

C++ Club UK Meeting 112

Gleb Dolgich

2020-08-13

Bjarne Stroustrup's Reddit account suspended

- Reddit

- Mailing
 - Reddit

Select papers

- N4862 Business Plan and Convener's Report
- P0228R6 any_invocable
- P0881R6 A Proposal to add stacktrace library
- P2210R0 Superior String Splitting

The Archive of Interesting Code

- Keith Schwarz

- Chromium

Eggs.Invoke is a C++11/14/17/20 single-header implementation of INVOKE and its related facilities.

- [Home](#)
- [GitHub](#) (Boost)

Announcing Meeting C++ online

- Jens Weller
 - Reddit

Visual Studio 2019 V16.7.2 is available

- [Change log](#)
- [Release notes](#)
- [Reddit](#)

- Announcement

The NVIDIA HPC SDK C, C++, and Fortran compilers support GPU acceleration of HPC modeling and simulation applications with standard C++ and Fortran, OpenACC® directives, and CUDA®. <...> With support for NVIDIA GPUs and Arm, OpenPOWER, or x86-64 CPUs running Linux, the HPC SDK provides the tools you need to build NVIDIA GPU-accelerated HPC applications.

- Accelerating Standard C++ with GPUs Using stdpar

AddressSanitizer for Windows: x64 and Debug Build Support

- Microsoft C++ Team Blog
 - [Reddit](#)
 - [Previously: AddressSanitizer \(ASan\) for Windows with MSVC](#)

Improving code generation time with C++ Build Insights

- Microsoft C++ Team Blog
 - Reddit

- Microsoft C++ Team Blog
 - Reddit

- Announcement
 - Reddit

envy is a small header-only library to deserialize environment variables into type-safe structs.

- [GitHub](#) (MIT)

No more plain old data

- Marius Bancila
 - Reddit

- Mastering C++: Books | Courses | Tools | Tutorials | Blogs | Communities, by Vishal Chovatiya

Throwing Out the Kitchen Sink - Output Ranges

- JeanHeyd 'ThePhD' Meneide
 - Reddit

The implication of const or reference member variables in C++

- Lesley Lai
 - Reddit

- GitHub
 - Reddit
 - Previously: Awesome C++

- [Reddit](#)
- [GitHub](#) (MIT, C++11, header-only)

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

do {...} while (0) in macros

- Article
 - Reddit

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

Standard library development made easy with C++20

- Corentin Jabot
 - Reddit

Wide screen for C++

C++ programmers now finally able to read linker errors in one line

