Ken Sueda

Shawn Minto

Mik Kersten

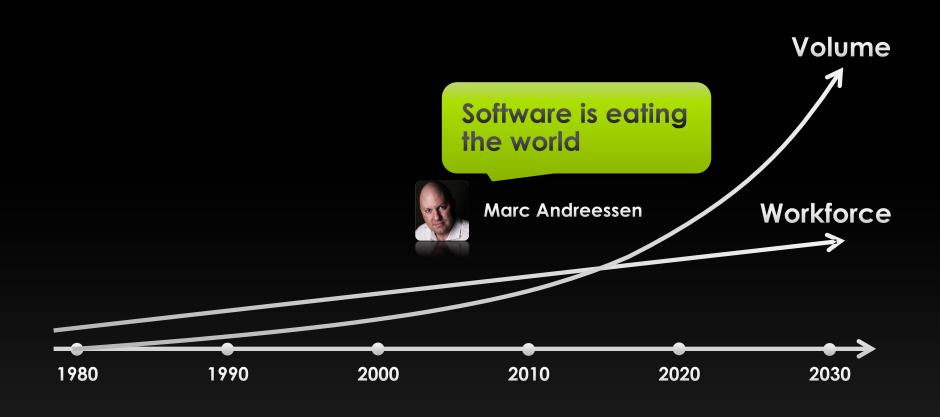
The future of ALM:

