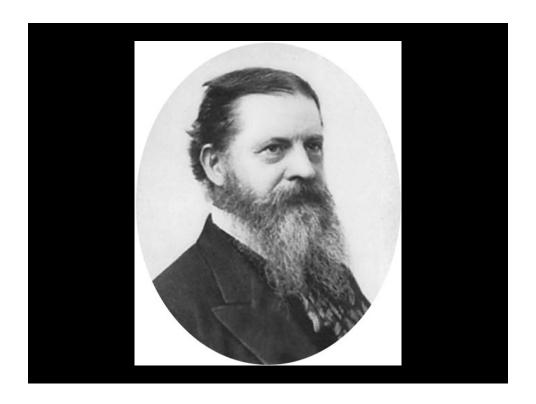


A Tale of Two People

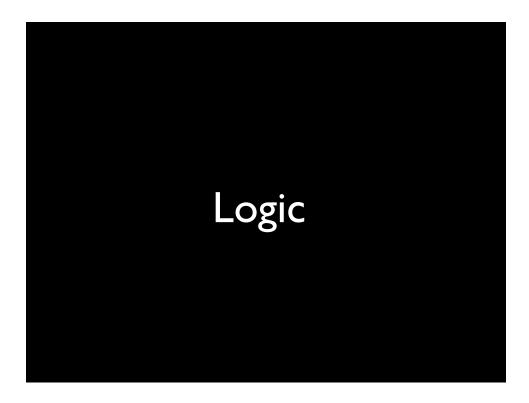






Charles Sanders Peirce







Dead or alive?

"Chance, Love, and Logic"

And I should care about this why?

"The sole rule of reason is that, to learn, one needs to desire to learn, and desire it without resting satisfied with that which one is inclined to think."

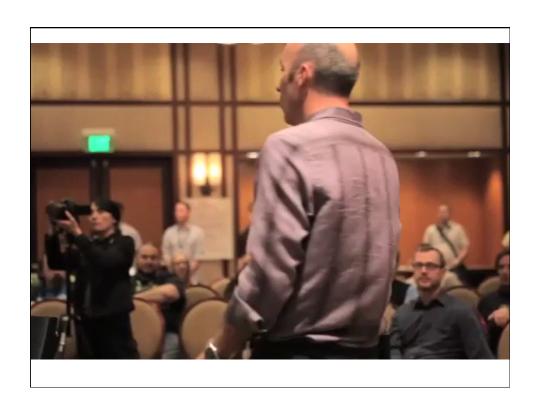
"In other words. The first rule is 'To wonder.'"

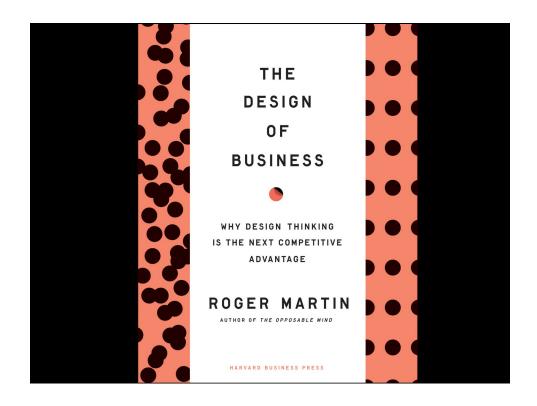
We must scale what we do with empathy

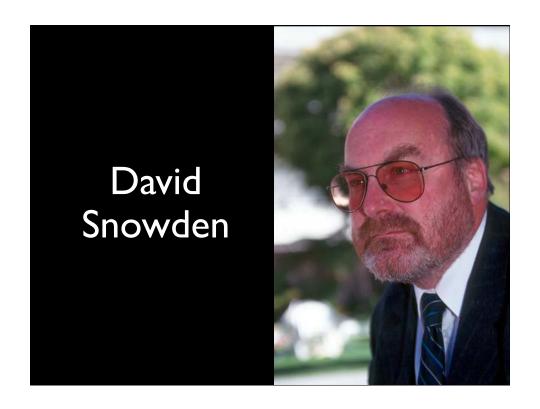
George Kembel

d.school, Stanford University









"It is not possible to prove any new thought, concept or idea in advance."

