PMI NYC

Advanced Agile-Lean Coaching & Transformation Topics18 May 2016

Jack Caine, SPC, CSP, CSM, CSPO, BSc.





www.carmelrush.com

JackJCaine@Gmail.com | Skype: CRhockey | (323) 580 - 6911

Jack's Agile Notebook: http://goo.gl/5lsK86

LinkedIn: http://goo.gl/xBdKRG

Blog: http://goo.ql/HWUSmu Twitter: @JackJCaine

Listen & Interact Don't Just Take Notes

This complete slide deck will be provided to you online; however, I won't be going over every slide in gory detail during the presentation today:)

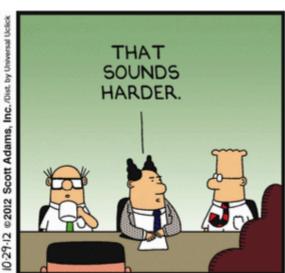
There are a lot of references and supplemental materials at the end of the slide deck for additional studying / learning

Today's Theme

Embracing Change Through Intrinsic Motivation







"Come up with strategies that make sense. Then employees would embrace change."

What I've Seen In The Field

Environment Issues. A proper environment is not created by management to allow for the transformation to take place

Focus Issues. The focus remains on "doing" practices instead of "learning" values and principles and on "changing" thought processes (e.g. why we do things and how we make decisions)

What Studies, Investigations & Reports Say

Gartner/CRM 2005 Report

65% of Projects Fail Due To People/Managerial Issues 35% of Projects Fail Due To Technical Issues 26% of Technical Issues Controllable @ Team Level

Deloitte 2013

"Only 11% of workers are passionately engaged at work"

John Kotter

"More than 70% of all major change efforts in organizations fail." "71% of the workforce is actively disengaged."

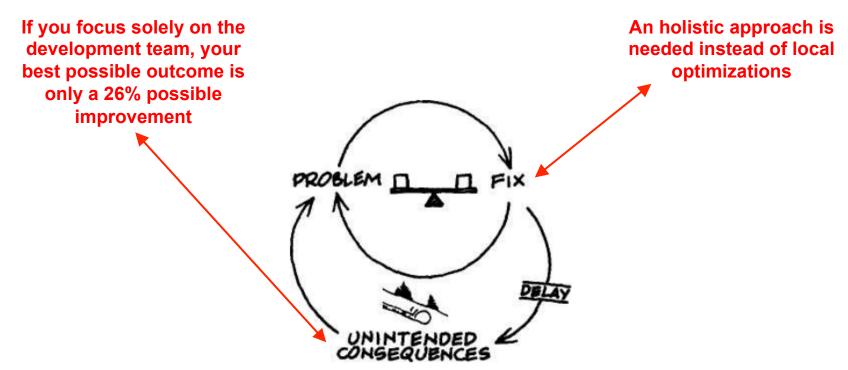
Pawel Brodzinski

"There are no best practices, only good practices in context."

Why We Fail to Change: Understanding Practices, Principles, and Values Is a Solution

Local Optimization Doesn't Scale - Systems Thinking Is Needed

Only 26% of technical issues are directly attributed to the programming team



Too Much Disengagement (This Includes Managers Also!)

Level of Engagement / Disengagement	Percentage (%)
Highly Engaged	11%
Actively Disengaged	71%
Varying Amounts of Engagement & Disengagement	18%

What could a team (or organization) accomplish with 10% or 20% more "highly engaged" people than they currently have?

