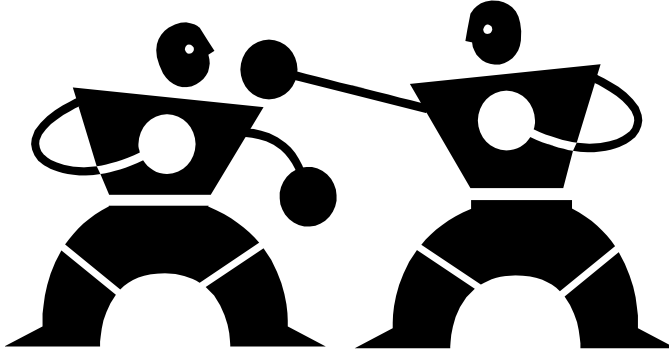


# Scrum Vs Kanban



**Douglas Shimp**  
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Great another word that creates a  
blank spot in my mind. I thought  
TLAs were bad.

Scrum Kanban

How about ... Scrum-Kanban?  
Or

**SKAL#**

## Agenda

- ▲ History Warm Up
- ▲ An overview of Scrum
- ▲ An overview of Kanban
- ▲ Stacking them side by side
- ▲ The Power of Index Card Systems & Task Orientation
- ▲ Can one reduce or evolve from one to the other?
- ▲ Why do we repeat ourselves so often?

## About 3Back...



- ▲ Formed 2004, offices Midwest USA, worked world-wide
- ▲ Our goal is building better products and better places to work
- ▲ Applied in our business and applied for our clients

### 3Back Service & Course Offerings

- |                                       |   |
|---------------------------------------|---|
| • Certified ScrumMaster               | • Certified Scrum Product Owner             |
| • Applied Agile Pathways              | • Scrum Bookends (Planning and Review)      |
| • Transition at Scale for Multi Teams | • Agile Distributed Teams                   |
| • Product Development for Leadership  | • Strategic Planning & Facilitation         |
| • Working Effectively w/ Use Cases    | • Trained Facilitators for Innovation Games |

## Battle of Empirical Light Weights

### Will Kanban replace Scrum?

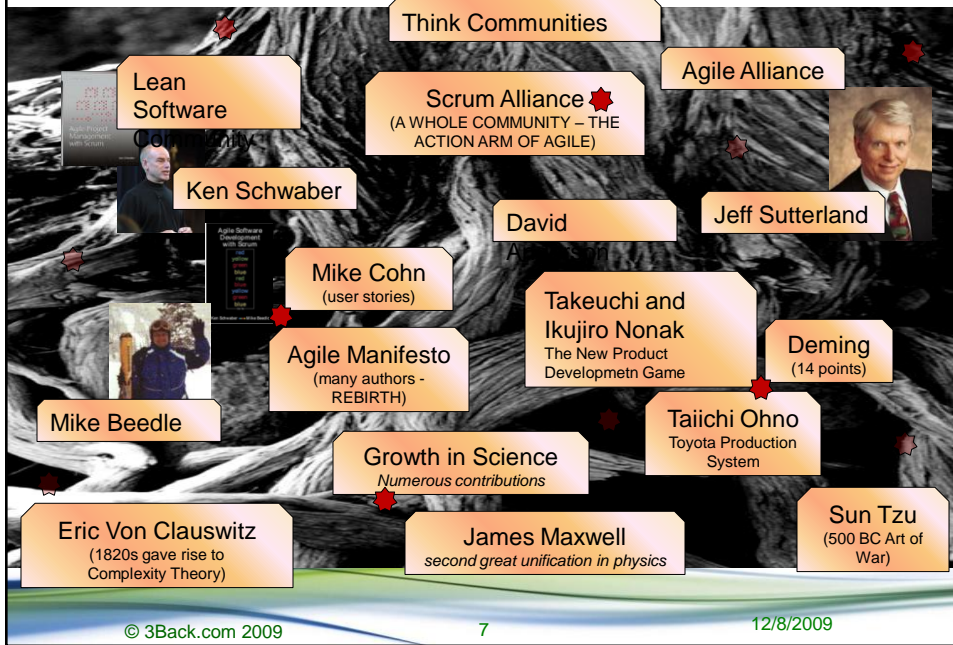
#### Choose

1. No way, they are opposites: Kanban is for **flow** / Scrum **batch**
2. Yes, Scrum is old school big planning and masks problems
3. Yes, Kanban minimal planning / Scrum is heavy planning
4. No, Scrum can reduce to Kanban
5. No, they are simple different
  - ▲ Kanban measures **cycle time** ... Scrum measures **velocity**
  - ▲ ... and a few more... but that is enough to start a heated discussion ☺