Charles Sanders Peirce

Four barriers to inquiry:

I. Assertion of absolute certainty

2. Maintaining that something is absolutely unknowable

3. Maintaining that something is absolutely inexplicable because it is absolutely basic

4. Holding that perfect exactitude is possible...

...especially such as to quite preclude unusual and anomalous phenomena

An Agile Adoption Story









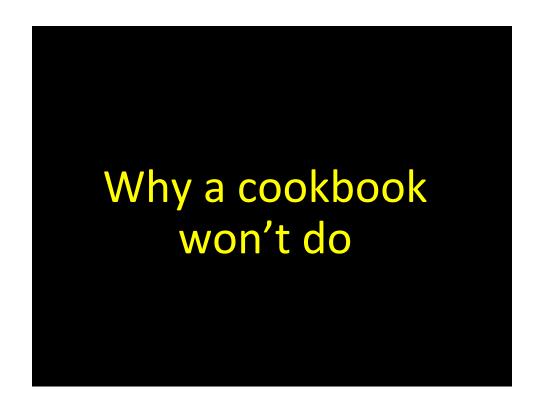






We created an algorithm we could execute/exploit







Lack of exploration, lack of empathy and lack of innovation





"It is not possible to prove any new thought, concept or idea in advance."

Charles Sanders Pierce

We live in a world that is complex AND craving innovation

We must embrace vision with hunches, with exploration and execution

We must leverage emergence, bring empathy, and invite "the wildly unexpected"



Don't latch onto one set of Agile practices

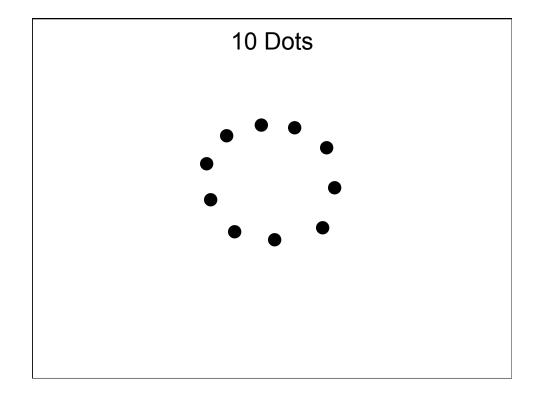
Invite emergence of Agile practices and of customer value

Delight in the innovation your empathy brings to your customers



Thrive versus merely survive





Our world of complexity

We can't afford to latch onto recipes of...

Order

Algorithm

Control

How design thinking and complexity theory help blow things up

"What you predict doesn't come true."

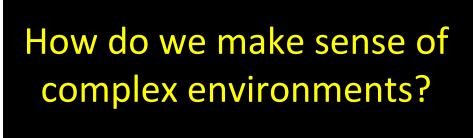
"What worked yesterday, doesn't seem to be working today."

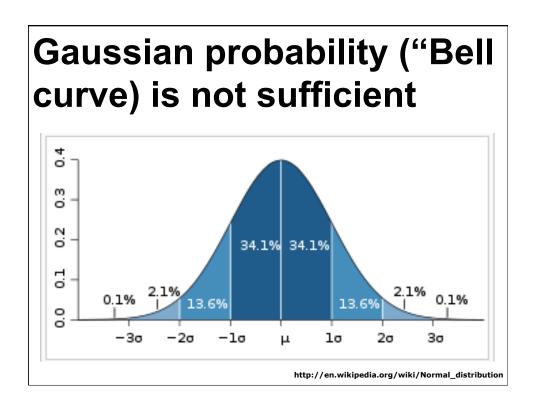
"What you don't know is unknown."

