C++ Club UK Meeting 110

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In a hypothetical situation, backwards compatibility is no longer an issue in C++. What would you change about the core language or the standard library?

- Reddit
    - Rust gets mentioned!

- Stuart Wheaton
  - Reddit

  *C++**11** posted on June 14, **2020**?*

Illustrative Boost 1.73 epoch report

- Report
  - Reddit

- Article
  - Reddit
- polymorphic_value (GitHub)
- Better Code: Runtime Polymorphism - Sean Parent

- Part 1
- Part 2
- Part 3
- Part 4

- Post by Andreas Herrmann

On the Tension Between Object-Oriented and Generic Programming in C++, and What Type Erasure Can Do About It

- Article by Thomas Becker

- Filip Dutescu (GitHub)
  - Reddit

A template for modern C++ projects using CMake, clang-format and unit testing

- Bartek Filipek
  - Reddit

Cefal: library of functional typeclasses using C++20 concepts

- GitHub (C++20, BSD-3-Clause)
  - Reddit

- B. Filipek
  - Reddit

Modern C++ Parallel Task Programming

- Home
- GitHub
- Taskflow 2.5 announcement on Reddit
- Taskflow - C++ Parallel Tasking System, by Manoj Rao

- GitHub
  - Reddit (Header-only, C++17, Boost Licence)

C++ based Rest web server for large scale production environment

- Reddit
- C++ libraries for restful micro services development

- German Diago Gomez
  - Emacs
  - Meson
  - C++20
- Tom's Data Onion

- Notes

The goal of these notes is to introduce the reader to the following.

1. Parallel computing in imperative programming languages and C++ in particular, and
2. Real-world performance and efficiency concerns in writing parallel software and techniques for dealing with them.

- Barry Revzin
  - Reddit

> **Michael Park** @mcypark
> 👥 @BarryRevzin
>
> Haskell: ƛ
> Rust: lambda
> C++:   laaaaaaaaaaambbdaaa
>
> 💬 thread
> 10h • 18/06/2020 • 15:11

The importance of choosing the right data type

how showers are
supposed to work

```
int temperature;
```

how showers work

```
bool temperature;
```