

#### **BW4**

People & Teams Wednesday, June 6th, 2018, 1:30 PM

## A Case Study in Building a Culture of Continuous Improvement

Presented by:

**Kevin Goldsmith** 

Brought to you by:



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#### **Kevin Goldsmith**

Kevin Goldsmith is the chief technical officer at Avvo, where he oversees the development and IT teams. Prior to joining Avvo, Kevin was the VP of Engineering at Spotify, the popular digital music service, where he led a team of 175 engineers, testers, and agile coaches for the company's mobile, desktop, and web platforms. He also served as a director of engineering for Adobe Systems for nearly a decade, where he built the company's first products using lean methodologies. Kevin has been building products, teams, and organizations using agile and lean methodologies since 2000. He earned degrees in applied mathematics and computer science from Carnegie Mellon University.

KEVIN GOLDSMITH, CHIEF TECHNOLOGY OFFICER

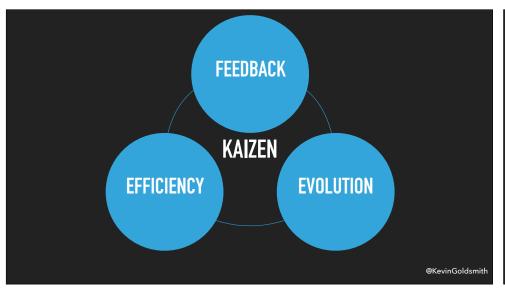
## BUILDING A CULTURE OF CONTINUOUS IMPROVEMENT

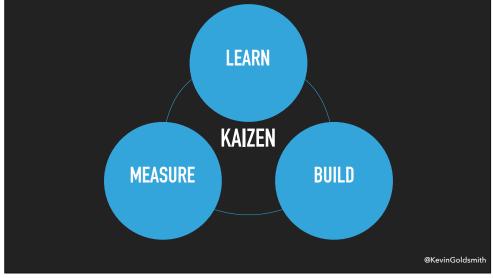
CONTINUOUS IMPROVEMENT

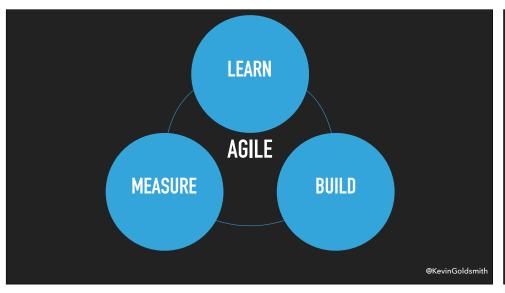
CONTINUOUS IMPROVEMENT IS AN ONGOING EFFORT TO IMPROVE PRODUCTS, SERVICES OR PROCESSES. THESE EFFORTS CAN SEEK "INCREMENTAL" IMPROVEMENT OVER TIME OR "BREAKTHROUGH" IMPROVEMENT ALL AT ONCE.

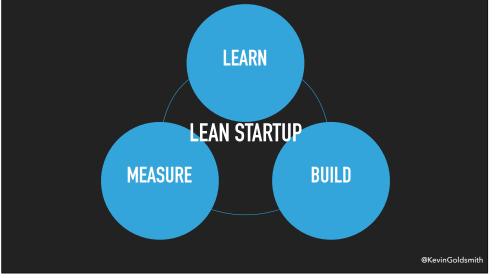
**American Society for Quality** 

# KAIZEN (改善) KAIZEN (改善) "GOOD CHANGE"









# WHAT DOES THIS LOOK LIKE AS CULTURE?

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NO STATUS QUO

NO "THAT'S HOW WE DO IT HERE"

CONTINUOUSLY ASKING "CAN WE DO THIS BETTER?"

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### A DELIBERATE CULTURE

#### **PEOPLE OVER PROCESS**

## HOW TO GET THERE?

**OUR JOURNEY AT AVVO** 

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#### CONTINUOUS IMPROVEMENT REQUIRES

- Transparency with clarity
- Objective Measurement
- Autonomy
- ▶ Team ownership of change
- Blameless team self-reflection



## WIGS/SWIGS

#### LDVNCDVDENICA MILIT CI VDILA

#### WIGS

- From Covey's Four Disciplines of Execution
- Wildly Important Goals
- ▶ Company-level Strategy
- Set by SLT yearly
- WIP-limited (currently 2)

TRANSPARENCY WITH CLARITY

#### SWIGS

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- ▶ sub-WIGs
- ▶ Tactical cross-functional, cross-team project
- Scoped to 1-2 Quarters
- Reviewed bi-quarterly
- WIP-limited (currently 4)



**DUHBS** 

DUHB(R)

Data

Understandings

Hypotheses

Bets

(Results)