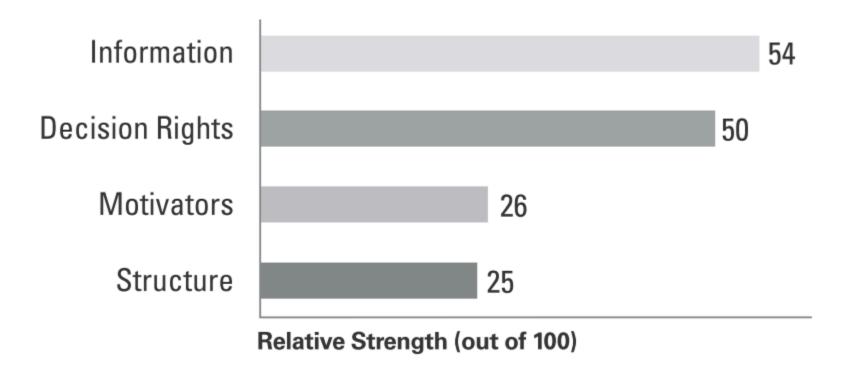


Few People Are Committed

Most are just compliant >>> It's an issue of not having a shared vision

Level	Actions	Real Desire	
Committed Person	Shared vision pulls action	Wants vision	
Enrolled Person	Actions within Spirit of the Law	Wants vision (free choice)	
Genuine Compliance	Good Soldiers	Accepts vision	
Formal Compliance	Does what's expected, no more	Sees benefit	
Grudging Compliance	Does it, but complains	No benefit other than not loosing their job	
Malicious Obedience	Does it	Wants to prove it wrong	
Non-Compliance	Can't make me do it	Obstinate	
Apathy	No interest or energy	None	

What Matters Most to Strategy Execution



Cross-Quadrant Conversations

Cultural	Systems
"We"	"Its"
Cultural - Mental	System Thinking
Psychological	Behavioral
" "	"It"
Mindset - MBTI	Practices - Metrics

4 Organizational Value Cultures

Evolutionary / Purpose Driven

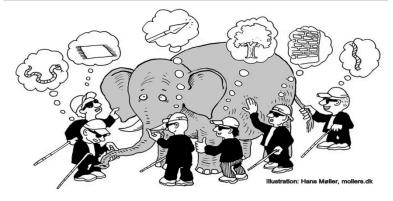
Pluralistic / Relationship Driven

Achievement / Results Driven

Conformist Role Driven

Look through a different **window** to view more options!

