C++ Club UK

Gleb Dolgich

2019-01-31

Pre-Kona Papers

mailing2019-01

- ▶ P1408R0 Abandon `observer_ptr` (Bjarne Stroustrup)
  - ▶ Reddit: https://www.reddit.com/r/cpp/comments/ak0vfg/abandon_observer_ptr_bjarne_stroustrup/
- ▶ P1329R0 On the Coroutines TS (Oppose merging of Coroutines TS into the Standard -- prefer Core Coroutines or an alternative where coroutines are "first-class citizens of the language".)
  - ▶ P1430R0 First-class symmetric coroutines in C++
- ▶ P0843R3 `static_vector`
- ▶ P1021R3 Filling holes in CTAD (aggregates, alias templates, inherited constructors)
- ▶ P1132R3 `out_ptr`
- ▶ P1337R0 Aliasing the standard library as a means to save C++ (attempt at humour, waste of time)

Pre-Kona Papers

mailing2019-01

- ▶ P1392R0 Differences Between Functions and Function Templates (informational)
- ▶ P1426R0 Pull the Plug on Contracts? (wow)
- ▶ P1433R0 Compile Time Regular Expressions
- ▶ P1446R0 Reconsider the Networking TS for inclusion in C++20
- ▶ P1371R0 Pattern matching

C++ Modules Might Be Dead-on-Arrival

- ▶ C++ Modules Might Be Dead-on-Arrival
  - ▶ Reddit: https://www.reddit.com/r/cpp/comments/akihlv/c_modules_might_be_deadonarrival/
- ▶ P1300 Remember the FORTRAN
- ▶ P1427R0 Concerns about module toolability

Stephen Checkoway
@stevecheckoway

Valid C, invalid C++:
```
for (int i = 0; ;) {
    int i = 1;
    return i;
}
```

Valid C and C++:
```
for (int i = 0; ;) {{
    int i = 1;
    return i;
}}
```

19 Likes	**3** Retweets
27 Jan 2019 at 21:02	via **Twitter Web Client**

Twitter

Roly Perera
@rolyperera

Software development tools pic.twitter.com/ 1ES6amnH3g

858 Likes	**310** Retweets
27 Jan 2019 at 21:04	via **Twitter Web Client**