
Subject: Re: 2022(?).2 beta

Posted by [Lance](#) on Sun, 18 Dec 2022 19:08:24 GMT

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mirek wrote on Sun, 18 December 2022 13:55Lance wrote on Sun, 18 December 2022 14:48

```
#if __cplusplus > 201703L
#   define CAPTURETHISBYVALUE ,this
#else
#   define CAPTURETHISBYVALUE
#endif
```

It does not feel nicer than disabling the warning...

Mirek

Hi Mirek:

It doesn't. But this technique is widely used in standard library implementations. It's a necessary evil (if not in this particular situation where you can opt to turn off warnings).

For example, many `std::vector` member functions are now `constexpr` modified, what's a better way to provide cross-c++-standard support in this situation? I am not sure if there is one, but the one in practice is a `MACRO` that will vanish in a lower language/library standard.

BTW, there is no guarantee it will not be promoted to an error in some later days when U++ probably is in c++17. So chance is the problem is merely deferred instead of being solved by disabling warnings on it.

BR,
Lance
