



Tutorial

Practical Kanban

Karl Scotland **agile coach**

- 15 years of experience covering development, project management, team leadership, coaching and training.
- Successfully applying Agile methods for the last 10 years.
- Championed Agile and Lean Thinking with the BBC, Yahoo! and EMC Consulting.
- Founding member of the Lean Software and Systems Consortium and the Limited WIP Society.

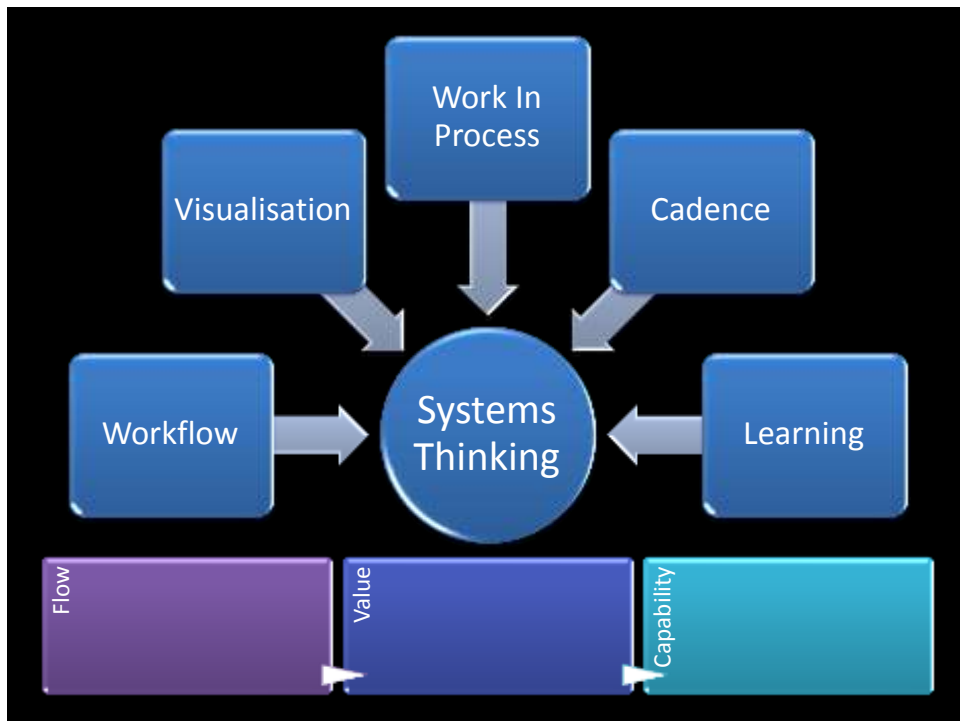


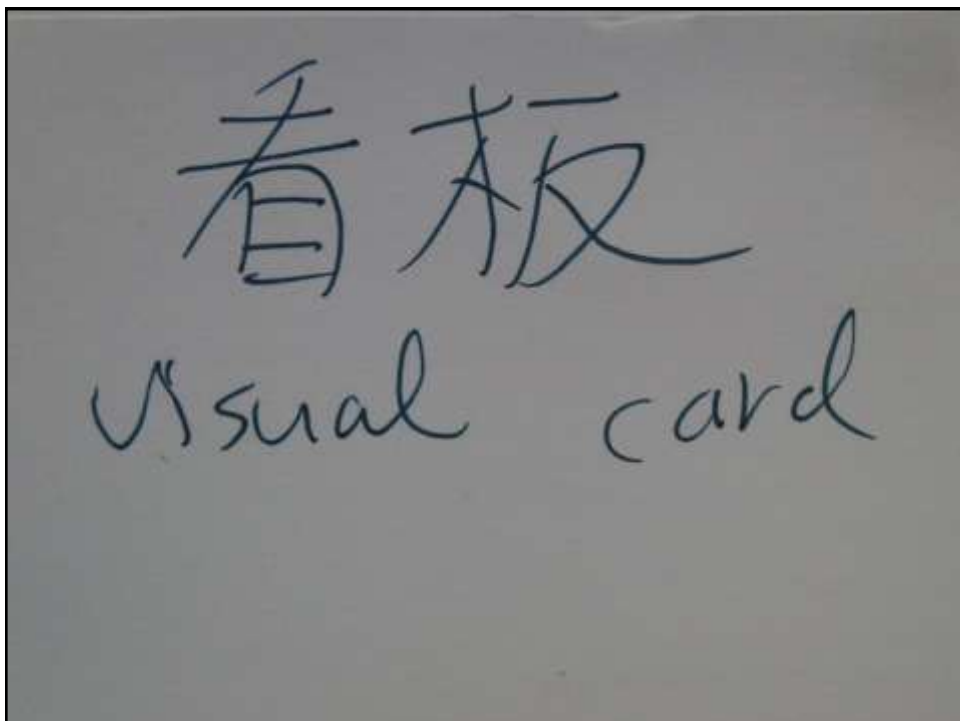
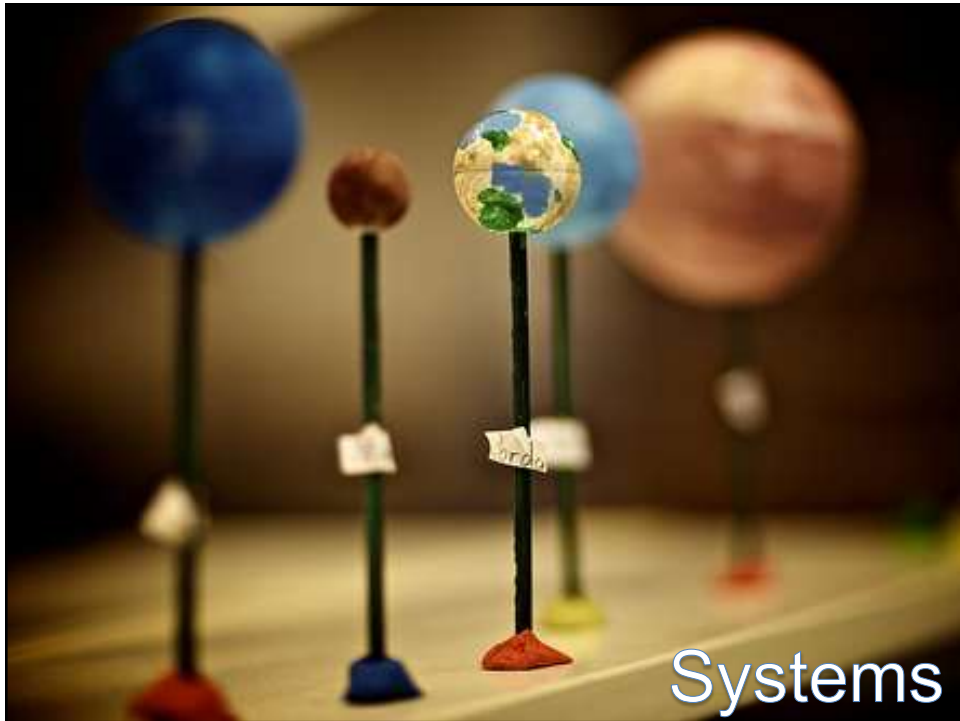
kscotland@rallydev.com



