

C++ Club Meeting Notes

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- ▶ **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)

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- ▶ [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

C vs. C++ for scope



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;  
}}
```

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