Analysis and induction alone cannot manage complexity

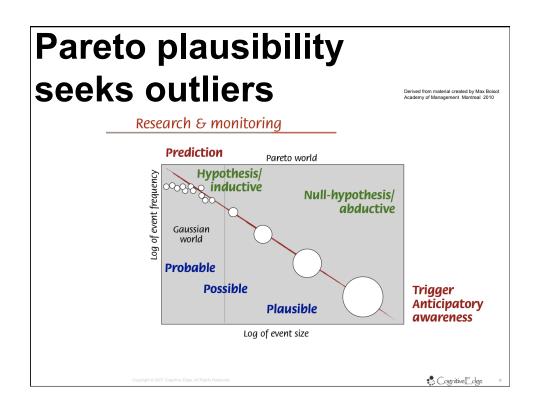
We must invite abductive logic: multiple possible explanations

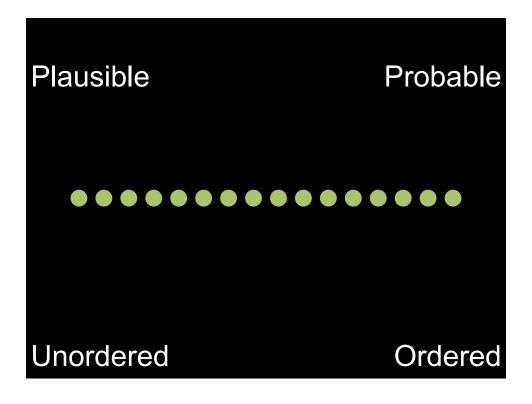
We **must** invite mystery to allow innovative patterns to emerge



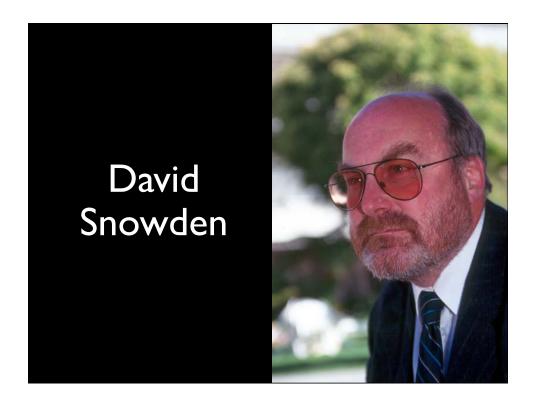


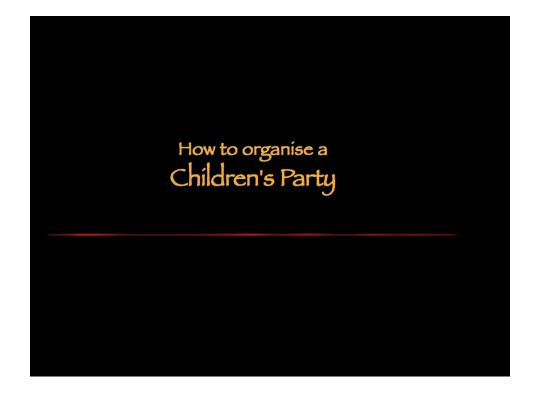
We cannot see the **low** probability, **high** impact events...the outliers