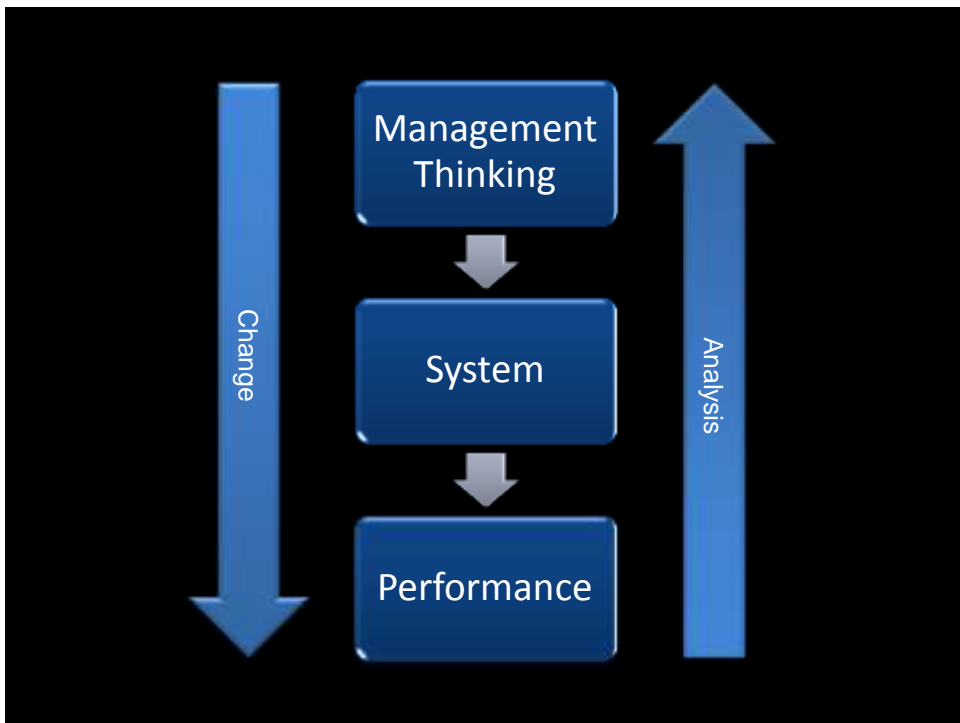
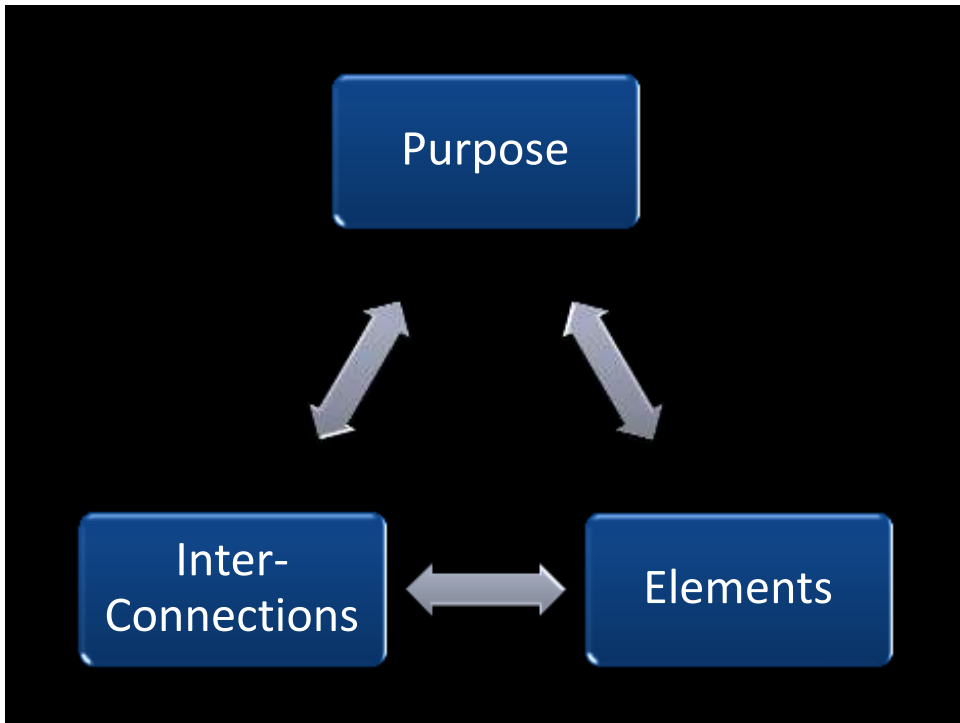
WHY KANBAN?

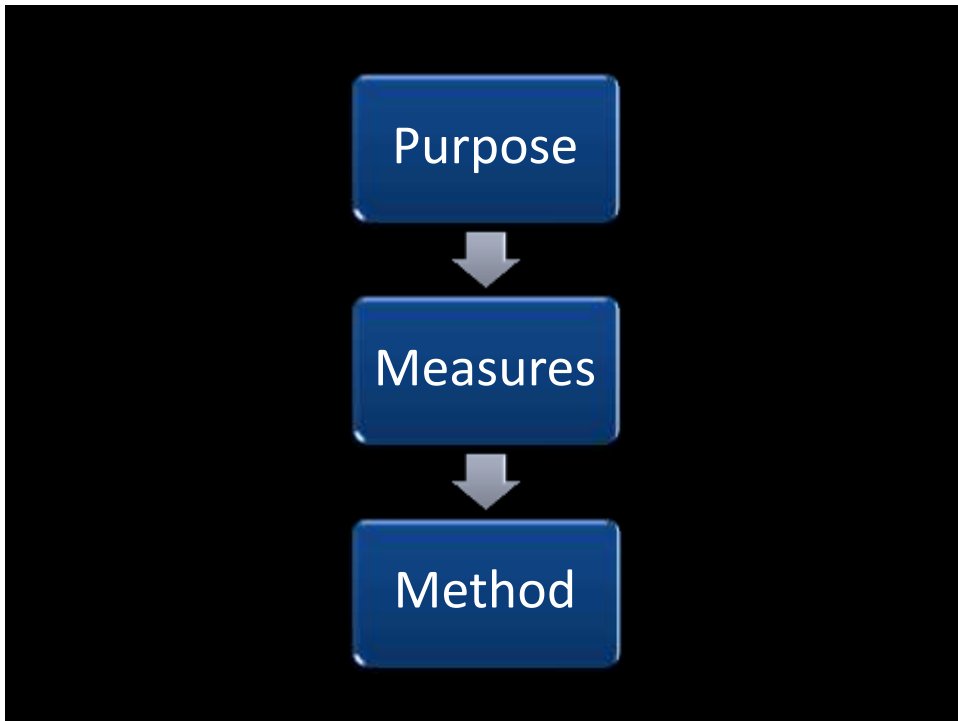
What are the challenges you are facing in your context?





