Shaping the Future of Agile Software Development

Presented by:

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Christin Wiedemann
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After finishing her PhD in physics, Christin Wiedemann started working as a software developer. When asked to test on a project, she realized she had found her true vocation. Later Christin joined the Swedish test company AddQ Consulting where she worked as a tester, test lead, and trainer, giving courses on agile testing, test design, and exploratory testing throughout Europe. Christin is a co-creator of the exploratory testing approach xBTM. In her current role as co-CEO of Professional Quality Assurance (PQA), Christin's primary objective is achieving delivery excellence, which is closely coupled with her continuing efforts to drive PQA's research and method development.
Shaping the Future of Agile Software Development

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Agile Today

Imperative for Innovation

Collaborative Context
“[...] O brave new world, That has such technology in’t [...]”
Global internet traffic in 2000: 1 EB
Global mobile data traffic in 2013: 30 EB

\[ 1 \text{ EB} = 10^{18} = 1\,000\,000\,000\,000\,000\,000\,000 \]
Users are constantly becoming less and less tolerant of poor design, content and navigation.

Users expect a personal experience.

Increased connection speeds and means of access give users unprecedented choices.

Complexity

Data

Speed
What are the new Agile ideas and trends?

Old news
Scrum - 1995
Extreme Programming - 1999
Kanban - 2003
Lean - 2003

Thinking inside the box
Is Agile evolving?

Let’s get innovative!
“[...] being able to imagine something beyond what we are [...] experiencing in the present moment.”
Scientific discovery

Follow your nose
Brainstorming

Environment
Trust

Engagement

No fear

de·bate

/diˈbæt/

verb

To discuss (something) with people whose opinions are different from your own.
**crit·i·cize**

/ˈkritəˌsɪz/
verb

Judging the merits and faults of something in an intelligible way.

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**ques·tion**

/ˈkwesCHən/
verb

Feel or express doubt about; raise objections to.

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Debate ➔ Criticize ➔ Question ➔

co·op·er·ate

/kəˈapəˌrät/
verb

Work toward the same end.
• Business people and developers must work together daily throughout the project.

• Build projects around motivated individuals. Give them the environment and support they need, and trust them to get the job done.

• At regular intervals, the team reflects on how to become more effective, then tunes and adjusts its behaviour accordingly.
How do you define Agile innovation?

What are the disadvantages of innovation?
What is keeping you from being innovative?

How can you remove obstacles to innovation?
Change the world

Shaping the future of Agile software development
Teams rather than groups.

Being Agile rather than doing Agile.

“The unstoppable power of leaderless organizations.”
“Be the change that you wish to see in the world.”

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• Slide 28: http://agilemanifesto.org/principles.html

• Slide 36: The Starfish and the Spider: The Unstoppable Power of Leaderless Organizations, 2006, Ori Brafman and Rod Beckstrom

• Slide 37: Mahatma Gandhi

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