



**RALLY**

**S O F T W A R E**

**The Next Bottleneck**













**AGILE**





$$K = \frac{1}{2} M v^2 + \frac{1}{2} I \omega^2.$$

$$K = \frac{1}{2} M R^2 \omega^2 + \frac{1}{2} I v^2 \\ = \frac{1}{2} (M R^2 + I) \omega^2.$$

$$K = M G H.$$

$$\frac{1}{2} (M R^2 + I) \omega^2 = M G H$$

$$v = R \omega = R \sqrt{\frac{2 M G H}{M R^2 + I}}$$

ROTATION





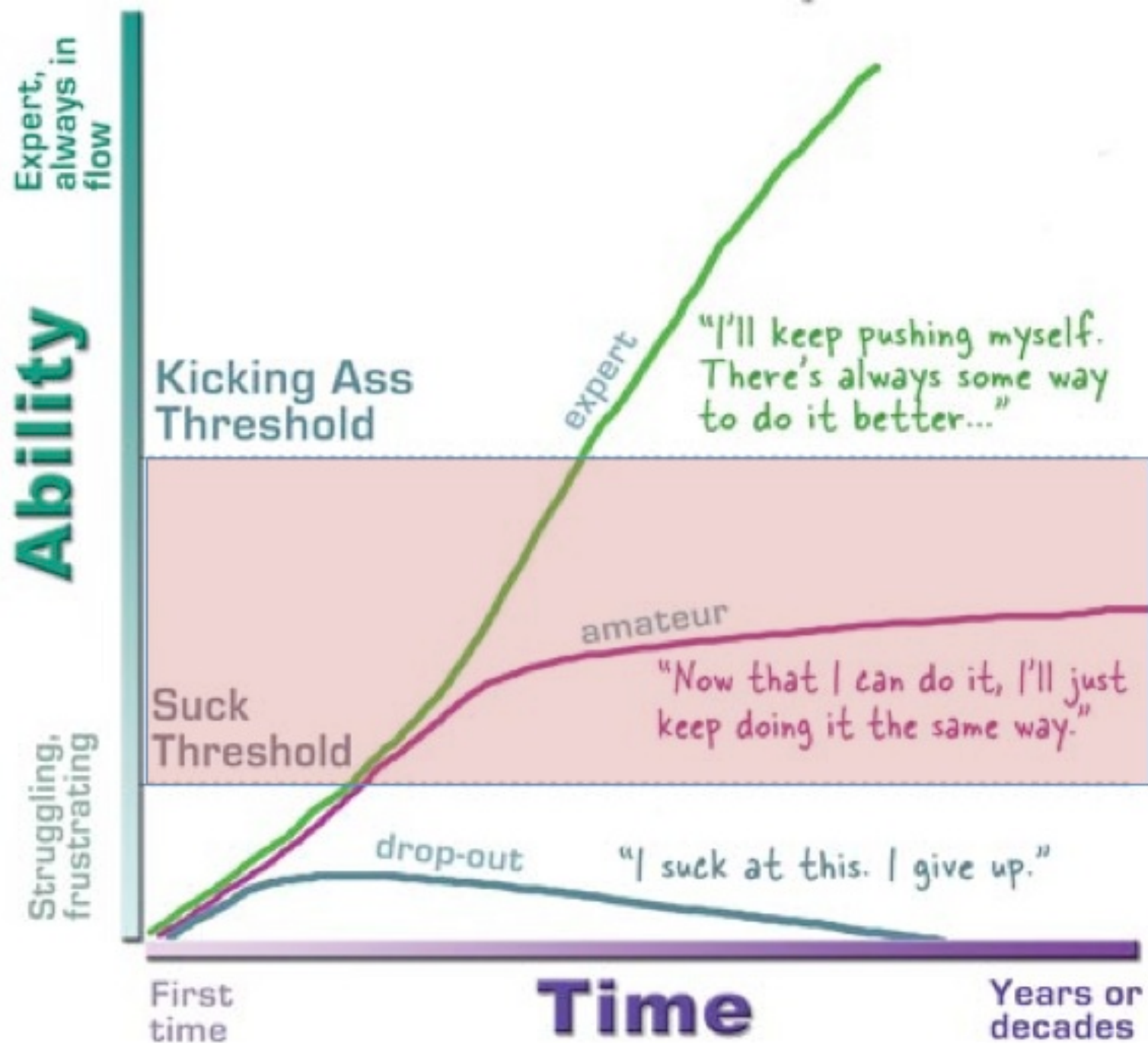


# **Agile All-Stars!**





**Not too  
Bad!**

















**This Way  
To  
Systems  
Thinking**



**Think** bigger  
**About Your Agile**







# 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.

iterations  
automation  
stories  
velocity  
pairing  
Review  
Agile  
FDD  
planning  
YAGNI  
TDD  
Lean  
Release  
standup  
sprints  
Demo  
Kanban  
XP  
Retrospective  
metaphor  
Crystal  
Scrum  
DSBM