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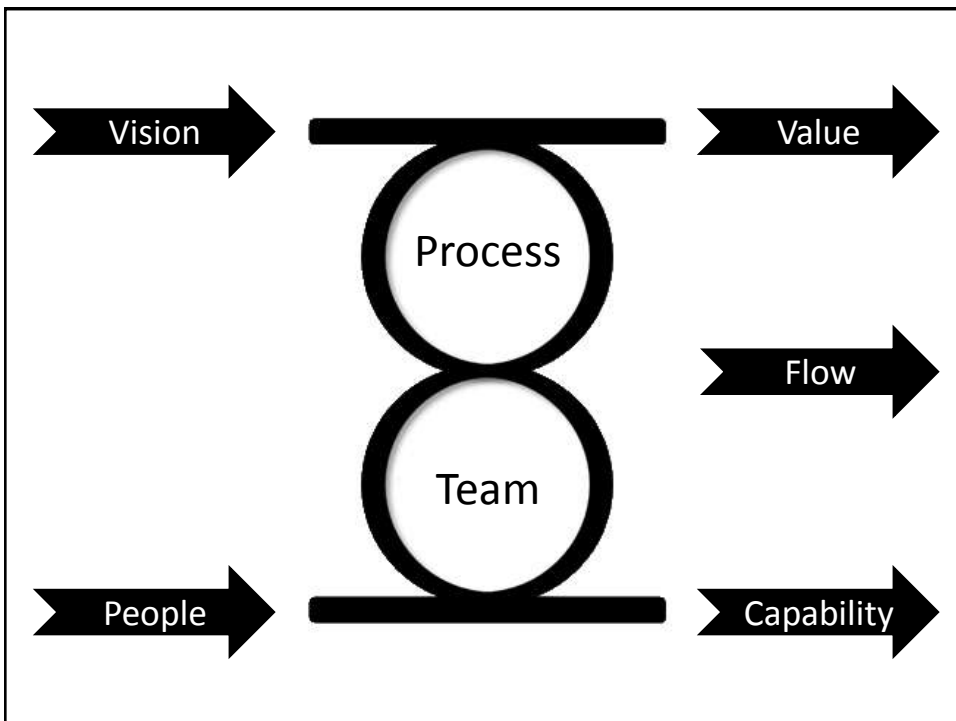


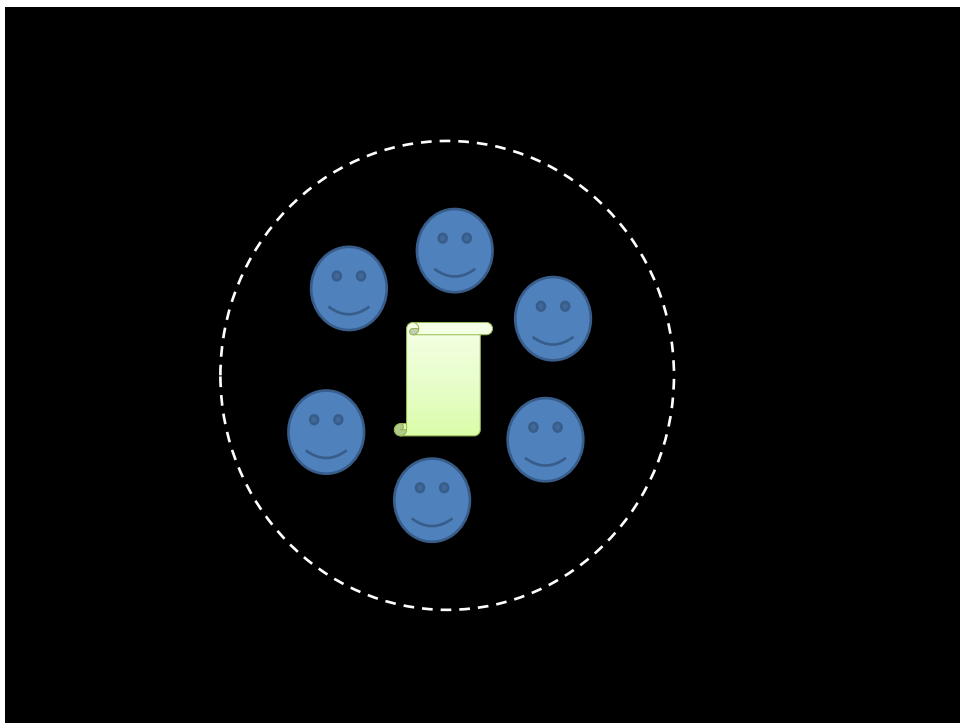
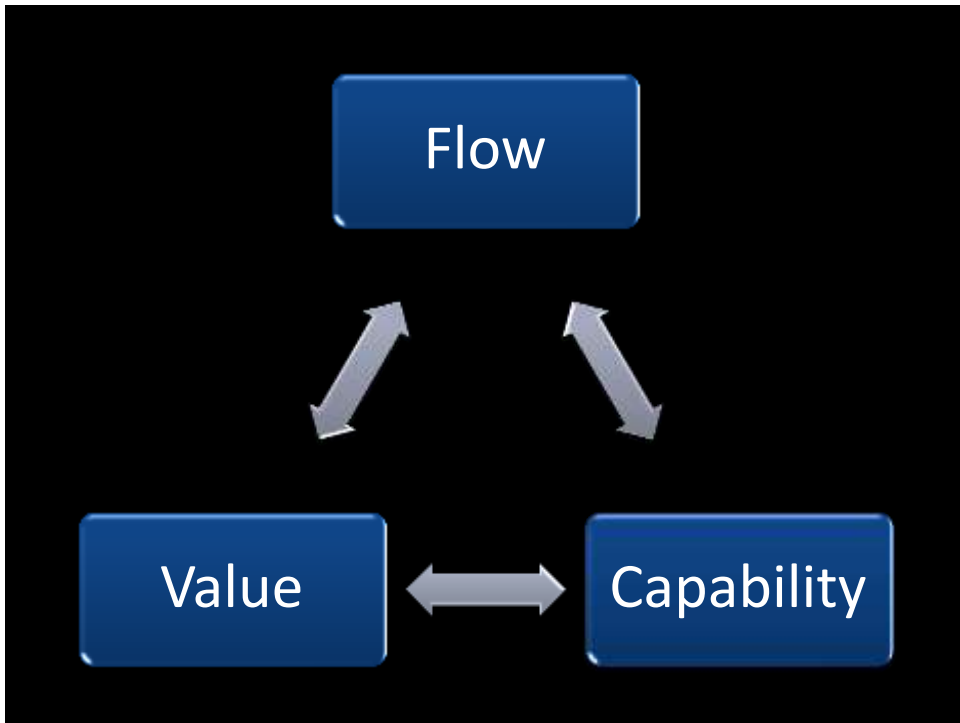
YOUR **PURPOSE**

What is the
purpose of your
organisation and
your process?