"Looking through one **window** does not give the full picture." - Lyssa Adkins

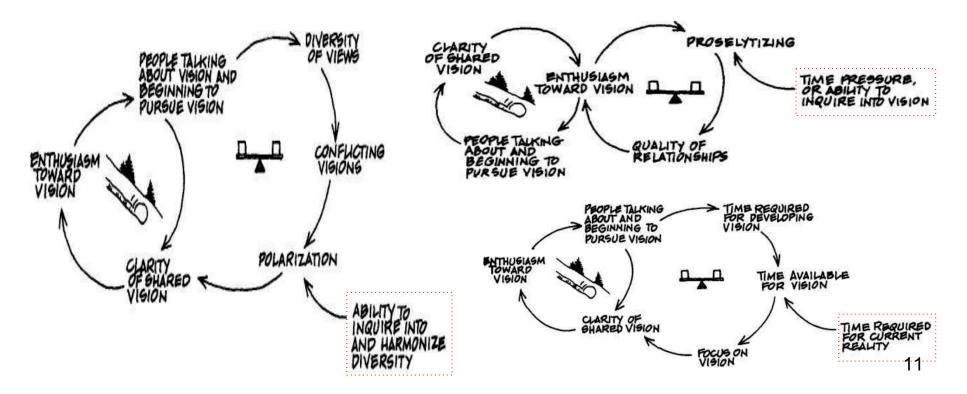


Given these men's way of knowing, they will never know an elephant

Vision Versus

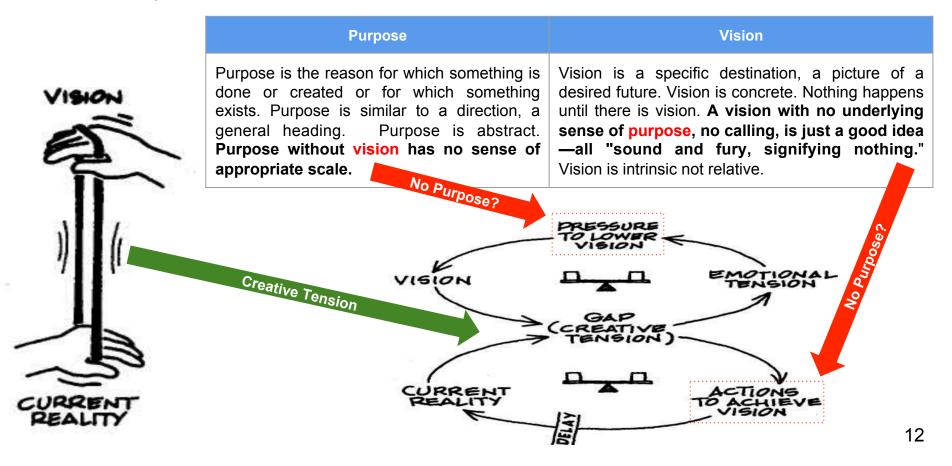
The Fifth Discipline (Peter Senge)

- Focus Issues
 - Time Pressure
 - Time Required for Current Reality
- Environment Issues (Learning Disabilities)
 - Ability to Inquire into Vision
 - Ability to Inquire into and Harmonize Diversity



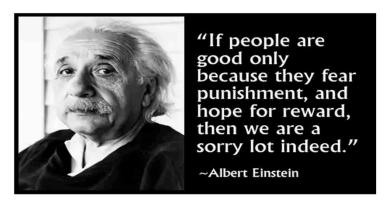
Creative Tension Is Needed For Change

Without Purpose, Creative Tension Gives Into Emotional Tension



Avoiding Punishment is Not a Purpose

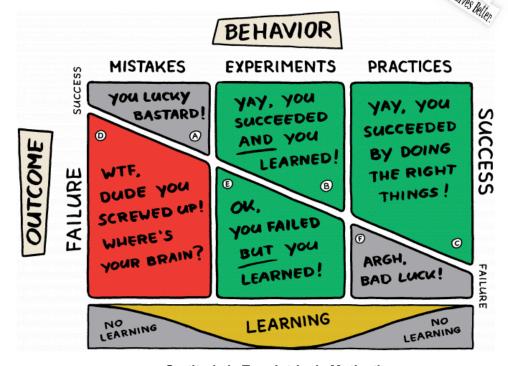
Use the Celebration Grid Instead: Celebrate Your Experiments (Learning is the Goal)





"What would you do if you weren't afraid?"

Mark Zuckerberg



Gratitude is True Intrinsic Motivation http://jurgenappelo.com/

Why We Fail to Change

PRINCIPLES

VALUES

Understanding Practices, Principles, and Values

Copycats

"People copy the most visible, obvious, and frequently least important practices."

Iceberg (Only Practices Seen)

The visible part of an iceberg is practices. The important part of the iceberg though, the one that is underwater, is made of the principles and values.

Context

Which values and principles are important? These drive behavior.

Mismatch (Cargo Culting)

Is a cargo cult being built instead of implementation of values and principles?

Perhaps "Shu-Ha-Ri" maturity won't work

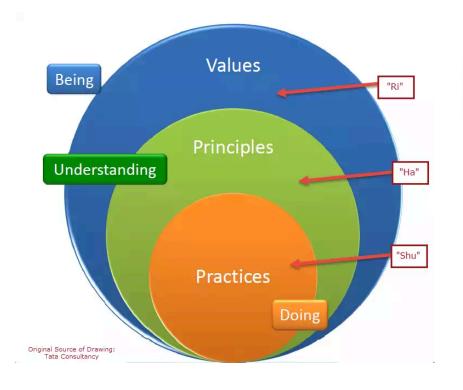
Depth

Values and principles are multi-dimensional (e.g. transparency in a team vs. transparency between teams or between managers or with the client)

Understanding (No Best Practices)

"There are no best practices, only good practices in context." The game changer is mindfulness.

