

Manifesto for Agile Software Development

We are uncovering better ways of developing software by doing it and helping others do it. Through this work we have come to value:

Individuals and interactions over processes and tools
Working software over comprehensive documentation
Customer collaboration over contract negotiation
Responding to change over following a plan

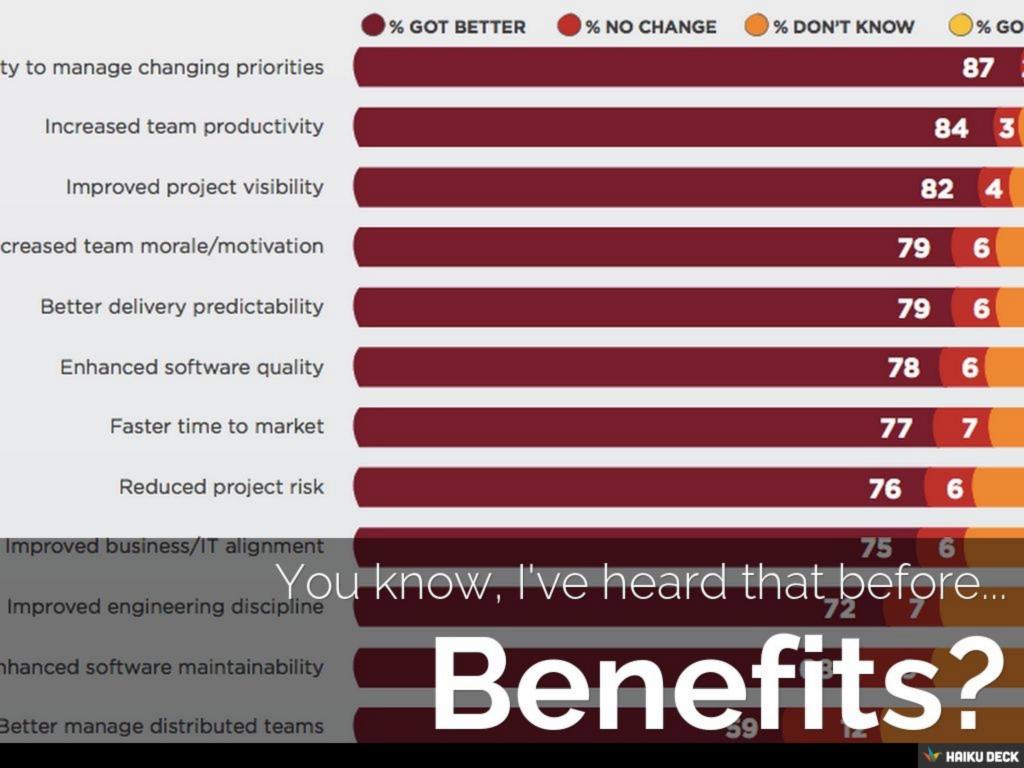
That is, while there is value in the items on the right, we value the items on the left more.

Kent Beck Mike Beedle Arie van Bennekum Alistair Cockburn Ward Cuming On Martin Fowler James Grenning
Jim Highsmith
Andrew Hunt
Ron Jeffries
Brian Marick

Robert C. Martin
Steve Mellor
Ken Schwaber
Leff Sutherland
Org, 2001

Adjusted Manifesto

Accelerate product delivery 59% Enhance ability to manage changing priorities 56% Increase productivity 53% Enhance software quality 46% Enhance delivery predictability 44% Improve business/IT alignment 40% Improve project visibility 40% Reduce project risk 38% Improve team morale 26% Improve engineering discipline , or a real change? Increase



BARRIERS TO FURTHER AGILE ADOPTION

At the agile initiative level, respondents cited organizational culture or a general resistance to change as their biggest barriers to further agile adoption, followed by not having the right skill set.

*Respondents were able to make multiple selections.



So, why isn't everyone doing it?

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Barkar eks?