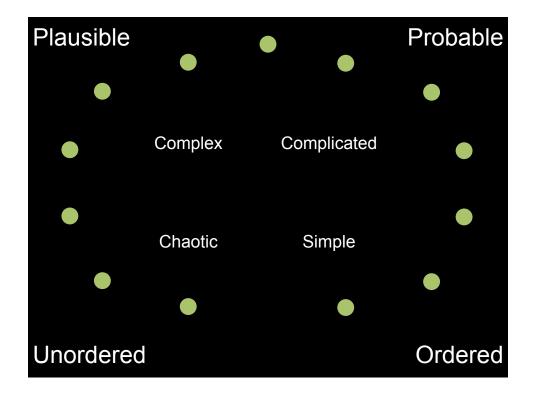




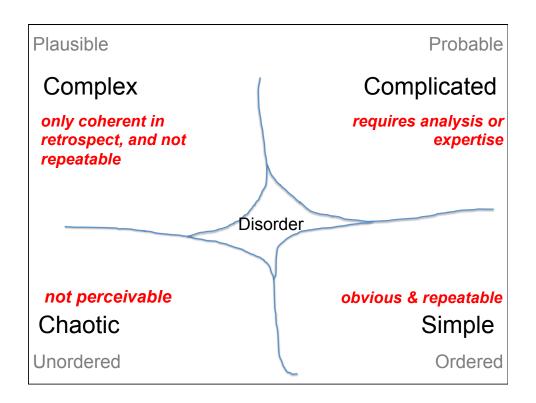


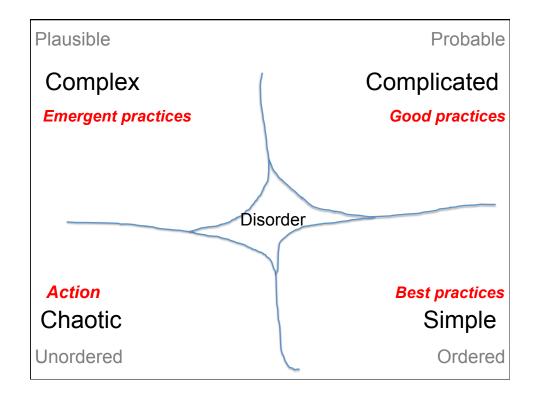






The relationship between cause and effect reveals a system's complexity and appropriate actions



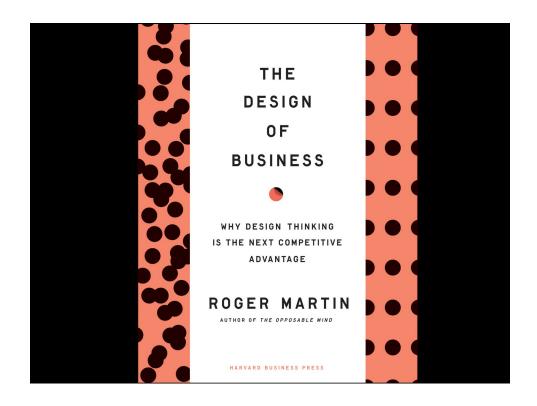


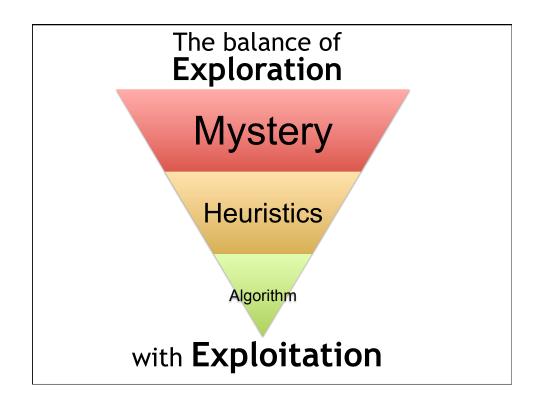


Resilience vs Robustness

Effectiveness vs Efficiency







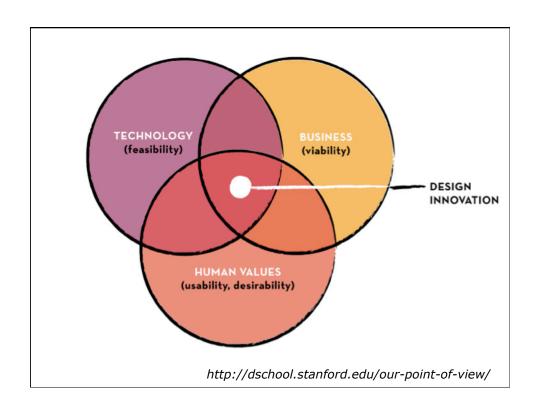
In business, we must balance searching and shipping