Why We Fail to Change: Understanding Practices, Principles, and Values Is a Solution (Pawel Brodzinski)



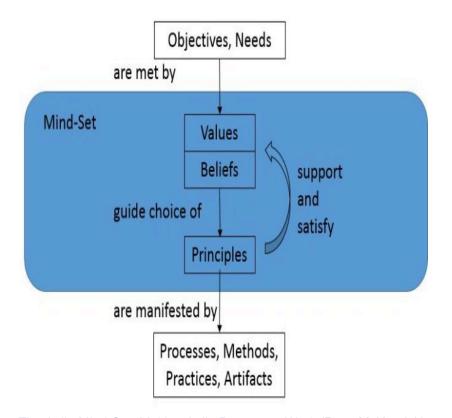
Never forget that better principles, not better practices, are what organizations really need.

Jurgen Appelo

Principles in Action Change the Culture



Mindset Manifestations



In A Given Work Situation,

Before You Ever...

- Plan
- Commit
- Design
- Implement
- Improve
- Or Otherwise Do Any Work,

Be Explicit & Deliberate About Your Mindset...
In Order To Increase Your Effectiveness

Being Agile: Having the Mind-Set that Delivers (Gil Broza)

Broza Agile Transformation Criteria

For Agile To Take Hold	For Adopting & Sustaining	For Getting There
Suitability to Values & Beliefs: • Work • Objectives	Maximize Clarity & Alignment on the Values / Beliefs / Practices	Start using the framework ONLY if you ALSO agree with the values & principles
 Team & Customer Congruence of Values & Beliefs among: Team 	Set the Expectation of Acting with the Agile Mindset Tie Every Move Back to the Mindset	Leadership, support & patience needed for the change curve (expect tribulations)
 Sponsor Customer Mindset Buy-In, Not To Practices or Processes Implement Every Principle to the Highest Level You Can Sustain Deal Proactively with Forces that Erode or Impede Agility 		Look for principled behavior, not process compliance or velocity

Self-Organization

"A group possesses a **self-organizing capability** when it exhibits three conditions: **autonomy**, **self-transcendence** [beyond status quo], and **cross-fertilization** [diversity of knowledge]."

The New New Product Development Game (Hirotaka Takeuchi and Ikujiro Nonaka)

Autonomy
Self-Transcendence (Beyond Status Quo)
Cross-Fertilization (Diversity of Knowledge)

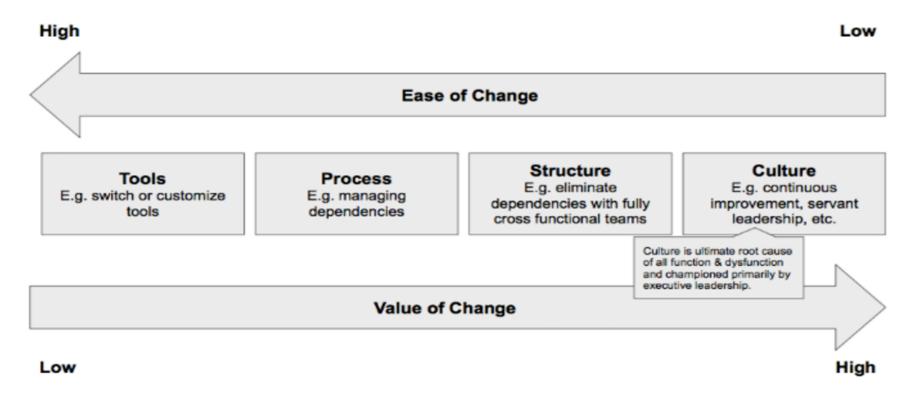
The Meaning of "Agile"

""Agile" is not a practice. It is a quality of the organization and its people to be adaptive, responsive, continually learning and evolving -- to be agile. ... Agile does not mean delivering faster. Agile does not mean fewer defects or higher quality. Agile does not mean higher productivity. Agile means agile -- the ability to move with quick easy grace, to be nimble and adaptable. To embrace change and become masters of change -- to compete through adaptability by being able to change faster and cheaper than your competition can.

