

[Agile Workshop](#) [1]

Submitted by erinmr on Sun, 2014-06-29 15:13 Tuesday, July 8, 2014 - 14:00 to 15:30

Tuesday, July 8, 2014 - 16:00 to 17:30

Event: [Summer Meeting 2014](#) [2]

Session Type: [Workshop](#) [3]

Expertise Level: [Beginner](#) [4]

Collaboration Area: [Science Software](#) [5]

Abstract/Agenda:

1. Agile Overview: History, principles, practices and myths of agile including key agile approaches of Scrum, Kanban and XP.
2. Agile Transition: An industry perspective, organizational challenges and approaches, case studies, and leadership success factors

Notes:

Agile Development Workshop:

Pete Behrens

Trail Ridge Consulting

SCRUM is about 75% of the frameworks in use.

Framework for learning

Focus for quality

Feedback for alignment

Flow for predictability

It is a learning framework

Where did it come from: Winston Royce, 1970, Waterfall

Agile, Lean, Scrum, & XP in Context

-examples from manufacturing

Scrum is a learning framework

-what is the difference between a framework and a methodology

-framework is missing this is how

-scrum says try something, learn from it, do it again

Scrum is a learning framework.

Rugby video....

Scrum is a team sport (stop the line principle; Toyota)

Problems surface sooner, but it is easier to fix at that stage.

Most scientists don't like to work with people.

System optimization not local optimization, the bottleneck we want to run full speed, but where is it?
Most software development we don't know where that is.

Roles: Product owner, scrum master, the team.

#1 waste in software is because we build the wrong thing - over 60% is built in software is not used.

PO: build the right thing

Dev Team: Build the right thing

SM: Build thing fast

Steve Jobs - visionary, passionate, strategic and tactical

Example of team room where team could collaborate.

SCRUM exercise with rugby ball...

form teams

each member must touch ball

must be airtime

no non-body tools

no left/right neighbor pass

has to return to the start

Characteristics of Agile

Ford example

Agile want to integrate specialists, and connect them better together.

In the 70s IBM and others brought in

Waterfall

Lifespan of companies is going down.

Companies are evolving faster than companies. (Zapos - no management)

Agile will not go away.

IBM Survey Says - CEOs are looking for collaborative environments

Patterns in Agile:

thrashing agility - what are the patterns that make it successful

State of Agile Survey

Companies that have broken through barriers:

Start with company culture

Be Agile vs doing Agile

3 Companies:

McKinsey&Co

creative culture

stats of improvements

details of changes

SalesForce

competence culture (compete)

internal and externalA

fast growth

internal competiion hurt

now they have yearly releases

very productive

They did:

Adaptive Development Methodology

2006 - became agile companywide in a month

GE

HCIT control culture

Agile spreading within GE like a virus

Fastworks

The V model

Scaled Agile framework

(Lean Startup- read this)

Most creativity comes from random intersections with others.

Competing values framework example...

Third Part:

1) think about agile as extension of our culture

2)agility should change culture

3)developing leadership agility

book: Organizational patterns of agile software development

face to face before remote

the wise fool

etc...

process

structures/patterns

cultures

Session Leads:

Name: [Pete Behrens](#) [6]

Organization(s): [Trail Ridge Consulting](#)
[7]

Notes takers:

Name: [Kevin Dobbs](#) [8]

Organization(s): [University of Kansas](#)
[9]

Participants:

Kevin Dobbs, Vicki Ferrini, Bill Teng, Long Pham, Rashid Chowdhury, Mike McGann, Ward Fleri, Lynn Yarmey, Doug Lindholm, Stephan Zednik, Jason Werpy, Dave Meyer, Patrick West

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Teaser: An interactive 1/2 day Agile Introduction - overview and transition!

Accepted:

Keywords: [Agile](#) [10]

[Scrum](#) [11]

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