## History of Agile / Scrum

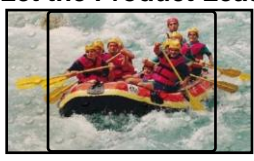
- 2002** ▲ Agile Alliance was born. A couple of years later the Scrum Alliance. Now the Lean Software etc.
- 2001** ▲ Agile took a significant step into the lime light, when the Agile Manifesto was signed.
- 1990's** ▲ Agile matured it's applied principles, practices and understanding, especially in complex software development.
- Much Earlier** ▲ Agile concepts, thoughts and thinking can trace many roots back to complexity theory, new product development and war theories, as early as 1800's.

# Agile Has Team Roots



# Balance Points Agile Attractors

## Let the Product Lead



My number one reason for failure!

## Keep it Visible



"...signals pass through brain areas like progressive waves, back and forth.." – 70% Visual Processing

## One Bite at a Time

- Classic mistake and I still make it all the time



## Get to "Done"

- "Start with the end in mind."  
- attitude



## Be empirical

Don't take our word for it!



Leverage Social Intelligence

**3BACK** **Scrum Terms / Framework**

- ▲ **Roles**
  - ▲ ScrumMaster
  - ▲ Team
  - ▲ Product Owner
- ▲ **Times Boxes**
  1. Release Planning Meeting
  2. Sprint Planning Meeting
  3. Sprint
  4. Daily Scrum
  5. Sprint Review
  6. Sprint Retrospective
- ▲ **Artifacts**
  - ▲ Product Backlog
  - ▲ Sprint Backlog
  - ▲ Sprint Burndown
  - ▲ Release Burndown
- ▲ **Rules bind the model together**

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**3BACK** **The Backlog**

- ▲ **Two Kinds of Backlogs**
- ▲ **Sprint Backlog**
- ▲ **Product Backlog**
- ▲ **We can make this much more structured.**

12/8/2009      10      © 3Back.com 2009

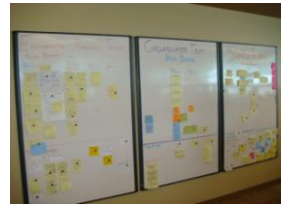
# Backlogs On A Wall

## Two Kinds of Backlogs

### Sprint Backlog



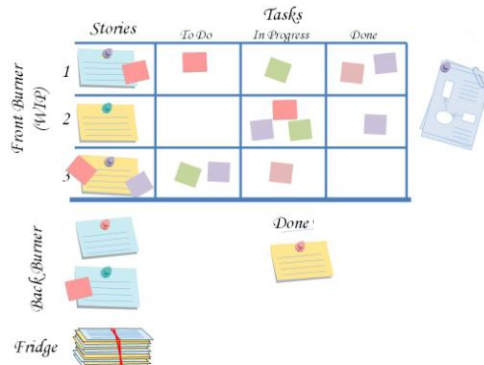
### Product Backlog



We can make this much more structured.

# Kanban

- Set limits for work in progress
- Demonstrate every few weeks
- Reflect every few weeks
- Synchronize the team every day
- Evaluation cycles, not development time-boxes
- Measure performance in cycle time