Perhaps faster delivery and higher quality will be achieved with an agile method such as Scrum, but it is vital for business and engineering leaders to appreciate that the raison d'être of agile methods is ... agility."

- Craig Larman (Creator of the LeSS Framework)

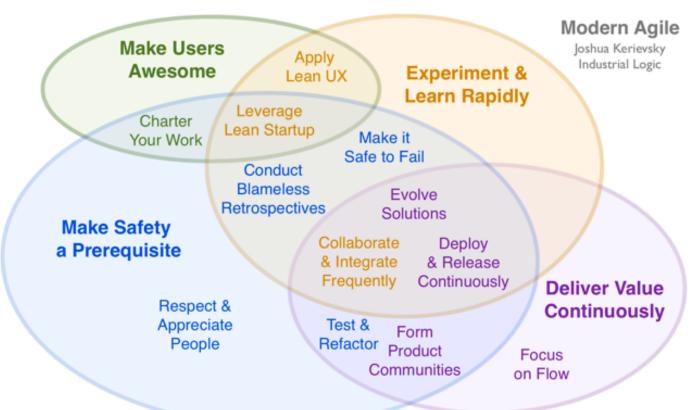
"Doing" vs. "Being"



On Doing Versus Being Agile (Chris Gagné)

Modern Agile

The 4 Disciplines (Joshua Kerievsky)



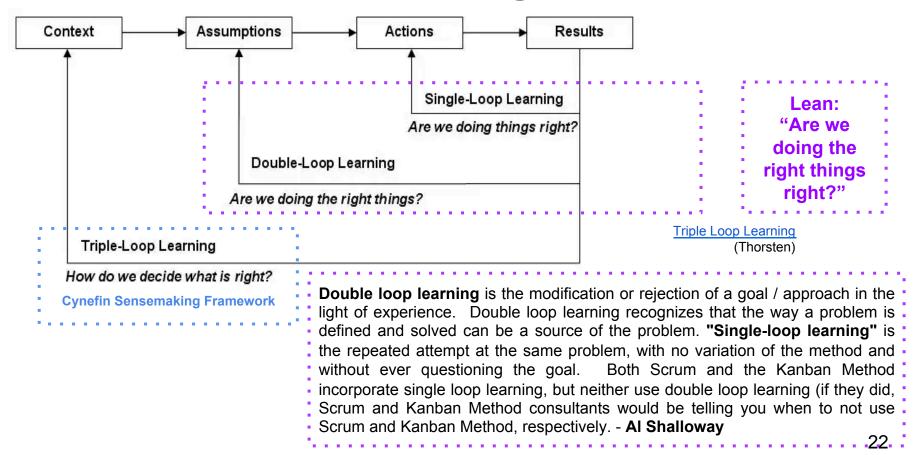
Make Users Awesome

Make Safety a Prerequisite

Experiment & Learn Rapidly

Deliver Value Continuously

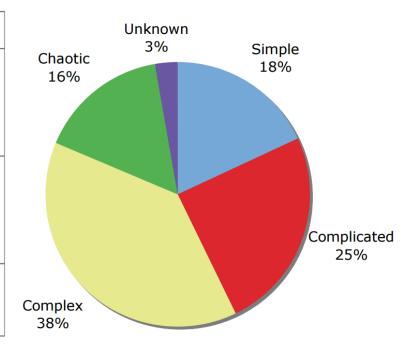
The Loops of Learning



Typical Activities in Software Development

Sensemaking

Simple	Complicated	Complex	Chaotic	Unordered
Knowing when a task is done	Ambitious (political) time- line	Changing requirements	Arguing about coding standards	No release deadline
Monitoring actual time spent	Fixing the build	Countering a belief in magic	Retrospectives without consequence	Resource shortage
Featuritis	Finding who to talk to	Task Estimation	Project volume too big	Lack of trust