Developing in the Social Code Graph

@mik_kersten, @tasktop #javaone

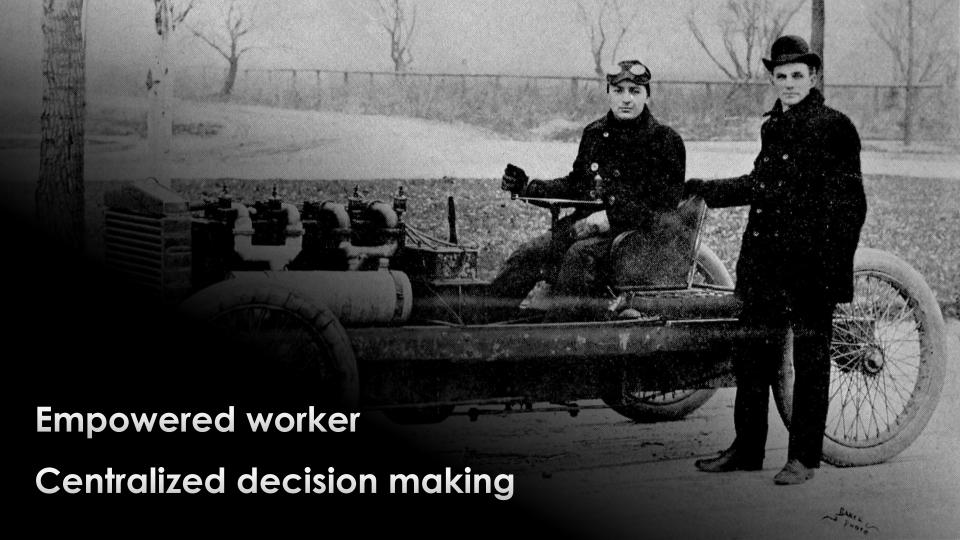


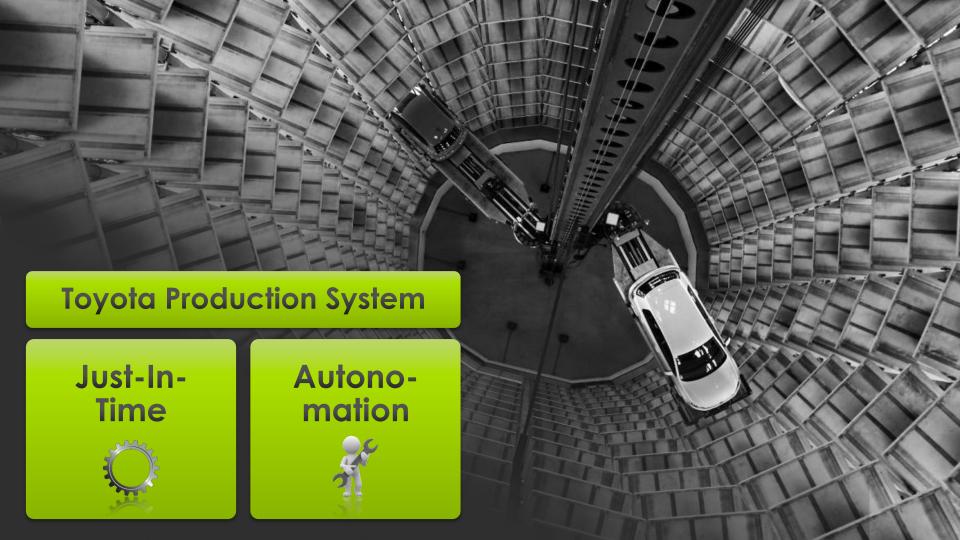




The software economy crisis







Peter Drucker

Knowledge worker productivity demands that we ask the question: "What is the task?"

It demands that we impose the responsibility for their productivity on the individual knowledge workers themselves.

Knowledge workers have to manage themselves. They have to have autonomy.

In devops we are communicate with coworker only by JIRA ticket. @DEVOPS BORAT

- > Autonomy
- > Transparency
- > Collaboration

Software Delivery Silos

Is ridicule when company have wall between dev and ops.. we are use NDA instead.



Testers



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Project Managers

Developers

Business Analysts

THE WAR BETWEEN DEVELOPERS, DESIGNERS & PROJECT MANAGERS



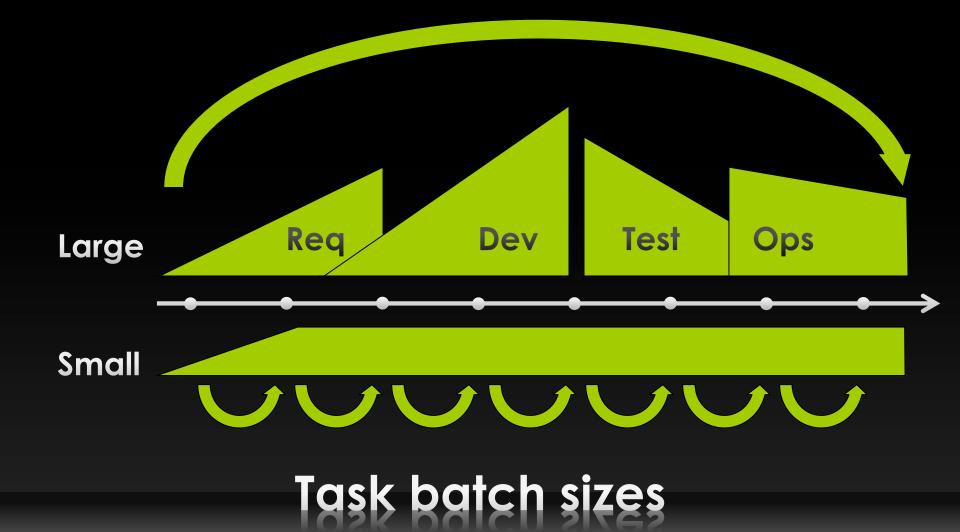
Best analogy I find so far for explain concept of ScrumMaster to new devops is Tooth Fairy



