

# C++ Club UK Meeting 113

Gleb Dolgich

2020-09-17

- Program

## C++20 approved, C++23 meetings and schedule update

- Herb Sutter
  - Reddit

# Standard C++20 Modules support with MSVC in Visual Studio 2019 version 16.8

- Cameron DaCamara
  - Reddit

# C++ is now the fastest-growing programming language

- TechRepublic
  - Reddit

# The Rust & C++ LDN *Virtual* Talks

- Meetup
  - Reddit

# Throwing Out the Kitchen Sink - Output Ranges

- JeanHeyd 'ThePhD' Meneide
  - Reddit

# Designing an ideal class in C++

- Anupam Mazumdar via Medium
  - [Reddit](#)
  - See also: C++11: The Rule of the Big Five
  - See also: How I Declare My class And Why, by Howard Hinnant



# Here I Stand, Free - Allocators and an Inclusive STL

- JeanHeyd “ThePhD” Meneide
  - [Reddit](#)

# Standard library development made easy with C++20

- Corentin Jabot
  - Reddit

# Matplot++

- GitHub
  - Reddit

# A Buffers Library for C++20

- Colby Pike

## Why I like C++ attributes

- Marius Bancila

# Crypto3

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

# C++ STL-Like Algorithm Libraries

- Conor Hoekstra

# Recursive lambdas in C++

- Philip Trettner



# Happy 20th Birthday CMake

- Marian Luparu
- Interview with Bill Hoffman
- The original CMake intro email (2000)

# Introduction to modern CMake for beginners

- Internal Pointers Blog
  - Reddit

## id Tech – Game engines written in C++

- Engines and games
  - [Reddit](#)

### Fabien Sanglard's game engine code reviews

- [Quake](#)
- [Quake 2](#)
- [Quake 3](#)
- [Doom 3](#)

### See also

- [Doom Eternal study](#)

# Named Parameters in C++20

- Peter Dimov
  - [Reddit](#)

# C++ in Visual Studio Code reaches version 1.0

- Julia Reid
  - Reddit



**Hana Dusíková** 🍋 @hankadusikova

We need a static analysis rule saying "think about your life choices" whenever it finds an inlined assembly.

5h • 04/08/2020 • 19:10 •

Figure 1: Life Choices