Methods and Practices **56**% AqileUPJI

The Agile: Scrum Framework at a glance

Inputs from Executives, Team, Stakeholders, Customers, Users







Product Backlog

Team selects starting at top as much as it can commit to deliver by end of Sprint

> Sprint Planning Meeting



Sprint Backlog



Sprint end date and team deliverable do not change

Sprint















"Scrum



Sounds like just a bunch of

3 + 3 SCrum Roles http://www.barisdere.com/www.conten.guplocus/2010/zz/scr.um2.png

THE SCRUM ROLES MAINTAIN A BALANCE OF POWER



Product Manager

Pricing

Market

Communications

Mar. er n.

Regunancerits

Documente (MRD)

Product Owner

Project Manager

Scrum Master

Market Research

Vision, Voice of the Customer

Negotiate work with the team

Ensure the project meets its objectives

Manage scope, date and budget

Manage Stakeholder Communication

Manage/Prioritize Product Backlog

Available to the Team

Ready for Sprint Planning

Allow the team to plan the work

> Respect Sprint Boundaries

Agile process expert, owner & evangelist

Facilitate creativity & empowerment

> Encourage selforganization

Encourage improvement of team's dev practices

Visualize, communicate and radiate information

Remove impediments keeping the team from completing their work

Detailed are break
down structure

Member of the Team (team player, not manager)