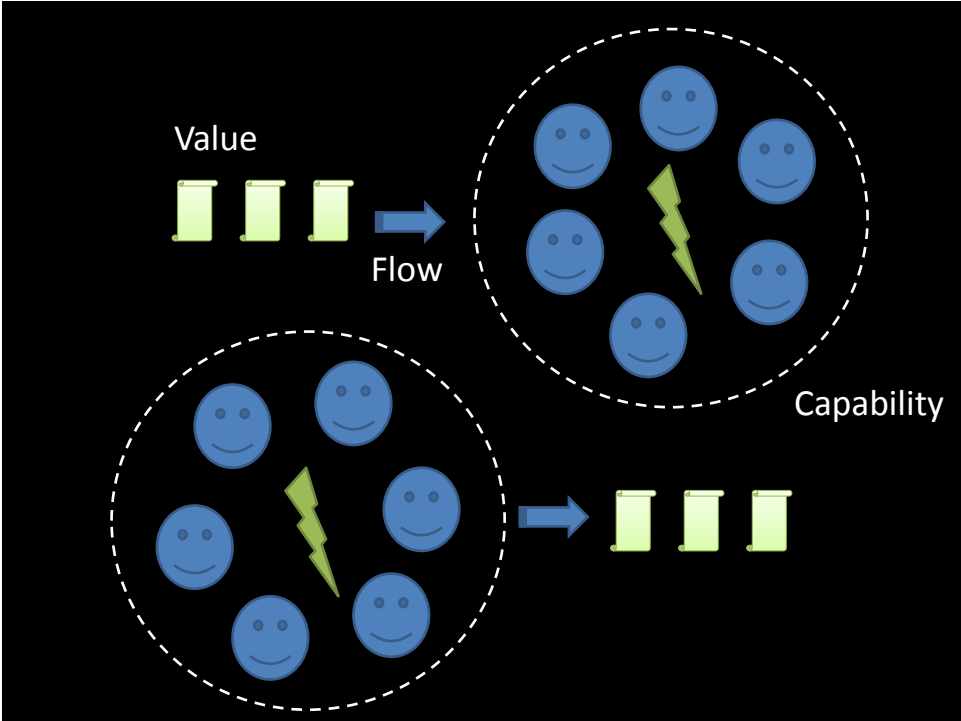
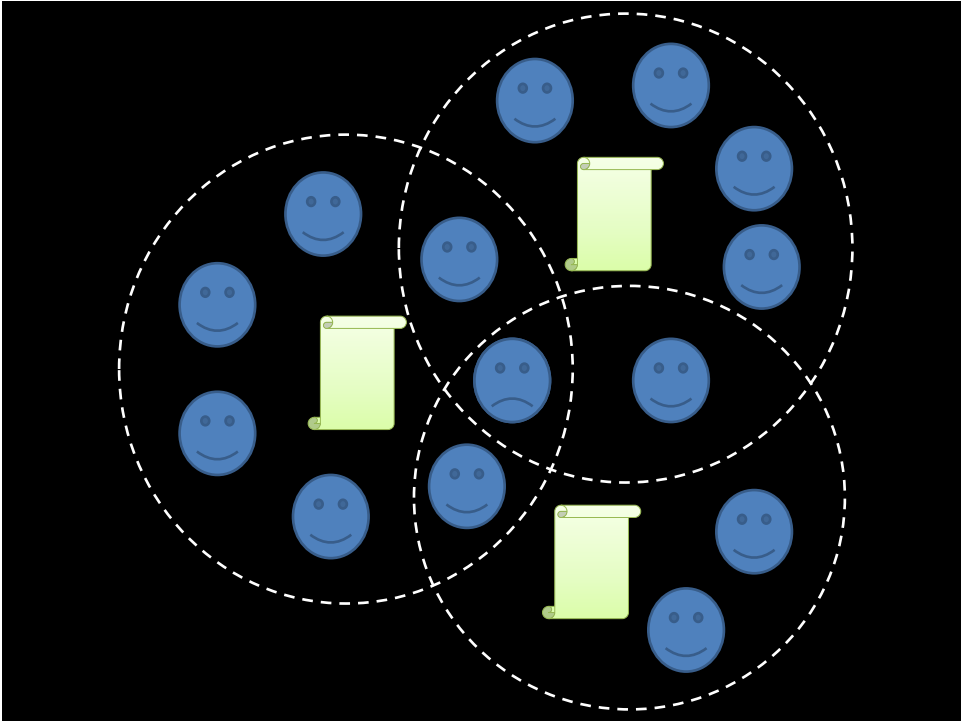
Concepts





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YOUR **APPROACH**






What would it take
to flow value through
Capability teams?



HANDS ON **DOT GAME**





-  Workflow
-  Visualisation
-  Work in Process
-  Cadence
-  Learning

Workflow



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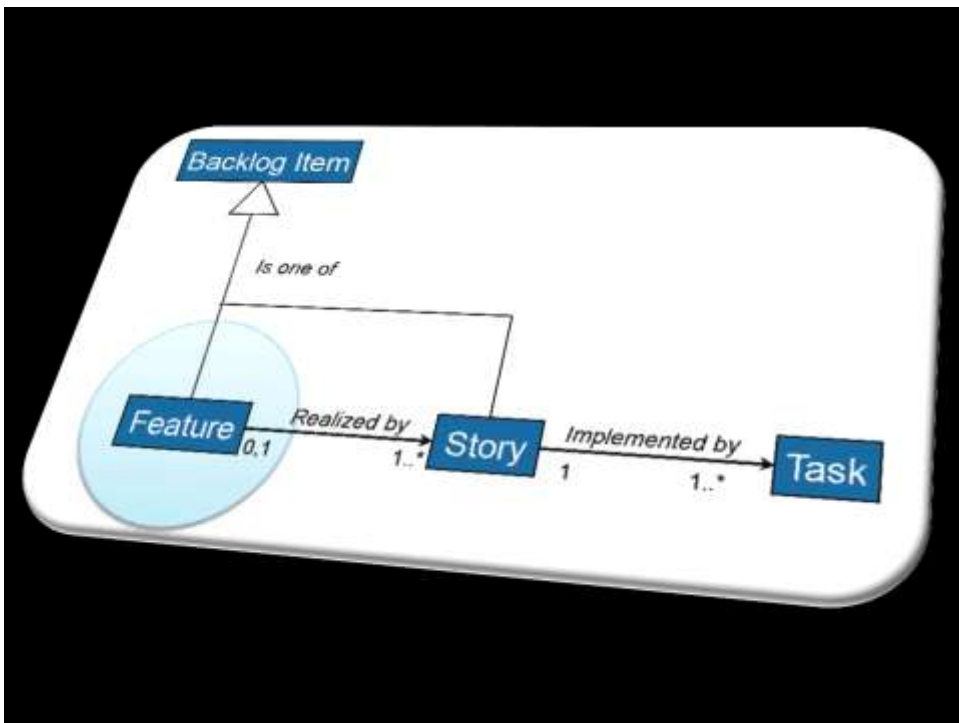
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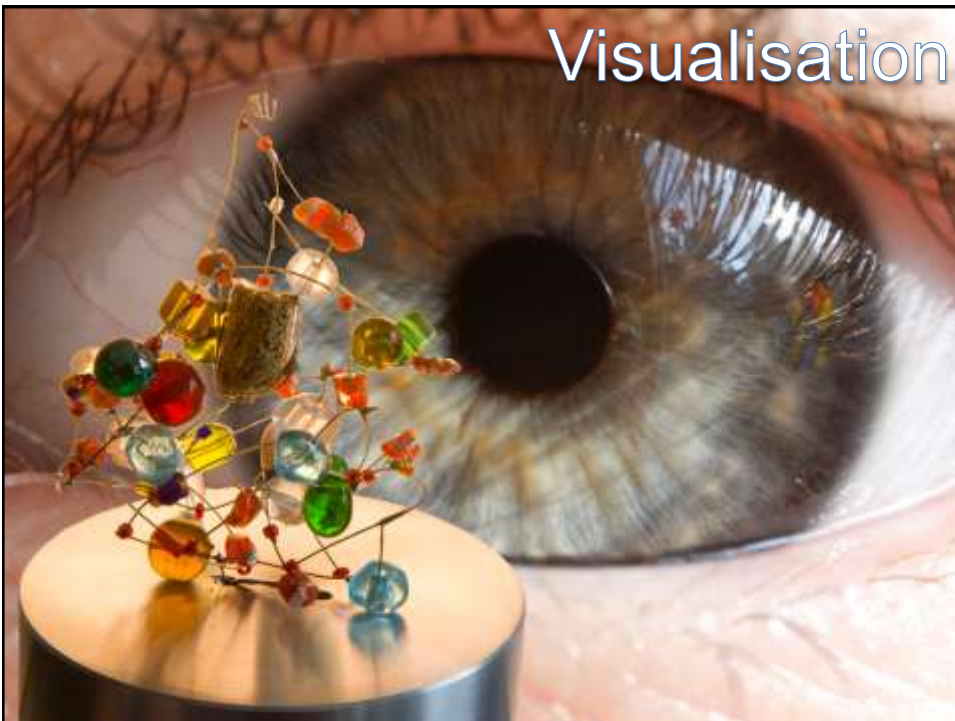


YOUR **WORKFLOW**

What does your
workflow look like?