OBJECTIVE MEASUREMENT

#### **INFLUENCES**

- Kaizen Card:
- ▶ Toyota A3 Problem-solving sheets
- Spotify DIBBs

OBJECTIVE MEASUREMENT

#### DUHB(R): DATA

- Incontrovertible
- Internal product or external industry data

OR IECTIVE MEASUREMEN

#### DUHB(R): UNDERSTANDINGS

- Interpretation of the data
- Must follow from the data
- Semi-incontrovertible

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OR JECTIVE MEASUREMENT

#### DUHB(R): HYPOTHESES

- Based on the Understandings
- ➤ Strategic interpretation of how to address the situation/problem outlined by the Data and Understandings
- Debatable

OR JECTIVE MEASUREMEN

#### DUHB(R): BETS

- ▶ Tactics to validate the strategic hypotheses
- ▶ Can be sequential or parallel
- Reasonably small scope
- Debatable

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#### OBJECTIVE MEASUREMENT

#### DUHB(R): RESULTS

- Documentation of the bets and their outcome
- Used for future reference and to inform future DUHBs

Title of your DUHB

[Title/Problem Statement]

Author:

[Key Stakeholders: Who has a say in this decision?

Decision to be made: Do this LAST. This is just to set context for the member, and should be worted as a say in this decision?

Decision to be made: Do this LAST. This is just to set context for the member, and should be worted as neutrally as possible. This is not the how (Bels) or the why (Pspotheses) of this DUHB.

DATA

Start with data, not the stance, wherever possible. To ensure this is easy for read through, include fields to images of graphs or tables and add saltest points have.

UNDERSTANDINGS

Based on the above data, what are your understanding? What insights or conclusions can you extract from the data?

HYPOTHESES

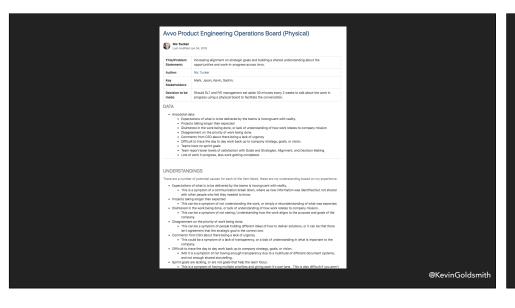
Given the understandings you've planned from the above data, what are your hypotheses? This does not have to be 1st. Your collection of understandings will result in a hypothesis or hypotheses. These can be possible or negative if you hypothesize that comething will or can improve, ask yourself if this is at the determent of acmeening else, and include it here.

BETS

What a the quickest way to begin to leat the above hypotheses? What experiment can we run body to minimize risk/leam mon? You must include an impact have, for example, by doing X, we expect Y impact, by lynhmil, Make sure to highlight any staffing and resource requirements for each Bet. For example, who will be pulling and including the mesules of the Bet(s)?

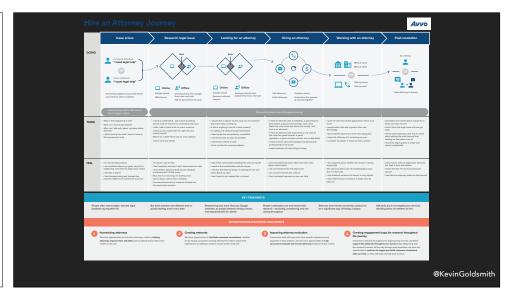
PESULTS

Once you have executed on the Bet(s) above, add the results here. If this leads to additional DUHB documents, include a link to those as well.



# AUTONOMY GIVE TEAMS ABILITY TO OWN THEIR IMPROVEMENTS





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#### **JOURNEY TEAMS**

- Focused on an external (or internal) customer journey
- ▶ Fully cross-functional, autonomous organization
- ▶ Can drive reasonably large efforts independently

ΔΙΙΤΟΝΟΜΥ

#### **JOURNEY TEAMS**

- Accountable to unique business metric
- ▶ Primary unit of organizational execution

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AUTONOMY

#### **JOURNEY TEAMS GOALS**

- Minimize execution bottlenecks
- Minimize coordination bottlenecks
- Minimize decision-making bottlenecks
- Maximize execution velocity

TEAM OWNERSHIP OF CHANGE IMPROVEMENT IS EVERYONE'S RESPONSIBILITY

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## **RFC PROCESS**

TEAM OWNERSHIP OF CHANGE

#### ORGANIZATIONAL CHANGE VIA RFC

- Someone in the organization identifies an issue
- ▶ That person creates a DUHB outlining the problem and proposed bets to mitigate
- ▶ The organization leadership team approves the DUHB
- A cross-functional working group is assembled
- ▶ The working group puts together a document outlining mitigation of organizational issue

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TEAM OWNERSHIP OF CHANGE

#### **ORGANIZATIONAL CHANGE VIA RFC**

- ▶ The working group presents the plan and document to the larger organization as an RFC
- ▶ People from the organization add comments / questions / request for clarifications to the document
- ▶ The working group iterates on the document and repeats with the larger organization until reasonable consensus around plan is reached

