Overview

1. Warming up (10 min)

- Sign-in & Attendance
- Where are we (in the ocean of C++) ? Why do we feel at loss?
- ⚡ Sanity charging ⚡

2. Main Session (∞ min)

- Rvalue references: a hard battle – never enough attention on it
- Dynarray: the rules of 5; exception safety issue; copy-and-swap idiom;
- Value categories: another hard battle – never enough attention on that as well
- Constructors: Default or Copy or Move; copy-elision;
- Const & non-const references: function overloading; parameter matching;
- Class design: make your class modern

4. Bonus Application – Tools teaching (15 min)

- What is property? Why property?

Supplementary Materials

- What is the copy-and-swap idiom?
- Beware of using std::move on a const lvalue

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