Visualisation



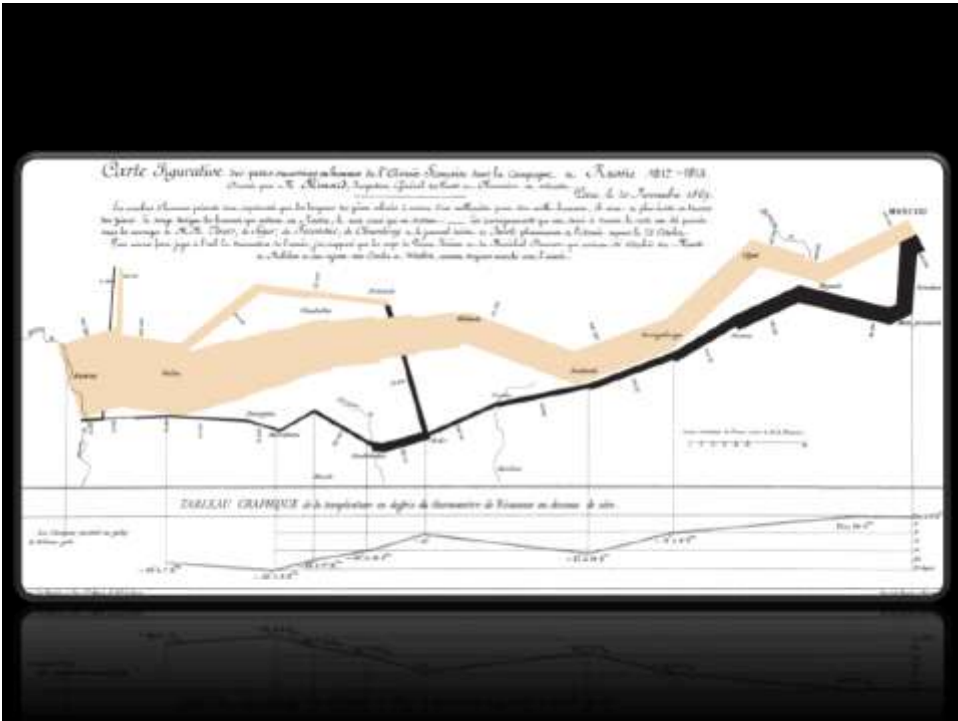
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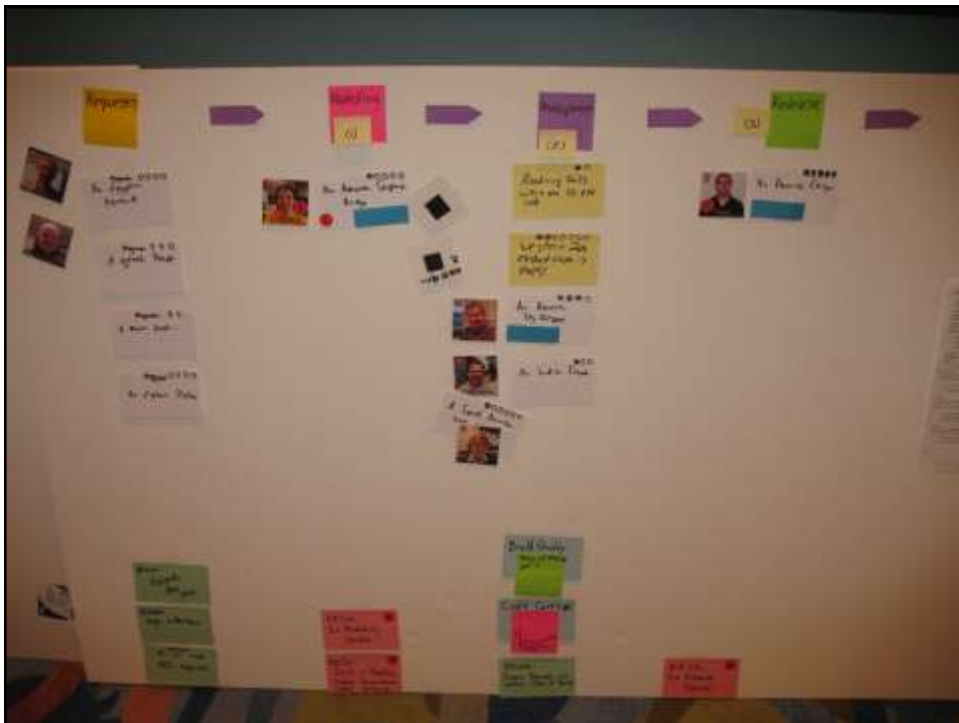
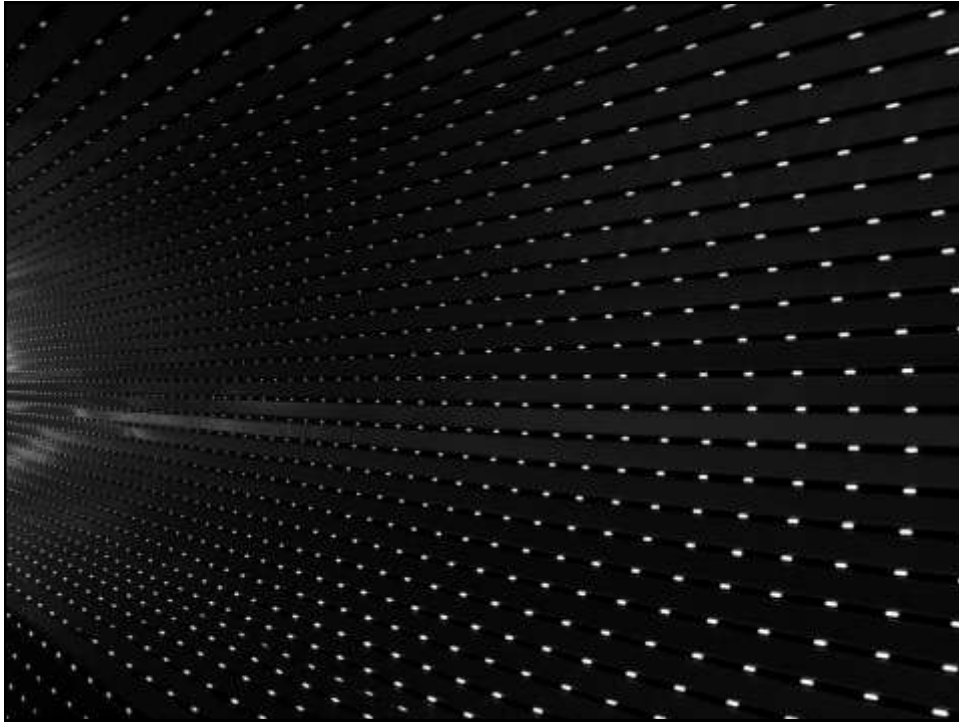
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Kanban kick-start example version 1.1
2009-11-16

