:55mirek wrote on Mon, 08 January 2018 05:52
Not true (not in U++ nor STL). That is basically a reason for those 2 overloads. E.g. try Sort with just const variant...

The "C& c" variant is definitely not needed. The "C&& c" variant is an universal reference and it is a complete replacement of the "C& c" variant. I tried to compile TheIDE with "C& c" commented out and it compiles just fine.

theide is not a good representative, as there probably is not a single use of subrange.

It is quite possible that C& is not needed, but I think I had some issues with at least some compilers with that approach. But it would really be a great if I could remove them...

Quote:

And I'm still a little bit confused about what is IterSwap for. What is wrong with the regular Swap?

When sorting Array, you can swap just pointers instead of objects - it is optimization.

Mirek
