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Subject: Re: 2024rc1

Posted by [mirek](#) on Mon, 21 Oct 2024 11:21:50 GMT

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Lance wrote on Mon, 21 October 2024 13:01I take back the hint about code size and efficiency difference. But personally I would use `if constexpr ()` in this and similar cases.

Quote:

For optimization purposes, modern compilers will generally treat non-`constexpr` if-statements that have `constexpr` conditionals as if they were `constexpr`-if-statements. However, they are not required to do so.

A compiler that encounters a non-`constexpr` if-statement with a `constexpr` conditional may issue a warning advising you to use `if constexpr` instead. This will ensure that compile-time evaluation will occur (even if optimizations are disabled).

IDK. I am afraid of another mass purge of all U++ sources adding `constexpr` everywhere for no good reason... Not in this release to be sure.

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