Trip Report from ACCU 2018, Bristol, UK, 2018-04-10 – 2018-04-15

Felix Petriconi

accu 2018

- 23rd conference
- 5 Tracks - three with C++, two with no C++ content
- ~ 60 speakers
- ~ 450 attendees
- My 4th visit
- My 3rd year as speaker
- My 2nd year as conference committee member

Bath & Bristol Agile User Group Meeting

Seb Rose

Don't make your User Stories INVEST, but make them RIVETing

Risk reducer

Ignorance dispeller

Verifiably deliverable

Expeditious

Tracer bullet

Keynotes

Gen Ashley: *Diversity & Inclusivity in Tech*

Hadi Hariri: *Kotlin/Native – Embracing existing ecosystems*

Lisa Lippincott: *The Shape of a Program* ⭐

Seb Rose: *Software development – learning to walk again* ⭐

Louis Dionne:
Runtime Polymorphism: Back to the Basics

- About problems of run time polymorphism through inheritance
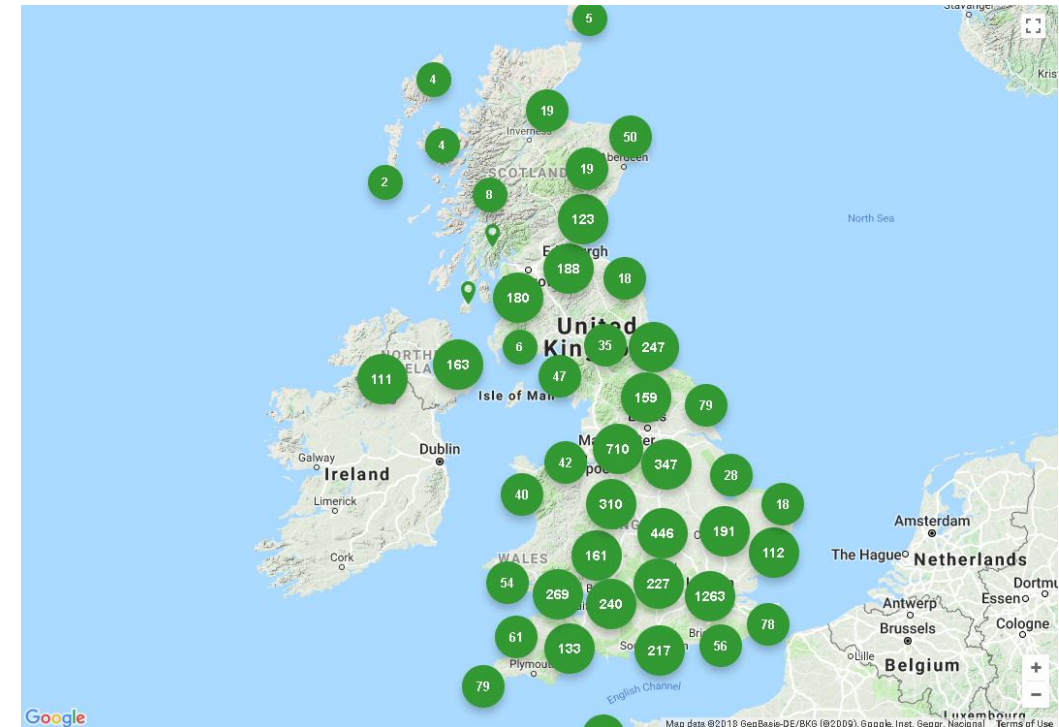- Different approaches to solve that problem by using his Dyno library or TMP

Roger Orr:
Nothing is better than copy or move

- Great overview of the history of passing arguments to functions and returning values from them

- How this has changed from K&R C to modern C++17

Code Club Workshop

- Code Club is a charity organization that brings programming to children in the age of 6-13
- 6563 Code Clubs in the UK
- Teaching over 91,000 kids
- Projects in
  - Scratch
  - HTML & CSS
  - Python
  - Raspberry Pi
  - Sense HAT
  - Sonic Pi

SG 14 Meeting

Herb Sutter:

ISO C++ survey (3500 participiants)
- ~50% users cannot use exceptions
- So cannot really use constructors
- Cannot use STL

$\Rightarrow$ Big problem for the language

New proposal for static exceptions
- No dynamic runtime overhead
- Proposed to use return value channel for value or exception, similar to boost.outcome

Conference Dinner

- Great place for communication
- Randomly changed seating after each course

Odin Holmes:
How to be polite to unicorns

- Session for template experts
- How different template facilities influence compile time

Conclusion

- ACCU is a great C++ centric developer conference

- Most of the sessions are recorded and later published on YouTube

- Attending sessions has the same value as the interaction with the other attendees and speakers

- More details in my trip report: https://petriconi.net/?p=242

- All videos are almost there under https://www.youtube.com/channel/UCJhay24LTpO1s4bIZxuIqKw