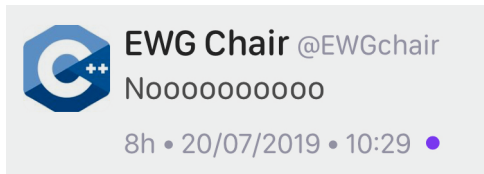


C++ Club UK

Gleb Dolgich

2019-07-25

C++20 is feature-complete



I wonder what was this tweet about.

C++20 -= Contracts perhaps?

- ▶ Herb Sutter
 - ▶ Reddit
- ▶ Bryce Lebach
 - ▶ On the proposed coroutine keywords
 - ▶ On `std::web_view`¹
 - ▶ On the `constinit` keyword
 - ▶ On the spaceship operator

¹This is madness IMHO

std::format in C++20

<http://www.zverovich.net/2019/07/23/std-format-cpp20.html>

https://www.reddit.com/r/cpp/comments/cgqo14/stdformat_in_c20/

Contracts while we wait

- ▶ <https://github.com/alexeiz/contract>: header-only, C++11, BSL-1.0, uses Waf build system, supports GCC and Clang
- ▶ https://github.com/FelixPetriconi/contract_light: C++11, BSL-1.0, uses CMake, GTest (included)
- ▶ Boost.Contract (1.67+)
 - ▶ [Docs](#)
 - ▶ <https://github.com/boostorg/contract>

Why **std::expected** is not in the standard yet?

https://www.reddit.com/r/cpp/comments/c75ipk/why_stdexpected_is_not_in_the_standard_yet_is_it/

- ▶ `std::expected` <https://github.com/TartanLlama/expected>
- ▶ Boost Outcome
https://www.boost.org/doc/libs/1_70_0/libs/outcome/doc/html/index.html
- ▶ Outcome without Boost <https://ned14.github.io/outcome/>
- ▶ Leaf <https://github.com/zajo/leaf>

Microsoft to explore using Rust

<https://www.zdnet.com/article/microsoft-to-explore-using-rust/>

https://www.reddit.com/r/cpp/comments/cegbhj/microsoft_looking_into_rust_as_an_alternative_to_c/



Vittorio Romeo:

↑ abbycin -13 points · 1 day ago
↓ meta programming is destroying c++
Reply Give Award Share Report Save

↑ SuperV1234 23 points · 1 day ago 🏆
↓ *laughs in constexpr*
Reply Give Award Share Report Save