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Cultural gaps







Git – 60M LOC

Linus Torvalds





Bugzilla – 375K

Max-Kanat Alexander





Hudson – 337







Gerrit – 6K





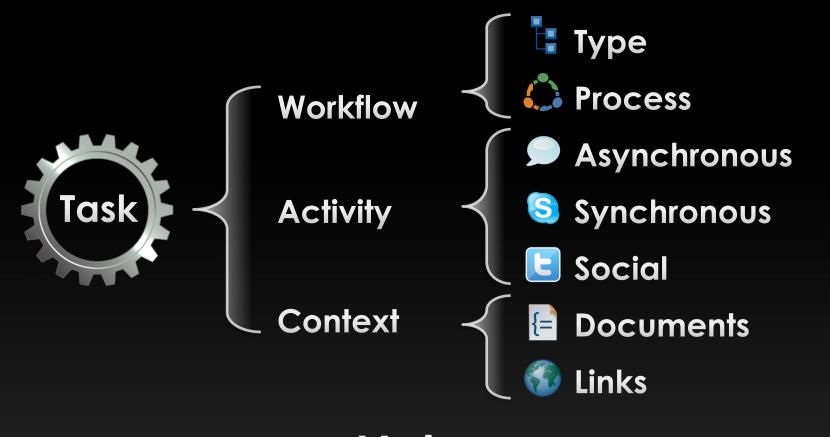
Ops – 35TB/mo

Denis Roy

Shawn Pearce

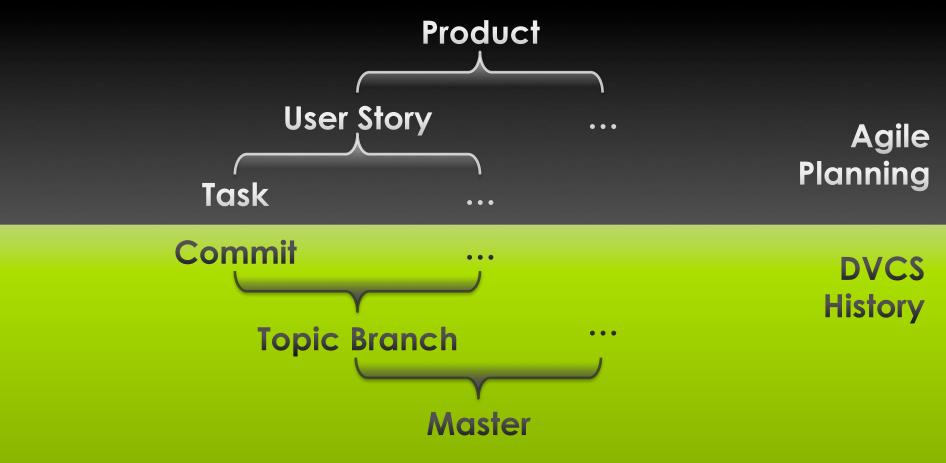


ALM at Eclipse



Mylyn

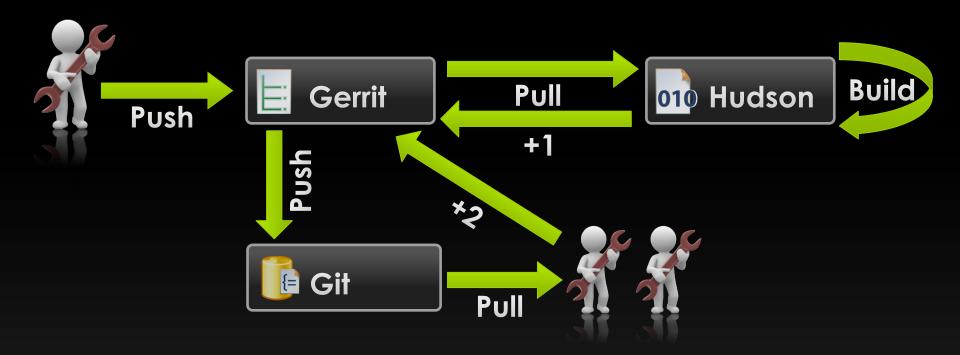
Planning and DVCS



Test #5 for fail of Open Source project: all unit test pass on local box developer, install is vomit with fail dependency everywhere else.



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Contribution Workflow Automation

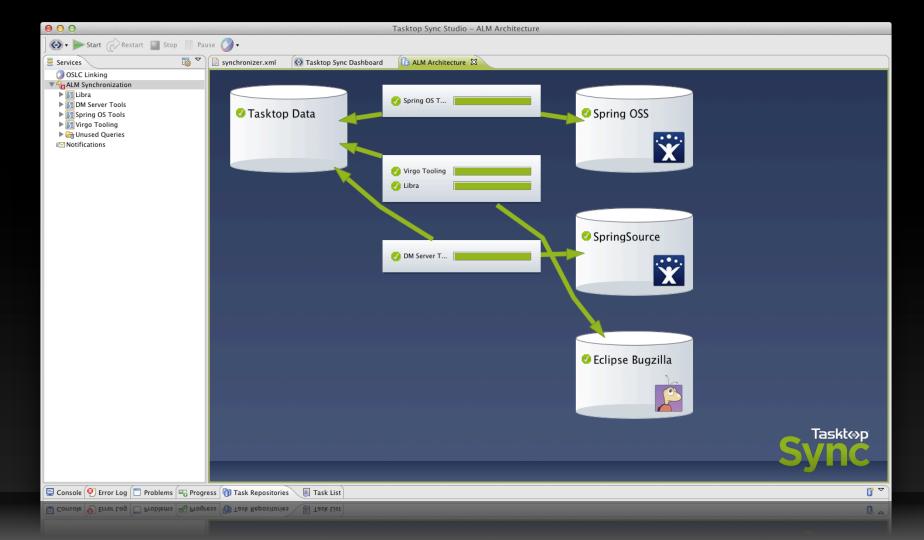
In 1995 you could able fit all Internet technology in brain. In 2011 you can not able fit even git in brain.



