

C++ Club UK Meeting 119

Gleb Dolgich

2021-01-14

2020-12 C++ committee mailing

- ISO CPP

Reverse Engineering the source code of the BioNTech/Pfizer SARS-CoV-2 Vaccine

Not strictly C++ related, but fascinating nevertheless, and also topical.

- [Article](#)
 - [Reddit](#)

Why Another C++ (And More™) Conference?

- [JeanHeyd Meneide](#) ([Reddit](#))

CoSy - Computing Systems Technology Conference

- [Website](#)

CoSy (pronounced like “cozy”) is a Systems Programming Conference:

- Broad scope (C++, C, Rust, Zig, FORTH, Nim, OCaml etc.)
- Double-blind submission reviews

Of course, it's not always possible to double-blind everything! If someone writes a submission about how they wrote a Great Book On Large Scale Software Architecture That's Really Good And Helps You Modularize And Structure Large Software And The Sequel Is Out You Should Buy It Now, they have vastly reduced the pool of people they could be talking about.

- Escaping the Crushing Despair (case in point: CppLang Slack)
 - [The... Community? on YouTube](#)

A Small Open Source Game In C++

- Preshing
 - Reddit
 - GitHub
 - Code review

That tongue animation :-)

Graphics Library for simple 2D games

- [Reddit](#)
 - [SFML](#)
 - [Allegro](#)
 - [SDL - C](#)
 - [olcPixelGameEngine](#)

is::Engine - C++ SFML game engine

- [Reddit announcement](#)

Interactive C++ with Cling

- LLVM Blog

Calendar and Time-Zones in C++20: Time of Day

Rainer Grimm

FTL - A functional template library for containers processing in C++

- [GitHub](#)
 - [Reddit](#)

FTL is a C++17-based library that provides a more convenient API for collections processing. The API is heavily inspired by the Rust programming language.

```
1 const auto totalVolume = cityTrees.iter()
2   .filter([](const auto &tree) { return tree.kind ==
3     Tree::Oak && tree.diameter > 25; })
4   .map([](const auto &tree) { return tree.volume(); })
5   .sum();
```

Compiling C/C++ on Apple M1

- Boris Kolpackov
 - [Reddit](#)

Linux developer going Windows

- Reddit

BinOpt — A Library for Self-guided Runtime Binary Optimization

- [GitHub](#) (LGPLv2.1+)

Best framework to create HTTP server

- Reddit

Boost 1.75

- Release notes
 - [Reddit](#)

C++ Russia 2020 Moscow

- [Playlist on YouTube](#)

A morning kick



I Am Developer

@iamdeveloper



How I Hacked My Morning Routine:

I wiped a production database and
now I am 100% definitely awake

8/29/18, 10:27 AM

2,567 Retweets **9,467** Likes