© 2009 Henrik Kraberg
www.crip.in/kanban/example

Next 2	Analysis 3	Development 3	Acceptance 2	Prod
<p>Ongoing</p>	<p>Done</p>	<p>Ongoing</p>	<p>Done</p>	<p>Ongoing</p>
<p>Definition of Done:</p> <ul style="list-style-type: none"> • Goal is clear • First tasks defined • Story split (if necessary) 	<p>Definition of Done:</p> <ul style="list-style-type: none"> • Code clean & checked in on trunk • Integrated & regression tested • Running on UAT environment 	<p>Definition of Done:</p> <ul style="list-style-type: none"> • Customer accepted • Ready for production 		

Feature / story

Date when added to board

2009-08-20 2009-09-30

(description)

★ = priority
★★ = expedite

Who is analyzing / testing right now

Task / defect

☐ = task or defect
☑ = completed
☐ why = blocked
👤 = who is doing this right now

What to pull first

1. Expedite features ★★ (should be swarmed and kept moving. Interrupt other work and break WIP limits as necessary)
2. Priority features ★
3. Hard deadline features (only if deadline is at risk)
4. Oldest features

YOUR VISUALS

How would you
visualise your
work?





プル・システム (Pull System)

TPSの基本:お客様(次工程)の引きによる作業(運搬、生産)

一般的なビジネスプロセス : Push Process



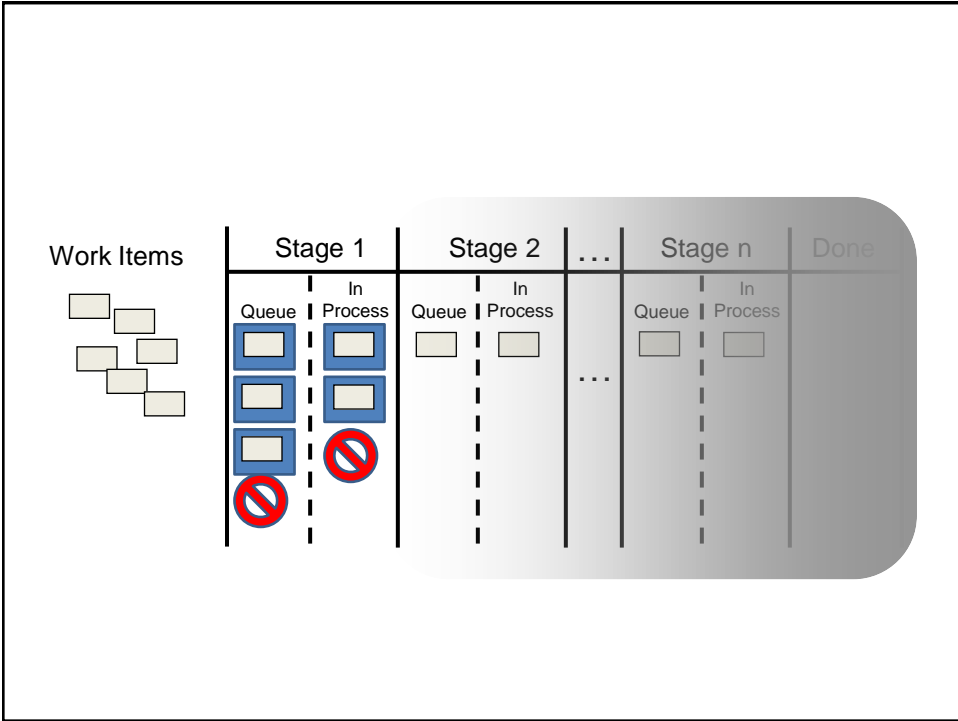
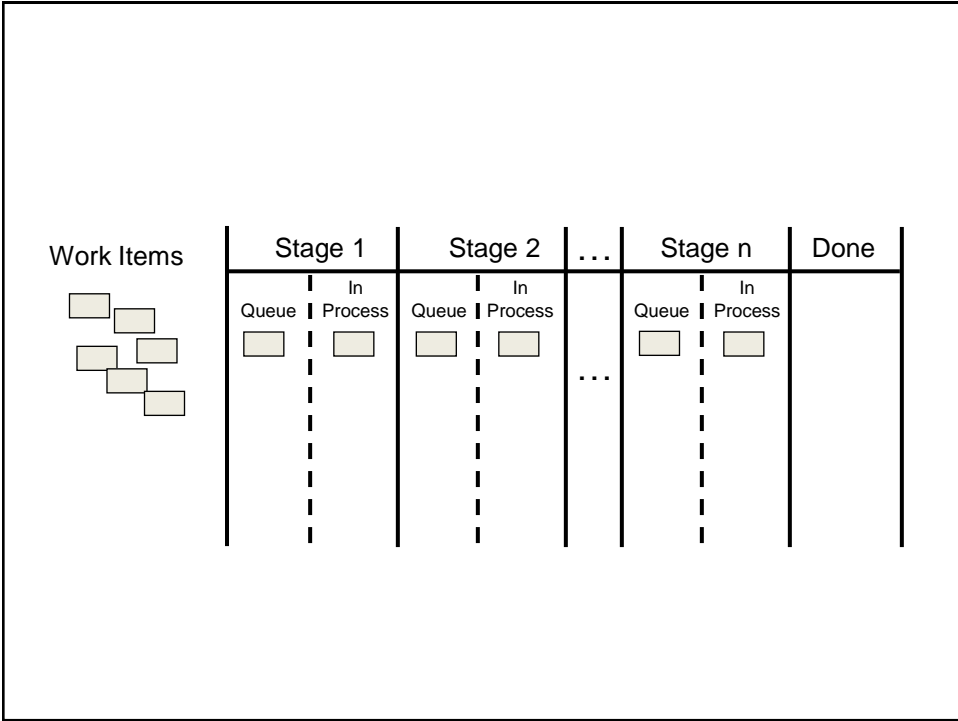
トヨタ生産方式 (TPS) : Pull Process

ボトルネックを無くす
仕事に流れをつくる
作業場所を小さくできる
品質は向上する



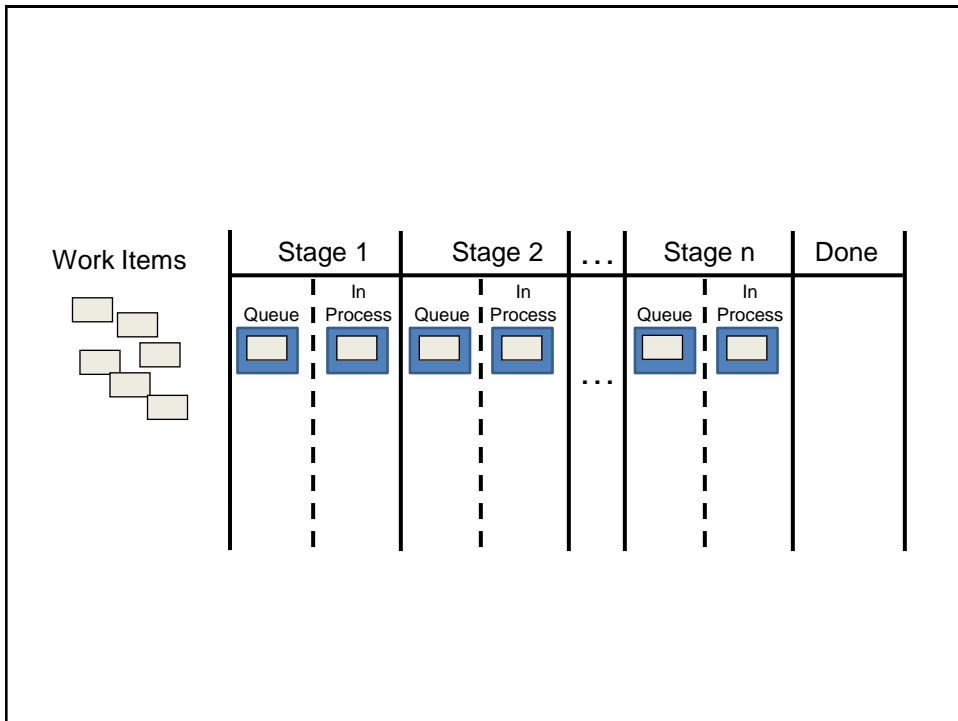
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YOUR **WIP**

What Work In
Process do you
have?



