C++ Club UK Meeting 116

Gleb Dolgich

2020-11-05

mailing2020-10

- mailing2020-10
 - Reddit

Select papers

- P1206R1 ranges::to: A function to convert any range to a container
- P2214R0 A Plan for C++23 Ranges
- P2226R0 A proposal for an idiom to move from an object and reset it to its default constructed state
- P2237R0 Metaprogramming

Named Parameters in C++20

Peter Dimov

C++ in Visual Studio Code reaches version 1.0

Julia Reid

C++ Talk Index

Website

The terrible size_t

juCi++: a lightweight, cross-platform IDE

- Gitl ab
- Installation guide

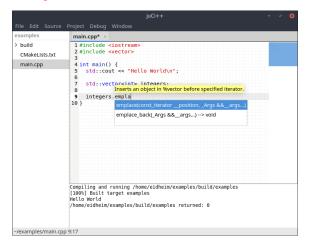


Figure 1: Screenshot

Library: cpp-lazy

GitHub

Cpp-lazy is a fast and easy lazy evaluation library for C++14/17/20.

Lazy evaluation is an evaluation strategy which holds the evaluation of an expression until its value is needed. In this library, all the iterators are lazy evaluated.

This library is not a replacement for ranges::v3 but rather a (smaller) alternative.

Library: Crypto3

- Home page
- Boost mailing list announcement
- GitHub
- Reddit

Library: AAA - Auxiliary Arithmetic Algorithms

- GitHub (MIT)
- Docs

Daisy Hollman's deduction trick



Figure 2: Deduction guides

How it started/How it's going



S is for Shafik who stared into the void too long

@shafikyaghmour

How it started: How it's going:

#cplusplus pic.twitter.com/cINZFGUJLN



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void ramanujan_numbers() (C++36 General Lambdas
auto sun_cubes = [[auto t] >> int (
Cray Expeller President (filter_, std:requal_to()) Cray 22/ax

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Halloween logic