Implications

- Individuals
- Teams
- Leaders
- HR Processes

Individuals

- Agile Mindset
- T-shaped

Two mindsets Fixed vs. Agile

Ability - static, like height

Ability - can grow, like muscle

Goal - look good

Goal - to learn

Challenge - avoid

Challenge - embrace

Failure - defines your identity

Failure - provides information

Effort - for those with no

Effort - path to mastery

talent

Reaction to challenge -

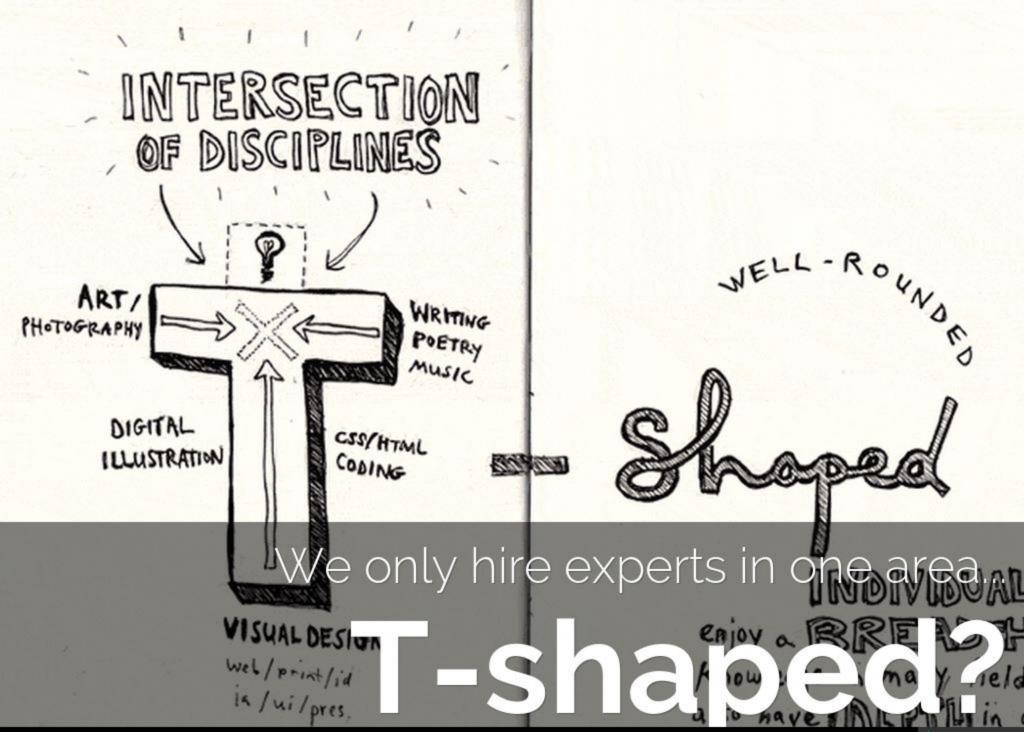
Reaction to challenge -

helplessness

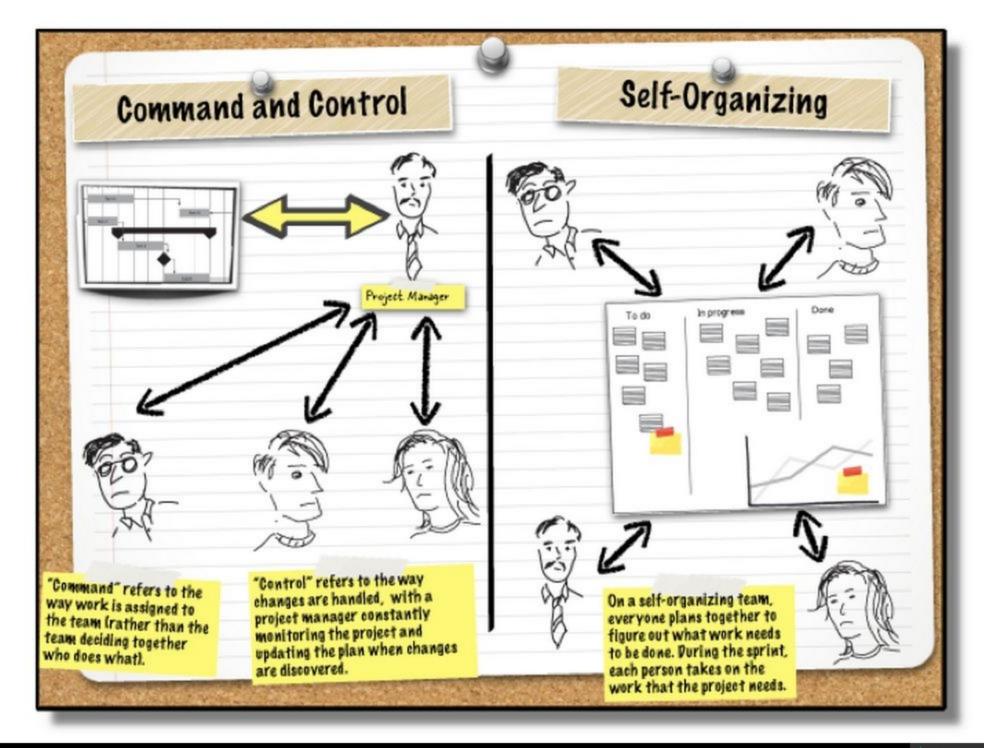
resilience

I thought agile was 'software process'

Agile mindset?







Scrum Team Behaviors

- Focus
- Courage
- Openness
 - Commitment
 - Respect



Leadership

- Servent leadership
- Coach
- Mentor
- Facilitator

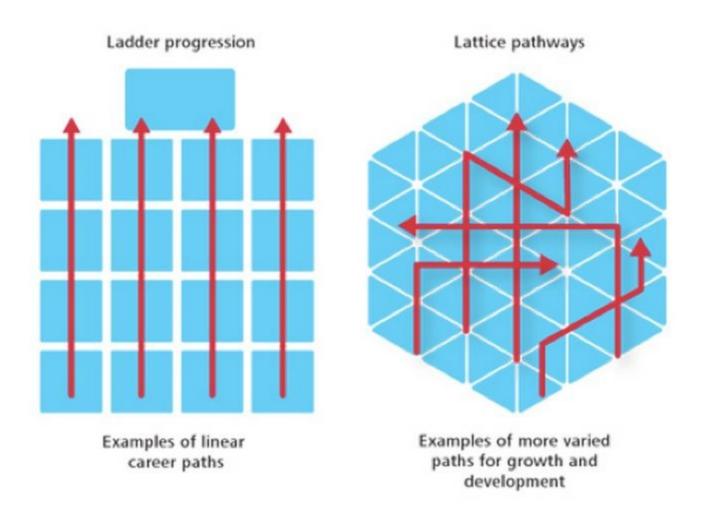


HR

- Competencies
- KRAs and Goal Setting
- Team vs Individual goals
- · 360, Periodic, Actionable
- Career Ladder vs. Lattice



Figure 3: Comparison of ladder and lattice career paths



Source: Deloitte.com