
Subject: Re: U++ 2019.1.rc5 released
Posted by [warchef](#) on Tue, 30 Apr 2019 09:35:20 GMT
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Hi,

I've tried the latest version (13065, HomeBudget example, Windows 10x64 1809), and get the following error message with MSVS19, MSVS19x64:

```
C:\upp\uppsrc\Core\Sort.h (118): error C2512:
'std::less<std::remove_reference<Upp::Rasterizer::Cell &>::type>': no appropriate default
constructor available
C:\upp\uppsrc\Core\Sort.h (118): error C2672: 'Sort__': no matching overloaded function found
C:\upp\uppsrc\Core\Sort.h (118): error C2780: 'void Upp::Sort__(I,I,const Less &)': expects 3
arguments - 2 provided
C:\upp\uppsrc\Core\Sort.h (118): error C2512: 'std::less<std::remove_reference<T &>::type>': no
appropriate default constructor available
C:\upp\uppsrc\Core\Sort.h (118): error C2672: 'Sort__': no matching overloaded function found
C:\upp\uppsrc\Core\Sort.h (118): error C2780: 'void Upp::Sort__(I,I,const Less &)': expects 3
arguments - 2 provided
C:\upp\uppsrc\Core\Algo.h (106): error C2512: 'std::greater<std::remove_reference<T &>::type>':
no appropriate default constructor available
C:\upp\uppsrc\Core\Algo.h (106): error C2672: 'FindBest': no matching overloaded function found
C:\upp\uppsrc\Core\Algo.h (106): error C2780: 'int Upp::FindBest(const Range &,const Pred &)':
expects 2 arguments - 1 provided
C:\upp\uppsrc\Core\Sort.h (118): error C2512: 'std::less<std::remove_reference<T &>::type>': no
appropriate default constructor available
C:\upp\uppsrc\Core\Sort.h (118): error C2672: 'Upp::Sort__': no matching overloaded function
found
C:\upp\uppsrc\Core\Sort.h (118): error C2780: 'void Upp::Sort__(I,I,const Less &)': expects 3
arguments - 2 provided
C:\upp\uppsrc\Core\Sort.h (118): error C2512: 'std::less<std::remove_reference<T &>::type>': no
appropriate default constructor available
C:\upp\uppsrc\Core\Sort.h (118): error C2672: 'Upp::Sort__': no matching overloaded function
found
C:\upp\uppsrc\Core\Sort.h (118): error C2780: 'void Upp::Sort__(I,I,const Less &)': expects 3
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appropriate default constructor available
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appropriate default constructor available
C:\upp\uppsrc\Core\Sort.h (118): error C2672: 'Upp::Sort__': no matching overloaded function
found
C:\upp\uppsrc\Core\Sort.h (118): error C2780: 'void Upp::Sort__(I,I,const Less &)': expects 3
```

arguments - 2 provided

C:\upp\uppsrc\Core\Sort.h (216): error C2440: '<function-style-cast>': cannot convert from 'initializer list' to 'Upp::IndexSortIterator__<I,I2,VT>'

C:\upp\uppsrc\Core\Sort.h (217): error C2440: '<function-style-cast>': cannot convert from 'initializer list' to 'Upp::IndexSortIterator__<I,I2,VT>'

C:\upp\uppsrc\Core\Sort.h (216): error C2672: 'Sort__': no matching overloaded function found

C:\upp\uppsrc\Core\Sort.h (218): error C2780: 'void Upp::Sort__(I,I,const Less &)': expects 3 arguments - 2 provided

C:\upp\uppsrc\Core\Sort.h (175): error C2440: '<function-style-cast>': cannot convert from 'initializer list' to 'Upp::StableSortIterator__<I,VT>'

C:\upp\uppsrc\Core\Sort.h (176): error C2440: '<function-style-cast>': cannot convert from 'const Less' to 'Upp::StableSortLess__<VT,Less>'

C:\upp\uppsrc\Core\Sort.h (175): error C2672: 'Upp::Sort__': no matching overloaded function found

C:\upp\uppsrc\Core\Sort.h (176): error C2780: 'void Upp::Sort__(I,I,const Less &)': expects 3 arguments - 1 provided

C:\upp\uppsrc\Core\Sort.h (224): error C2512: 'std::less<std::remove_reference<T &>::type>': no appropriate default constructor available

C:\upp\uppsrc\Core\Sort.h (118): error C2512: 'std::less<std::remove_reference<T &>::type>': no appropriate default constructor available

C:\upp\uppsrc\Core\Sort.h (118): error C2672: 'Upp::Sort__': no matching overloaded function found

C:\upp\uppsrc\Core\Sort.h (118): error C2780: 'void Upp::Sort__(I,I,const Less &)': expects 3 arguments - 2 provided

But with MSVS17, everything is fine.

Anyway, they did a great job, thanks guys, every pro!

Sincerely,
Marton