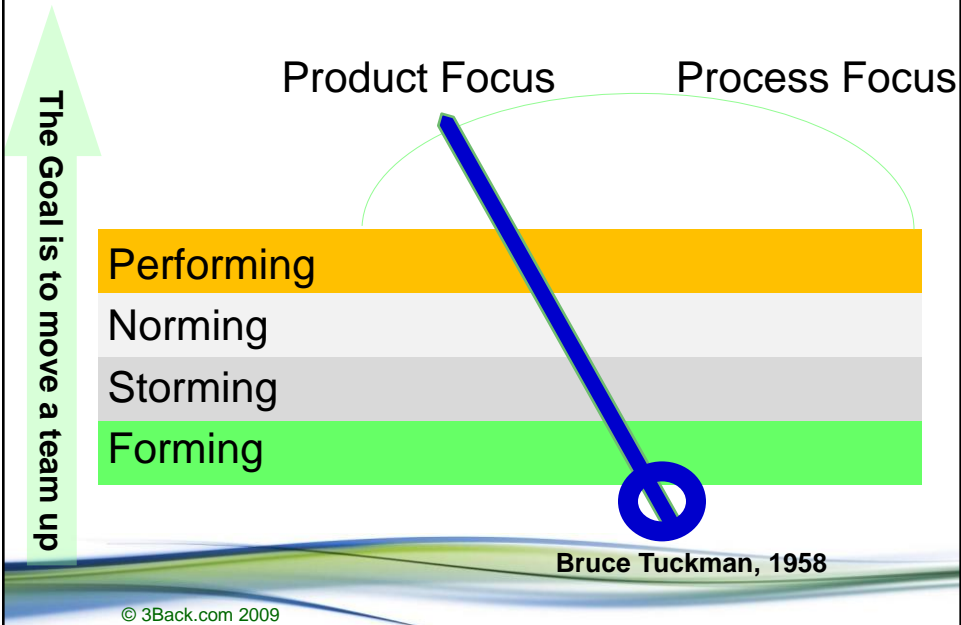


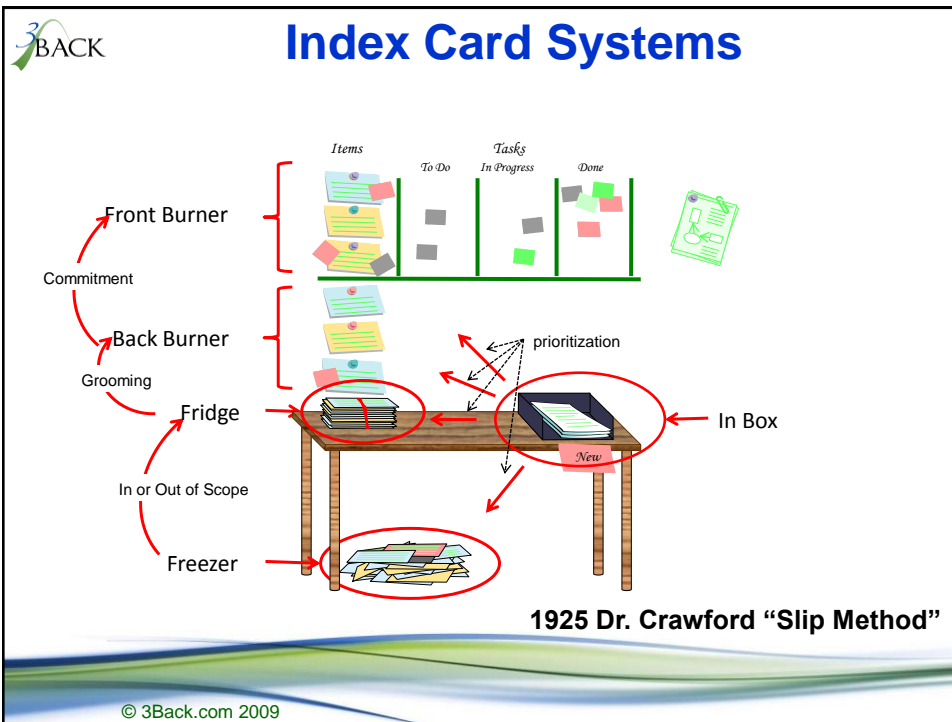
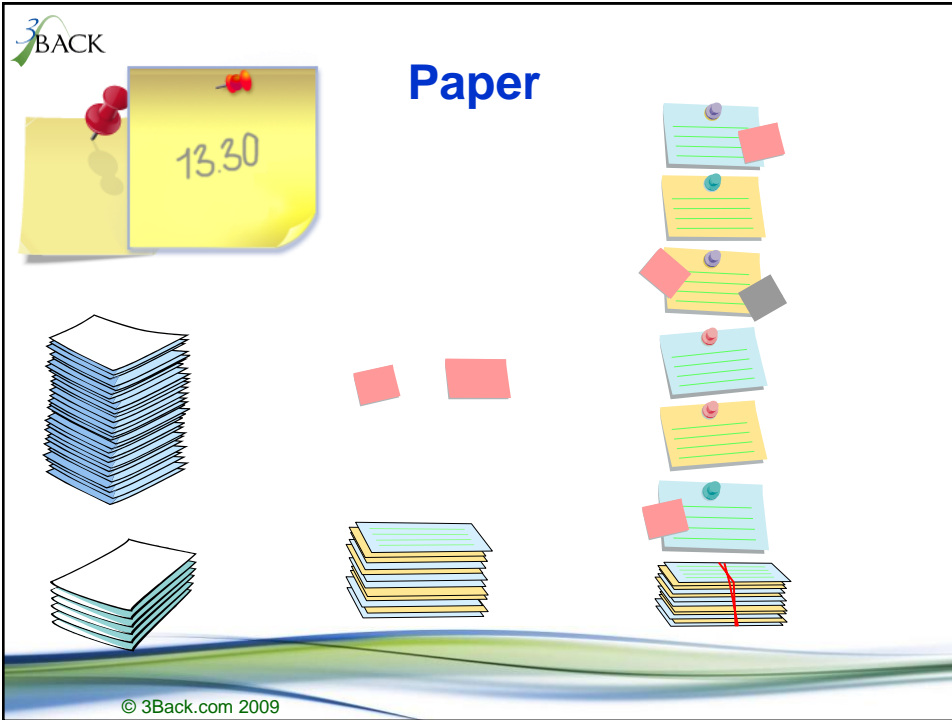
## Backlogs On a Wall