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ALM Automation



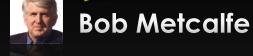


The social code graph illustrates

- > Autonomy
- > Transparency
- > Collaboration

Metcalfe's Law

 N^2



Number of project you are contribute in GitHub is inverse proportional to number of conference you are attend in year.

Reed's Law

2^N



David P. Reed



@DEVOPS_BOR

Network laws

The bigger the batch size the

- < Autonomy
- < Transparency
- < Collaboration



Developers

- Grow your code network, inside, out
- Insist on transparency, cross-component visibility

Managers

- Think of every developer as a volunteer
- Embrace self-organization & autonomy

Tool vendors

- Embrace complex software ecosystems and heterogeneity
- Social tasks are the glue

- tasktop.com/blog
- eclipse.org/mylyn
- youtube.com/tasktop

@mik_kersten



Test #1 for fail of Open Source project: check if word "enterprise ready" is appear in docs.

Test #2 for fail of Open Source project: is need install more of 5 other Open Source project as dependency.

Test #3 for fail of Open Source project: step of install operating system is easy part.

Lean Software Supply Chain



369,203

\$6,316,132



740,028

\$13,055,513

■ Codebase ■ Cost

Hyper productivity

Complex sourcing - offshoring, outsourcing and open sourcing - is driving demand for ALM governance.



Melinda Ballou, IDC

In startup we are spend 10 hour of every single day on automate everything.

Compliance provides leverage to automate, and automation is vital for agility



Tom Grant, Forrester

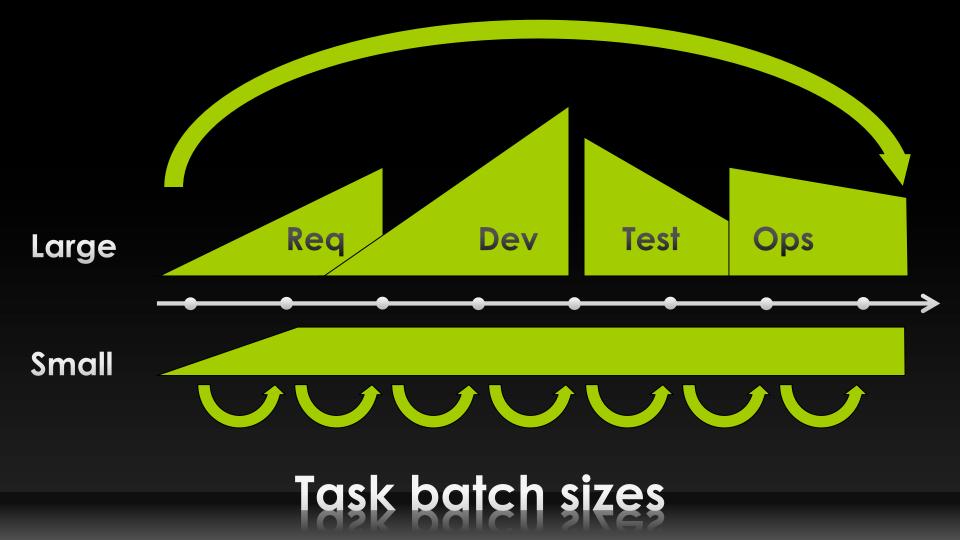


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In devops we are follow 80/20 rule: we are automate 80% and we are leave hard 20% manual for job security.

ALM Open Soul

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Peter Drucker

The most important, and indeed the truly unique, contribution of management in the 20th Century was the fifty-fold increase in the productivity of the MANUAL WORKER in manufacturing.

The most important contribution management needs to make in the 21st Century is similarly to increase the productivity of KNOWLEDGE WORK and the KNOWLEDGE WORKER.

