

Just a Spoonful of Agile Helps the Transformation Go Down

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December 12, 2018

Thank you sponsors!



Let's meet



William Bartlett, Treeptik

- ▶ Agile Coach, Java dev, Container enthusiast
- ▶ DevOps consultant

"Use the right tool for the job"

Section 1

Introduction

Every face tells a story



Every face tells a story

*"We tried Agile three years ago
It didn't stick 😞"*

Every face tells a story

"How to do twice as much in half the time"

"I'll never look back"

"Now I know what I was doing wrong. I no longer make the same mistake twice."

Netflix, Spotify, Amazon, Google, Microsoft, LEGO, ...

Myth or reality

Can people transform?

Is there any reason for optimism?

Just a Spoonful of Agile



Outline

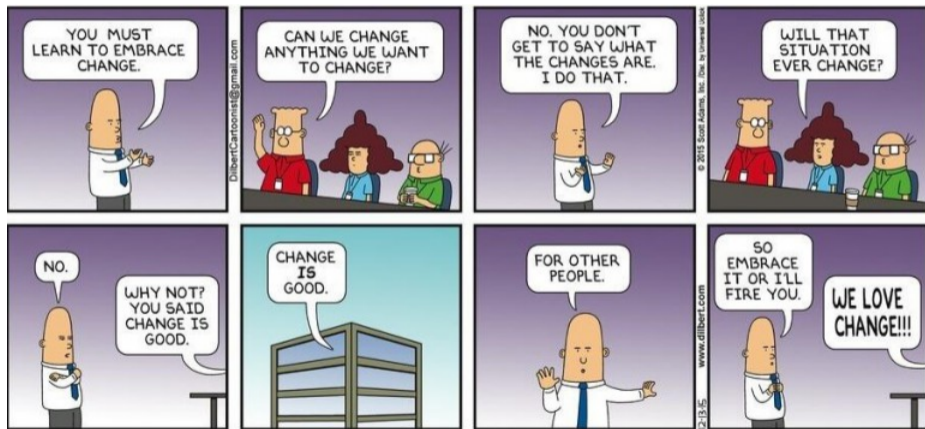
Transformation Disorders

AGILE **TM** Transformation

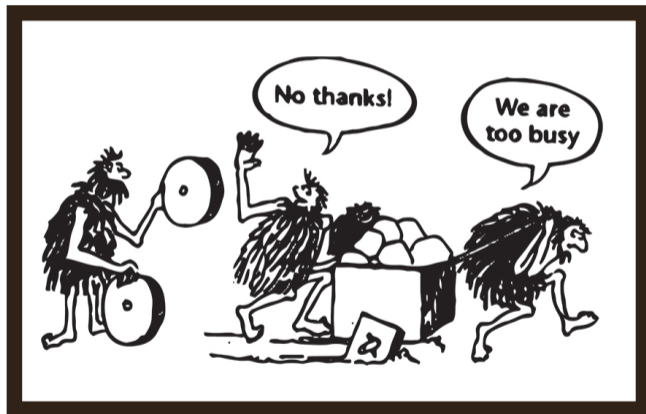
Section 2

Transformation Disorders

Transformation Disorders



Transformation Disorders



Transformation Disorders

- ▶ we've installed the tool
 - ✓ problem solved
- ▶ transform, without changing priorities
- ▶ cargo culting
- ▶ what's my ROI?
- ▶ sunk costs fallacy
- ▶ I must to be 100% sure
 - ▶ it's sustainable
 - ▶ it's all-encompassing

Section 3

AGILE TM Transformation

The AGILE TM mindset

agility · n.

a mindset that takes a pragmatic approach to solving the real problems hindering the production of value.

Transformation as an Agile Project

- ▶ Prioritized backlog
- ▶ MVP
- ▶ Iterations
- ▶ Feedback loops
- ▶ Self-organizing
- ▶ Focus on value
- ▶ WIP limits
- ▶ Trial and error

Immediate

Sustainable

Requirements

Transformation

- ▶ What kind? agile, API, DevOps, cloud, containers, serverless, blockchain, quantum
- ▶ What scope? team, product, department, company
- ▶ Why? (×5)
- ▶ What investment? (WWWTTTC?)

First Steps

Objectives + pain points \rightsquigarrow prioritized backlog

Transformation Story

Hypothesis-driven

- ▶ We believe that *this change*
- ▶ will result in *this outcome*.
- ▶ We will know we are successful when we *observe this measurable signal*.

Example

- ▶ Automated integration pipeline
- ▶ Agile facilitators
- ▶ DevOps Design phase
- ▶ K8s PoC

Automated integration pipeline

- ▶ We believe that *using an automated integration pipeline*
- ▶ *will result in more time for higher value-adding tasks.*
- ▶ We will know we are successful when we *observe a rise of 20% in the time claimed on new features.*

Loop the Loop

 Take

 Target

 Track

 Repeat

Avoid the Pitfalls

- ▶ Don't wait
- ▶ We're **all** in the same boat
 - ▶ Devs
 - ▶ Ops
 - ▶ Biz
 - ▶ Managers
 - ▶ ...
- ▶ It takes time
 - ▶ pick your battles
 - ▶ don't be too hasty to cry victory
- ▶ Celebrate each win
- ▶ Get outside help

Section 4

Let's sum up

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Invigorate with quick wins

Tolerate mistakes

Illuminate through experience

Thankyou

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