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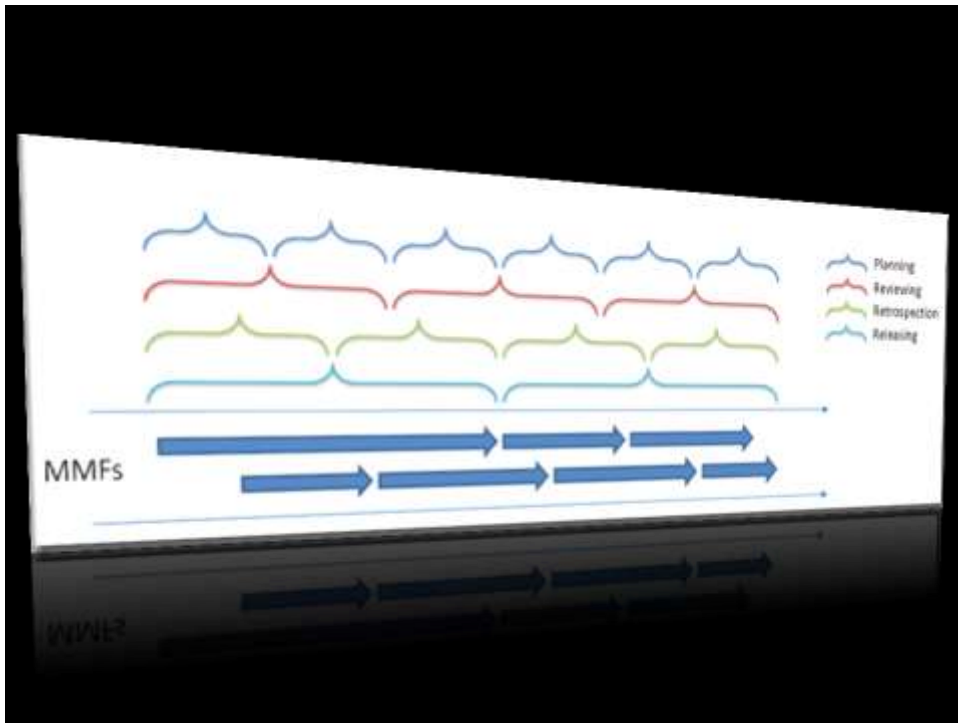


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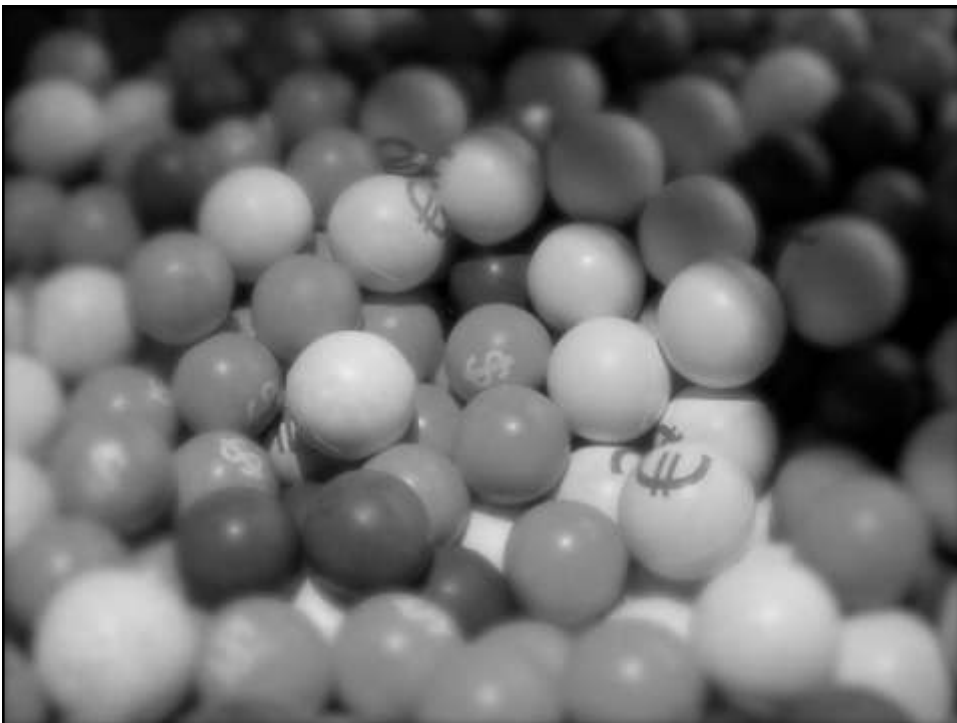


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YOUR **CADENCE**

How do you
coordinate your
work?