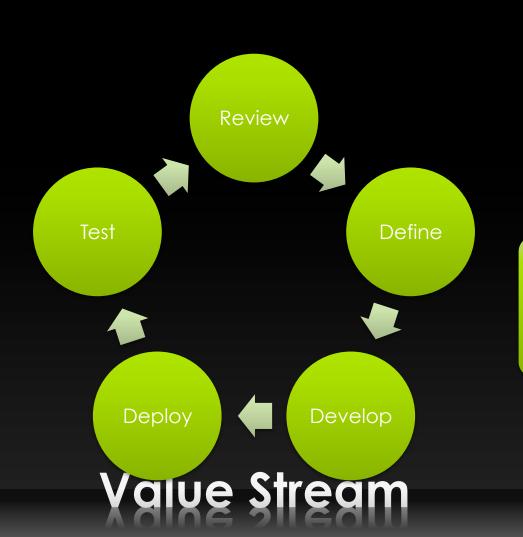
Communication not captured

@michaelbolton @marick I am there too when agile manifesto is write. Simple explanation: by tools we are mean devops which are tools.



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Miscommunication between silos

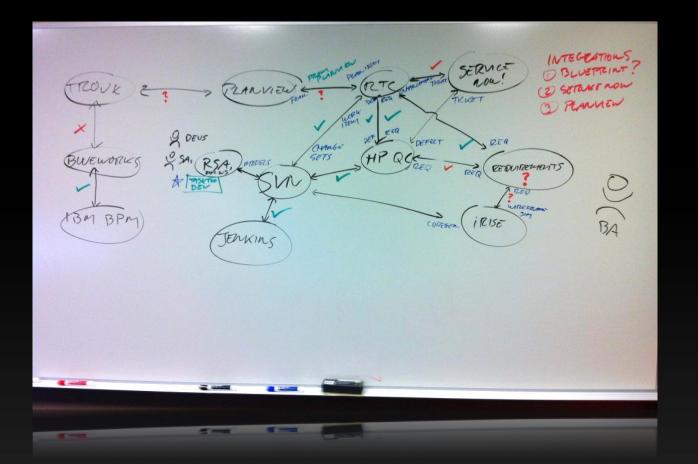


As with social network software social tool to break us out of the of inter-personal co

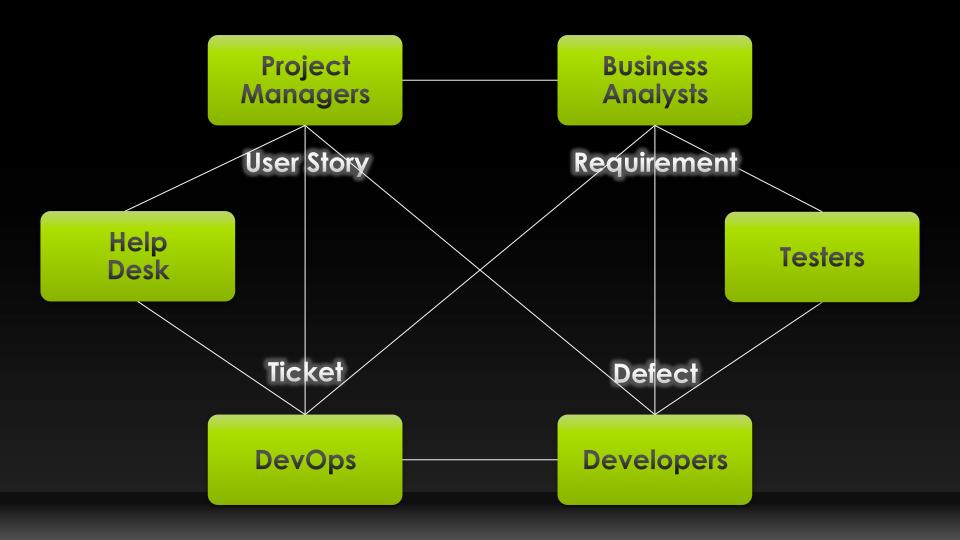
Automation must red end-user tool (eg, G Hudson)

Linked Lifecycle Data

Synchronization



Whiteboard



Need to replicate this at scale

Image of post-it

Solution has to be tool based

Software Delivery

TODO: Plot rise of maintenance vs. feature delivery cost?

