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Subject: Re: 2022(?).2 beta

Posted by [Klugier](#) on Sun, 18 Dec 2022 14:41:51 GMT

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Hello Lance,

Quick question, what about replacing [=] with [this]. Does it produce warning with C++20? It compiles fine with C++14 and I think in most cases we can replace it. We are using [=] to capture local variables very really, however this can be overcome by explicit argument capture.

The solution with CAPTURETHISBYVALUE is ugly and very impractical especially for U++ maintainers :)

I agree that we should be compatible with C++20 as much as we can. On the other hand, I also think it is a good moment to change default standard from c++14 to c++17. c++14 is 8/9 years old standard and on most of currently supported system compilers with c++17 support are present. For example I like `auto [x, error] = GetTuple()` that can not be used in c++14 word. Very useful feature when you want to back-propagate error without using exceptions. I remember, we discussed this transition some time ago, but maybe it is good to discuss it one more time :)

Klugier

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