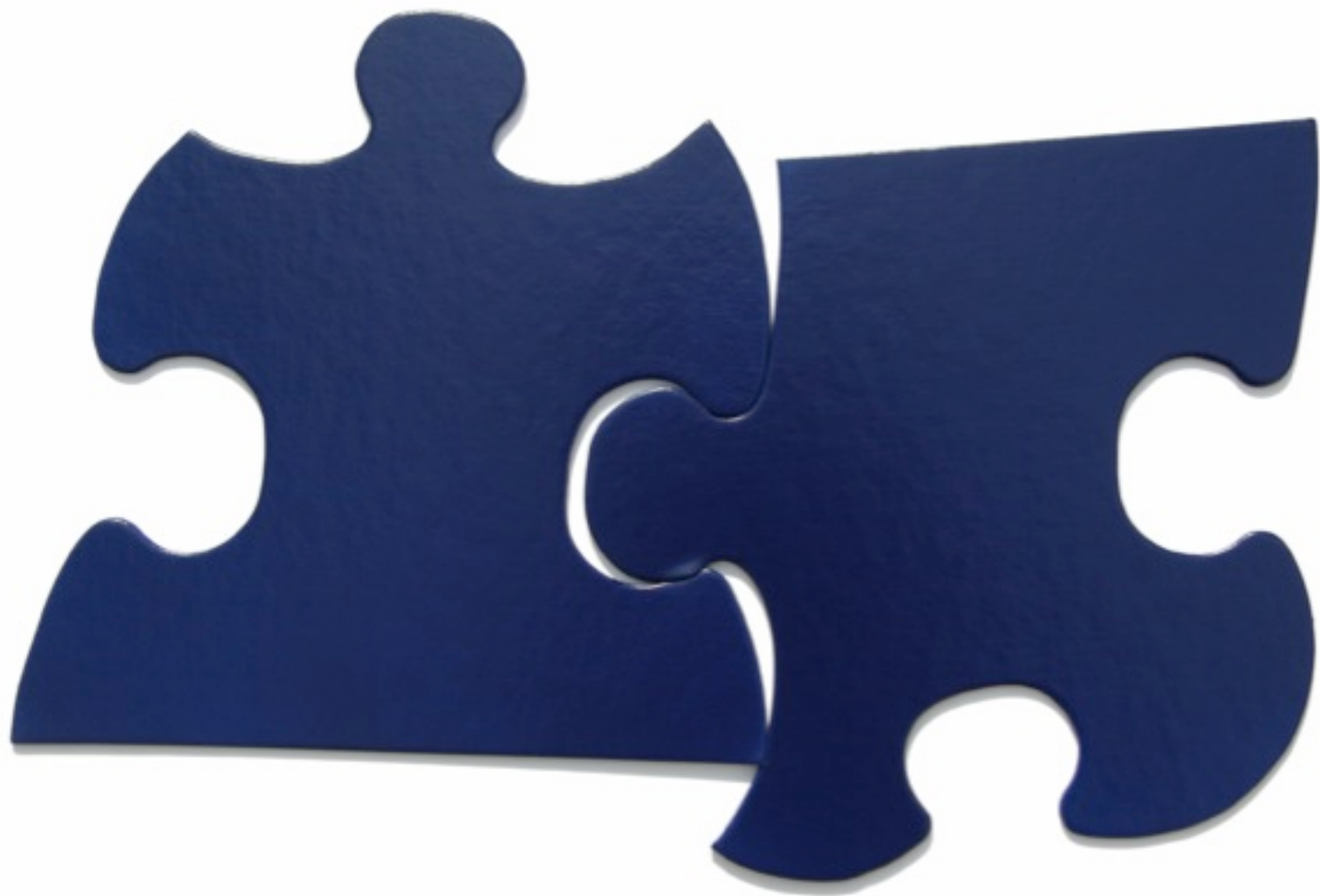














**“Unintended  
Consequences”**

# **“Tragedy of Commons”**



# **“Shifting the Burden”**



**“Escalation”**



# **“Fixes that Fail”**









**Change  
is  
Hard**





Name: Rusty's Project  
Date: 2/7/2008  
COD: Multiple Trauma











# CALL<sup>TO</sup> ACTION



Look around your team, your organization

Search for: **“Escalation”, Fixes that Fail”,**  
**“Unintended Consequences”, or “Tragedy of**  
**Commons”?**

Create an **ACTION PLAN** for **exposing and addressing**  
**these** systems archetypes as you adopt Agile

Keep checking back on **the system** and how it responds

**Thank You!**

