C++ Club Meeting Notes

Gleb Dolgich

2020-01-09

- B. Filipek
- Reddit

- Podcast

A Study on the Effects of Exception Usage in Open-Source C++ Systems

- PDF
- Reddit
  - The puns, oh my

- GitHub
- PDF V0.3.1

http://www.lurklurk.org/linkers/linkers.html

```
1  g++ -o test1 test1a.o test1b.o
2  test1a.o(.text+0x18): In function `main':
3  : undefined reference to `findmax(int, int)'
4  collect2: ld returned 1 exit status
```

> *If your reaction to this is 'almost certainly missing*
> *extern "C"' then you probably already know everything*
> *in this article.*

JSON Library from the makers of Boost.Beast

Vinnie Falcou:

> *A survey of existing JSON libraries shows impressive diversity and features. However, no library is known to meet all of the design goals mentioned here. In particular, we know of no library that supports incremental parsing and serialization, and also supports custom allocators robustly.*

Reddit — GitHub (C++11, Boost License) — Docs — Benchmarks

> *This is currently NOT an official Boost library.*

Arthur O'Dwyer

> *Here's how to build a "Hello world" program using*
> *Clang's implementation of C++2a Modules, as it cur-*
> *rently stands as of November 2019.*

Reddit

Reddit

P1930R0

Reddit

Robert Ramey:

> *The value of a paper like this would be to narrow the scope or domain of a problem to something that would be useful component in solving bigger problems. This paper does the opposite — expanding the domain to encompass the whole world of physics.*

- GitHub
- Docs
- Reddit

JF Bastien
@jfbastien

↑ 6 Replies

Today's episode of "something I didn't know about C++":
template<class ...Ts>
void ellipsis(Ts......);

Template parameter pack, followed by C-style varargs that doesn't use the (optional!!!) comma.
😱

19/02/2019, 20:02 (Tuesday)
Twitter Web Client

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Bryce Adelstein Lelbach @blelbach
This is C++. There's always a bigger mistake.

> Billy O'Neal @MalwareMinigun
> @wittyelk & @AlisdairMered
> Is there a bigger modern C++ mistake than
> initializer list?
>
> 1d • 17/12/2019 • 08:10

20h • 17/12/2019 • 19:16 •