George Kembel

d.school, Stanford University

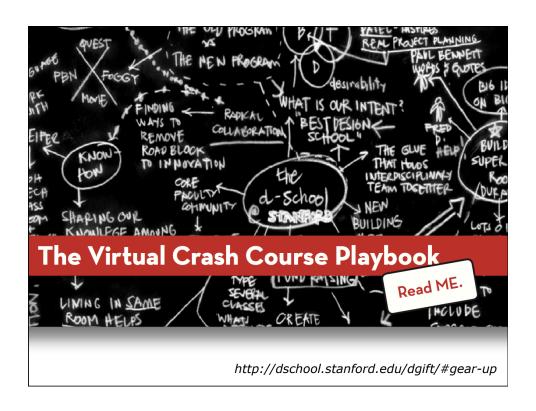


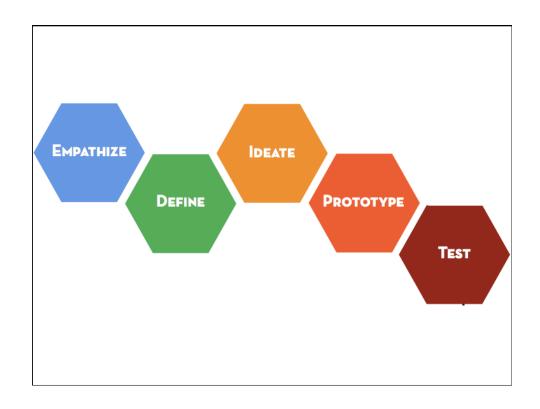
Bring empathy and wonder into your mystery and hunchews

