C++ Club Meeting 104

Gleb Dolgich

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Follow-up: How I Declare My class And Why, by Howard Hinnant

- Howard Hinnant
- Reddit
- Coding guidelines

Order:

- data members
- destructor
- default constructor
- copy special members
- move special members
- other constructors
- other member functions

Follow-up: References, simply, by Herb Sutter

- Herb Sutter
- Reddit

Epic 10-hour C++ port of Doom

- YouTube video by Jason Turner

Elements C++ GUI library, by Joel de Guzman

- Home
- GitHub (C++17, MIT)

- GitHub
- Reddit

C++14 asynchronous allocation aware futures (supporting then, exception handling, coroutines and connections), by Denis Blank

- GitHub (C++14, MIT)
- Docs
- Reddit

IceCream-Cpp

Sweet and creamy print debugging. C++ flavored, by Renato Garcia

- GitHub
- Reddit

The C++ Lifetime Profile: How It Plans to Make C++ Code Safer
- Daniel Martin

The C++ rvalue lifetime disaster, by Arno Schödl
- Video
- Article by Arthur O'Dwyer
- Reddit

See also: Abseil Tip of the Week #107: Reference Lifetime Extension

```cpp
std::string Foo::GetName();
const std::string& name = obj.GetName();  // Is this safe/legal?
```

A new decade, a new tool: libman