HyperAgile:

Empowering Creativity within Software Development Processes

Sam Aaron
Meta-eX Live

Thursday, 11 April 13
A Tortoise.
"Not just 'what will the computer do with this code?' but 'How can I communicate what I am thinking to people?"

Kent Beck
The Timeless Way of Building

Christopher Alexander

Design Patterns

Elements of Reusable Object-Oriented Software

Erich Gamma
Richard Helm
Ralph Johnson
John Vlissides

Foreword by Grady Booch
Habitability is the characteristic of source code that enables programmers, coders, bug-fixers, and people coming to the code later in its life to understand its construction and intentions and to change it comfortably and confidently.

It should be clear that, in our context, a “user” is a programmer who is called upon to maintain or modify software; a user is not (necessarily) the person who uses the software.

In Alexander’s terminology, a user is an inhabitant

Richard Gabriel
Alexander proposes homes and offices be designed and built by their eventual occupants. These people, he reasons, know best their requirements for a particular structure. We agree, and make the same argument for computer programs.

Computer users should write their own programs.

Kent Beck & Ward Cunningham
“Weak human + machine + better process
was superior to a strong computer alone
and, more remarkably, superior to a
strong human + machine + inferior process.”

Gary Kasparov
http://github.com/overtone/overtone

http://twitter.com/overtone
Clojure’s Epochal Time Model

- λ
- States (immutable values)
- Pure functions
- v1 → v2 → v3 → v4

Identity (succession of states)

Oberservers/Memory

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Fun
Flow
Tool Familiarity
BYOL
Build Your Own Lightsaber
Thank you

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