
Subject: Re: U++ 2019.1.rc1 released
Posted by [mirek](#) on Sat, 13 Apr 2019 10:58:14 GMT
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MichaelK wrote on Fri, 12 April 2019 20:53:19.20.27508.1 (from the latest VS 16.0.1, please notice the update) just cannot compile it and g++ cannot compile it as the shared library. Static FnGraph example is about 100 MB in size for Debug build and this is extremely inconvenient in practical work (link time is too big that is why I would prefer shared build).

OK, I am adding support for VS/BuildTools2019.

Interestingly, it looks like there is a new bug with MSC. This compiles in VC2017 and current CLANG and GCC:

```
template <class Range>
using value_type_of = typename std::remove_reference<decltype(*((typename
std::remove_reference<Range>::type *)0)->begin()))>::type;

void foo()
{
    std::less<value_type_of<std::set<int>>>> z;
}
```

but fails with strange error with MSC19. I have found a nasty workaround, so .rc2 (probably due tomorrow) will come with VC2019 support.

That said, I believe above is somewhat ugly but valid code. If not, please tell me :)

Mirek
