C++ Club Meeting Notes

Gleb Dolgich

2019-11-14

- Bryce Adelstein Lelbach, Reddit
- Herb Sutter

How to pronounce 'Bjarne Stroustrup', by Bjarne Stroustrup

- http://www.stroustrup.com/pronounciation.wav

  It can be difficult for non-Scandinavians. The best suggestion I have heard yet was "start by saying it a few times in Norwegian, then stuff a potato down your throat and do it again :-)"

```cpp
template<class T, class U>
concept same_as = std::is_same_v<T, U>;


struct Element {
    int value;
};


template<class T>
concept Container = requires (T t, int idx) {
    { t.get(idx) } -> same_as<Element>;
};


void func(Container auto cont) {
    cont.
```

f 🔒 get(int)	same_as<Element>
Press ^Space for non-public members Next Tip	⋮

Reddit

- PyTorch — has a pure C++ front end
- TensorFlow for C++
- Shogun

The sad history of Unicode printf–style format specifiers in Visual C++

Raymond Chen

Reddit

Blog

PyBind11

Template meta-programming: Some testing and debugging tricks

Ivan Cukic

Article

GitHub

Reddit

David Hollman @TheWholeDavid

We (the C++ executors effort) are now closely tracking the async/await progress in Rust (thanks to @tmandry
 for chatting with us and @yaahc_ for putting us in touch). I'd really like to see more inter-language discussions like this for major features. Everyone wins from this!

> **Eric Niebler** @ericniebler
> It sounds like Rust and C++ may end up having very similar async programming models.
>
> 3d • 08/11/2019 • 09:39

3d • 08/11/2019 • 13:57

A Python script that simplifies C++ compiler errors. Useful when using heavily-templated libraries.

GitHub

Computer Facts @computerfact
programmers are always worried about
"source code" but never "destination code"
because they have no idea where any of this
is headed

1d • 30/10/2019 • 18:17