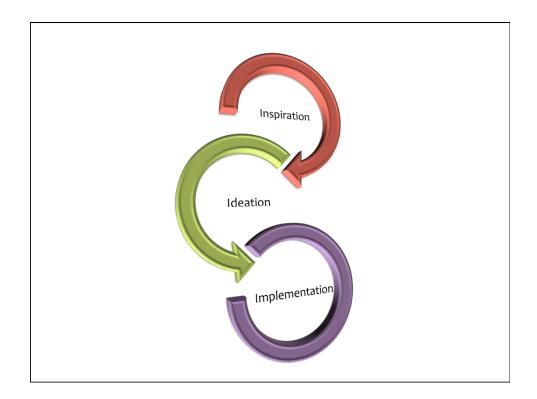


George Kembel on designing an MRI machine

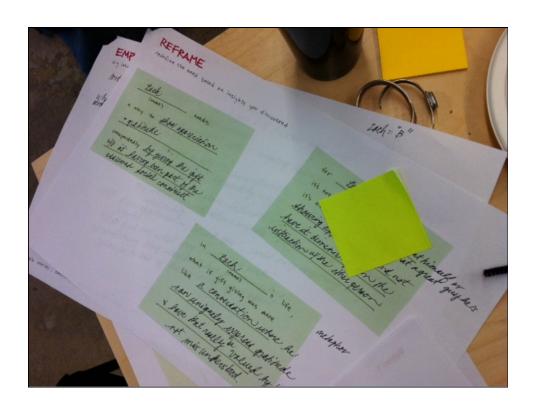


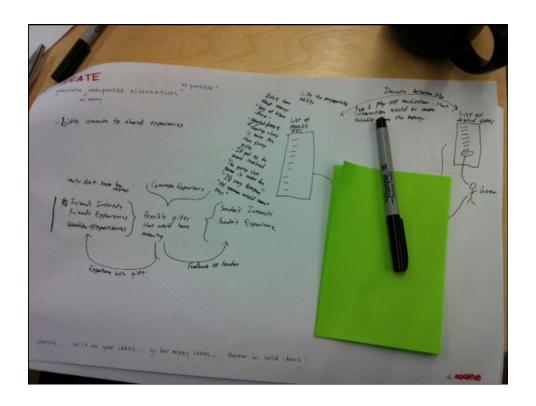






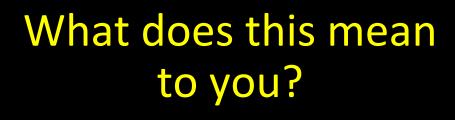
Low fidelity prototypes







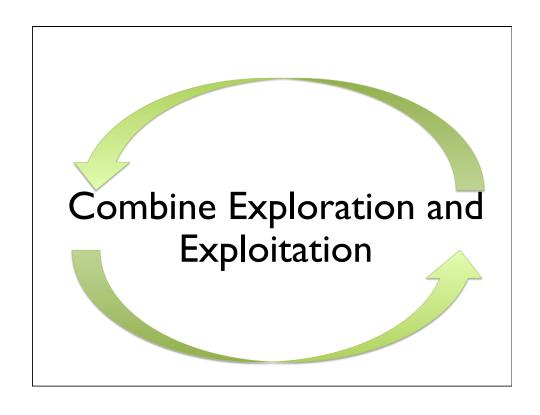


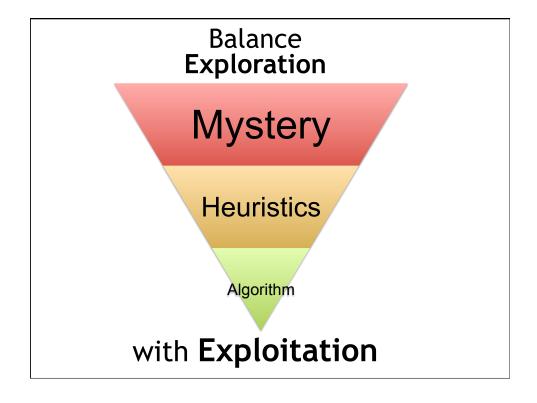


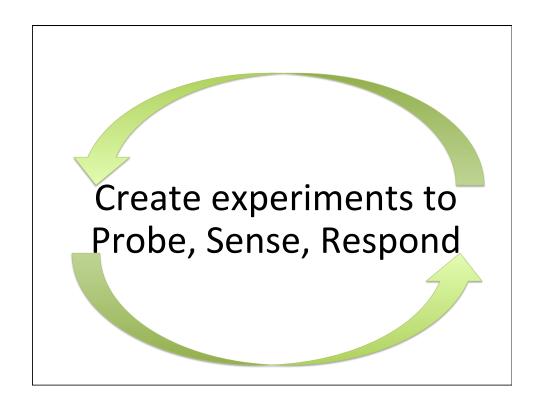
We cannot scale our great work without these disciplines