D C T 100% ▼ Normal text ▼ Arial ▼ 11 ▼ B I U A ▼ GD E E E E E I I = T

EDW Naming Standards RFC 🔯 🚓

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TEAM OWNERSHIP OF CHANGE

#### **ORGANIZATIONAL CHANGE VIA RFC**

- ➤ Working group owns rollout of change
- ▶ Long-term support for the change is part of the RFC

BLAMELESS ORGANIZATIONAL SELF-REFLECTION

YOU CAN'T IMPROVE WHAT YOU DON'T EXAMINE

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## RETROSPECTIVES EVERYWHERE

BLAMELESS ORGANIZATIONAL SELF-REFLECTION

#### **RETROSPECTIVES EVERYWHERE**

▶ Building a practice of having retrospectives beyond the agile ceremony cycle and focus.

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"WHEN IS THE RETROSPECTIVE?"

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BLAMELESS ORGANIZATIONAL SELF-REFLECTION

#### ASK

- ▶ What went well?
- What didn't go well'
- What will we do again?
- What will we do differently?
- What concrete actions will we take from this for future projects?

#### BLAMELESS ORGANIZATIONAL SELF-REFLECTION

#### **ASK**

- ▶ What went well?
- What didn't go well?
- What will we do again'
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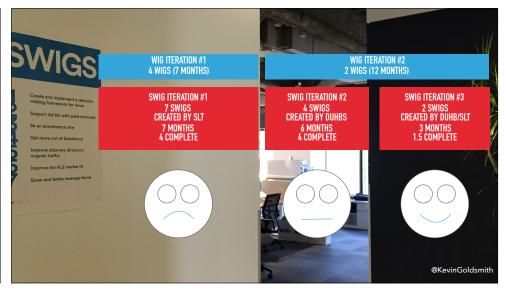
BLAMELESS ORGANIZATIONAL SELE-REFLECTION

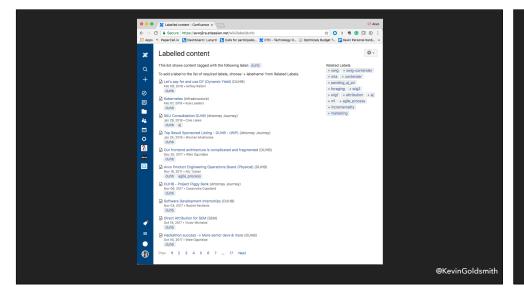
#### **COLLECT THE LESSONS**

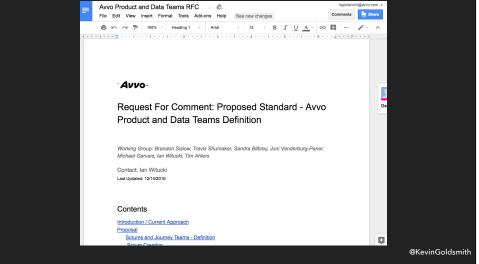
▶ Central repository for retrospective notes. Make it easy to find the lessons.

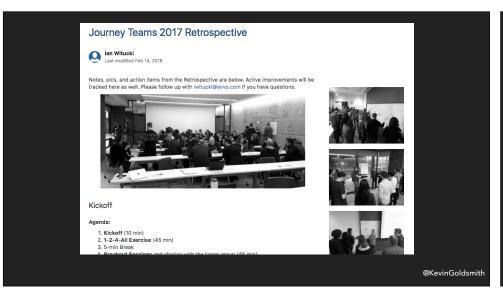
@KevinGoldsmith

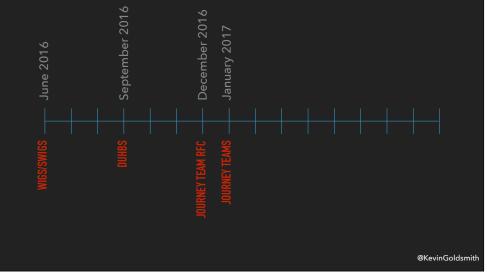
# SO, HOW DID IT REALLY WORK?

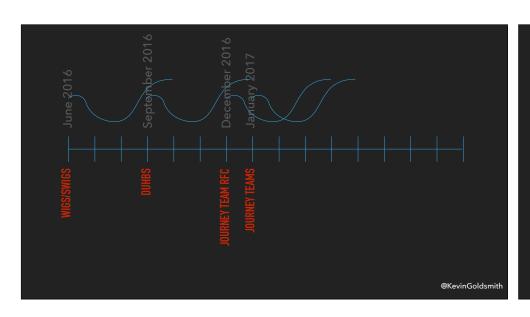












#### WITH

- Clear priorities
- Metrics-driven, autonomous, teams
- Data-driven decision making
- Organizational ownership of organizational change
- A practice of retrospectives
- An archive of lessons



QUESTIONS?-

## I WOULD LOVE YOUR FEEDBACK! HTTP://BIT.LY/AVVOCULTURE