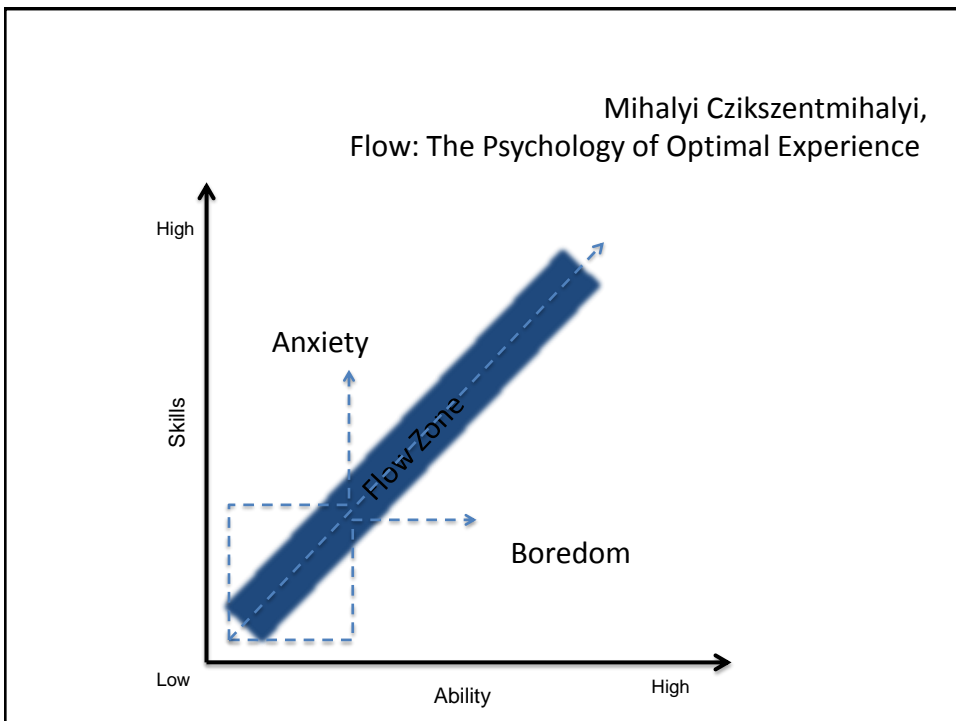


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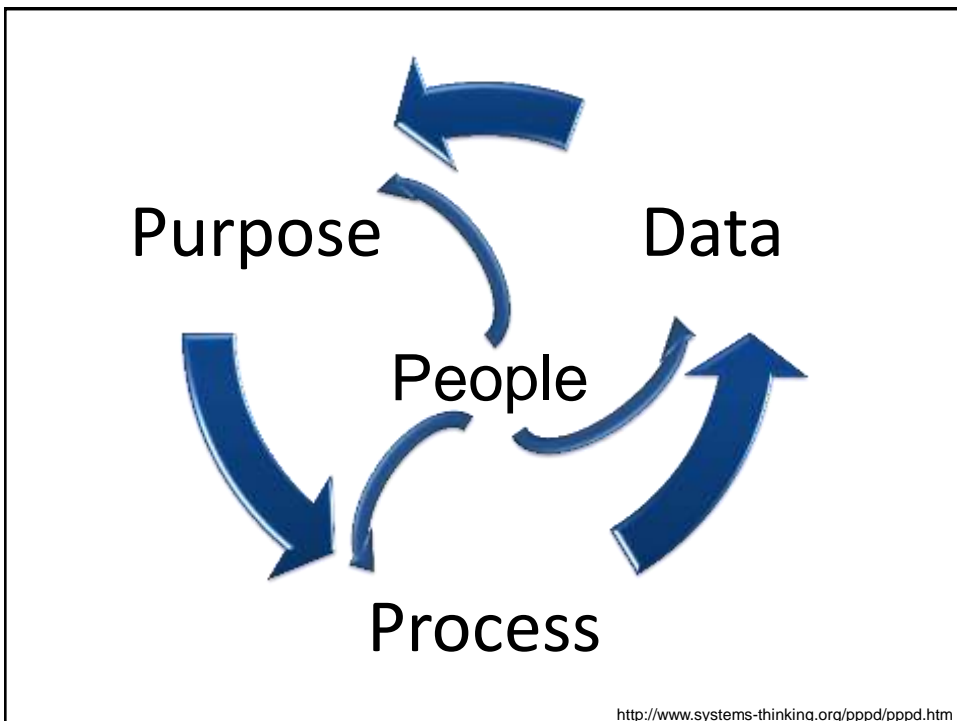
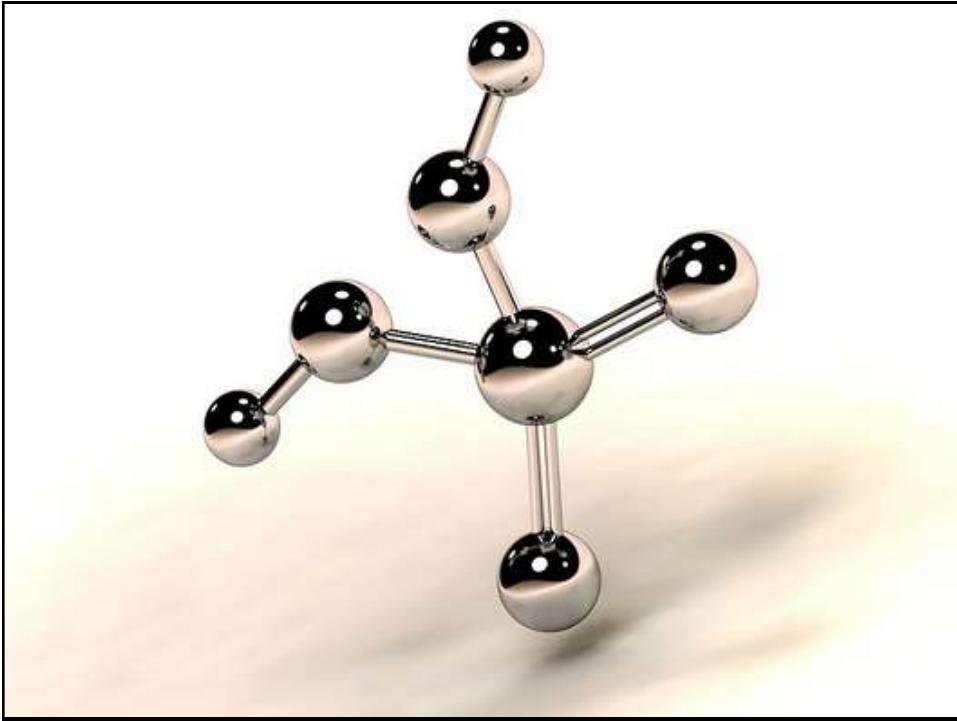


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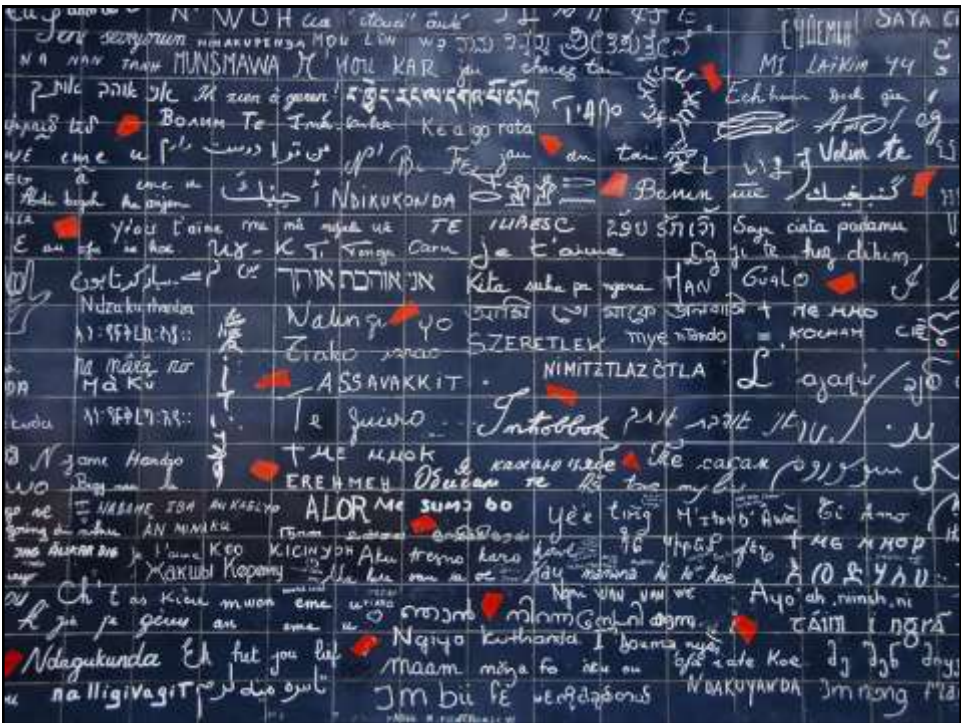
YOUR **LEARNING**

How will you
improve your
capability against
purpose?



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Thank you!



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