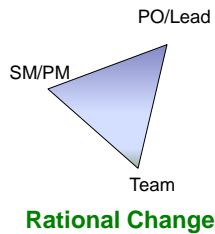
Done

## Increase Task Orientation

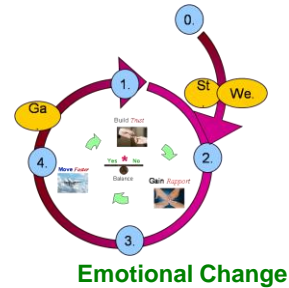




## Applied Agile Is Hard!



Changing our Habits, Behaviors and Ingrained Perceptions!



## Simple Empirical Framework to Use!

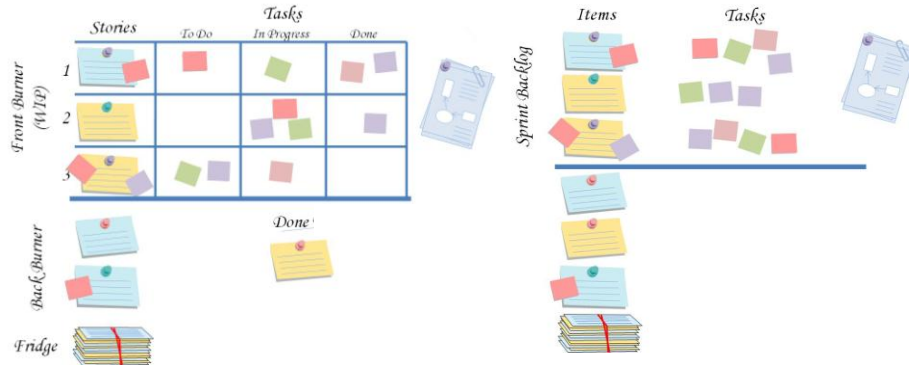
## Good Agile Process = Framework

### Agile's Big Rule:

- ▲ The team will adapt its processes to realities they encounter and improve their abilities to deliver quality product, within organizational constraints.
- ▲ Applied well, has both descriptive and prescriptive elements
  - ▲ **Descriptive:** observations we can expect as we mature
  - ▲ **Prescriptive:** telling us how to get started and balance

This distinction is useful, subtle and can form a trap!  
Think "agile pathways" and well formed team.

## Can Scrum Become Kanban?



**Beware the process that does not contain the seeds of it's own evaluation!**

## Why We Repeat

Organizations continuously create new knowledge by reconstructing existing frameworks, perspectives, or premises on a day-to-day basis. .... unrealistic assumptions about the existence of a “right” answer.  
 – Nonaka 1994 “Knowledge Creation”



## Closing

It's about **humanizing** the process  
in pursuit of **building** a product.

- Which ever framework we choose.
- We are all in this together.
  - Let's make it sane for each other.

## Any Questions?



# Websites

Scrum Channel Live

<http://livestream/scrum>



Doug Shimp

<http://doug-shimp.net>



[http://twitter.com/scrum\\_coach](http://twitter.com/scrum_coach)



<http://advancedtopicsinscrum.com>



# Thank You