Daily C++

A ten minute talk on ten minute talks

Barney Dellar

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Canon Medical Research Europe Ltd.

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Agile

Our highest priority is to satisfy the customer through early and continuous delivery of valuable software	Build projects around motivated individuals. Give them the environment and support they need, and trust them to get the job done	Continuous attention to technical excellence and good design enhances agility
Welcome changing requirements, even late in development. Agile processes harness change for the customer's competitive advantage	The most efficient and effective method of conveying information to and within a development team is face-to-face conversation	Simplicity--the art of maximizing the amount of work not done--is essential
Deliver working software frequently, from a couple of weeks to a couple of months, with a preference to the shorter timescale	Working software is the primary measure of progress	The best architectures, requirements, and designs emerge from self-organizing teams
Business people and developers must work together daily throughout the project	Agile processes promote sustainable development. The sponsors, developers, and users should be able to maintain a constant pace indefinitely	At regular intervals, the team reflects on how to become more effective, then tunes and adjusts its behavior accordingly

Agile

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Regulation

ISO13485:

"6.2 Human resources - Personnel performing work affecting product quality shall be competent on the basis of appropriate education, training, skills and experience."

Agile

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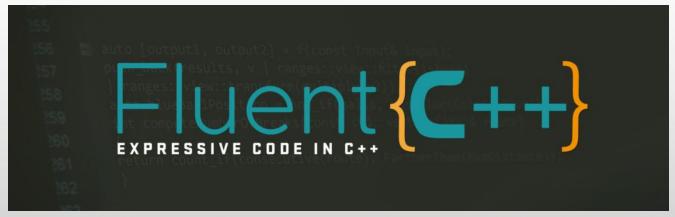
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CppCast

auto CppCast = pod_cast<C++>("http://cppcast.com");

<http://cppcast.com/>

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Fluent{C++}

<https://www.fluentcpp.com/>

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- Know your tools
- Add meaning
  - Use the type system
  - Use good names
- Respect levels of abstraction
- Make your code easy to read

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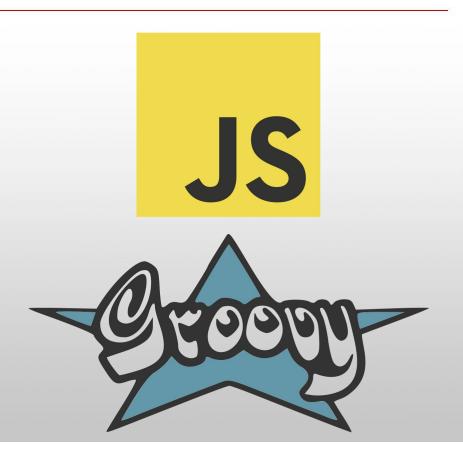
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Other languages

- Modern JavaScript

- Basic Groovy

Conclusion

Educate Yourself!