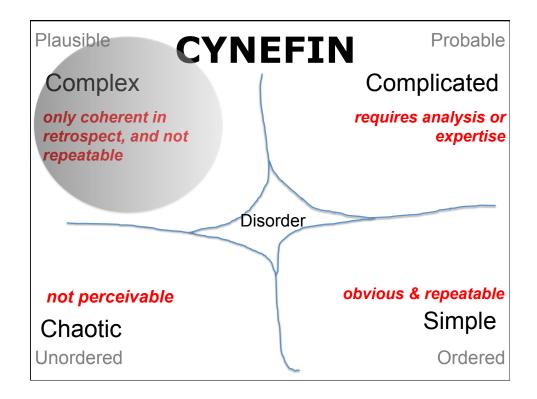


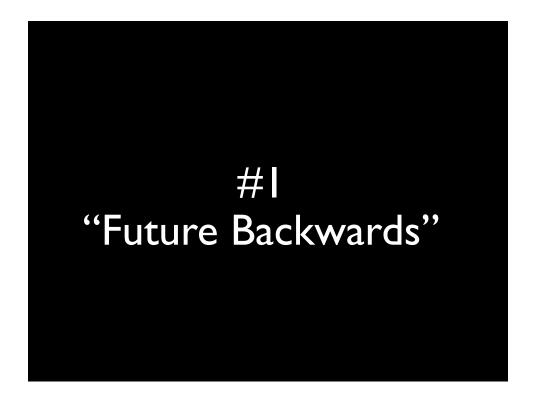
Explore Empathize Innovate











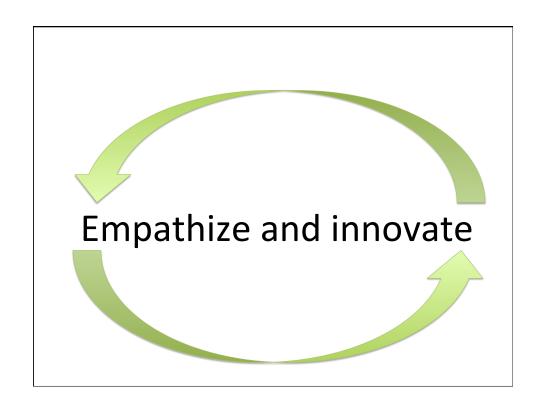
The Future, Backwards

- 6 Current State (CS)
- Turning points backwards from CS
- 6 Heaven
- ₫ Hal
- Turning points backwards from heaven
- Turning points backwards from hell
- Accidents on hell or heaven pathway

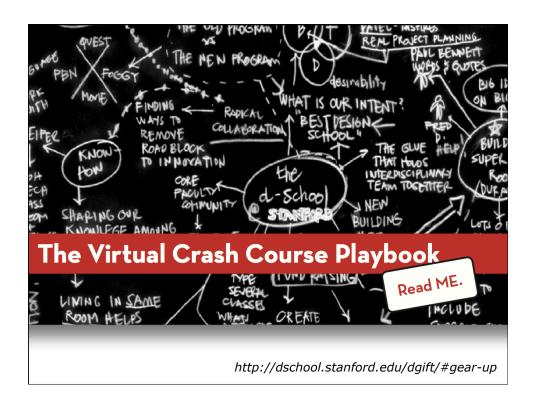
More restricted case

- Current state
- Turning points backwards from CS, heaven and hell
- 6 Heaven & Hell (marked)
- Accidents





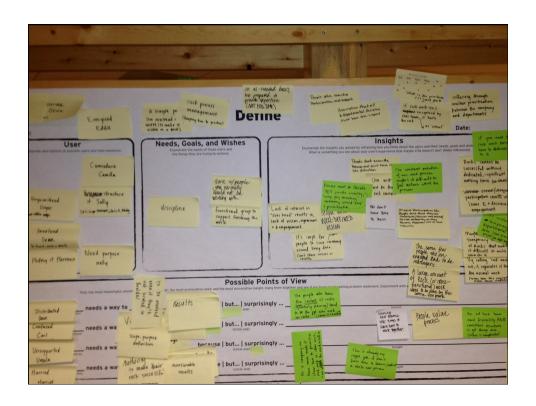


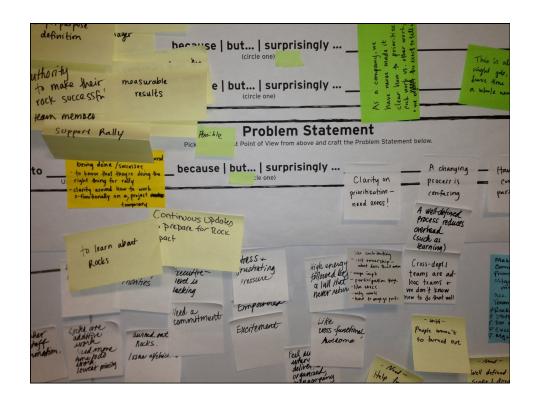












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"Seek the wildly unexpected"