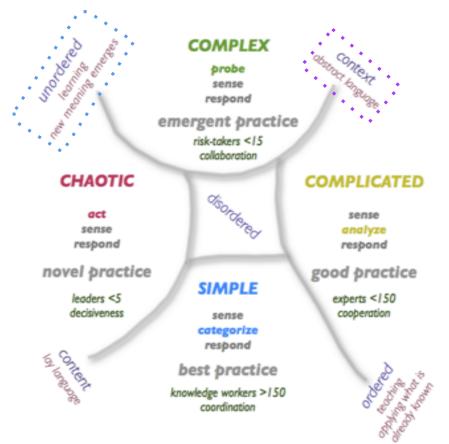


Data based on the Cynefin 'butterfly stamping' exercise

On Understanding Software Agility—A Social Complexity Point Of View (Joseph Pelrine)

Cynefin Sensemaking Framework

Which Practice Should We Use?



Environment	Practices	Involved People	Uses
Simple (Obvious)	Best Practices	Knowledge Workers > 150	Waterfall Coordination
Complicated	Good Practices	Experts < 150	Kanban Cooperation
Complex	Emergent Practices	Risk Takers < 15	Scrum Collaboration
Chaotic	Novel Practices	Leaders < 5	Lean Startup Decisiveness
Disordered	NA	NA	NA

Opening Keynote SCRUMDAYS Warsaw (David Snowden) (Podcast) (Slides)

Intent Based Leadership

Leadership By Intent - Concept developed by David Marquet

Leader-Leader vs. Leader-Follower

3 Pillars:

Downward Control, Technical Competence, Organizational Clarity Lack of technical competence with downward control is chaos Organizational clarity means that everyone knows their role

Push control downward by not giving orders, but by asking questions...

"Tell me what you intend to do."

"I intend to do"

"What do you think that I'm concerned about?" "Convince me that it's (safe)"

"I intend to do X. We've done A, B, C & D."

"Is that the right thing to do?"

Train for critical thinking [engagement], not compliance.

Give away control until you are uncomfortable.

Go beyond "empowerment".

Change from "avoiding mistakes" to "operational excellence"

Don't Empower - Engage

All human beings are naturally powerful, they don't need to be "empowered". Rather, leaders simply need to **remove** cultural norms and processes that are meant to exert control, resulting in people tuning out and becoming disengaged. When the right leadership behaviors are in place, people will naturally bring their whole selves to their jobs. From a lean standpoint, such controls can be viewed as **creating waste** – people that show up and go through the motions, rather than devoting their creativity and energy to their jobs, and the lean leader's job is to remove waste from the system.

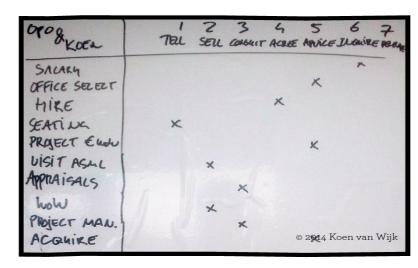
Delegation Fears (Appelo)

Loss of Status, Power & Control

STATUS can be interpreted as the number of people who are authorized by a manager through a delegation board. The more people who report to a manager, the higher the status of the manager, as perceived by some people. However, it will be clear to anyone that a manager can only increase the number of direct reports by delegating work.

POWER can be seen as the sum of all delegation levels across all key decision areas. The more key decision areas that are managed through a delegation board, and the higher the level for each area, the more powerful the empowering manager apparently is.

CONTROL. The stability of the notes on the board could be a measure of control. When the notes move back and forth repeatedly, we might have an indication of *lack of control*. But when they are stationary, or have a slow but steady pace of moving from the left to the right, we could have an indication of *good control* over the situation.



DELEGATING GIVES MORE STATUS | POWER | CONTROL TO THE PERSON DELEGATING!

Each of these three measures might be a dream come true for many top managers. They could be the key performance indicators of modern management!

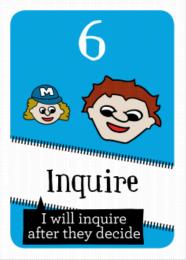














The cards in this document are part of the Management 3.0 course. They represent the 7 delegation levels for empowering organizations. You can find a description of their use at www.management30.com/delegation-poker

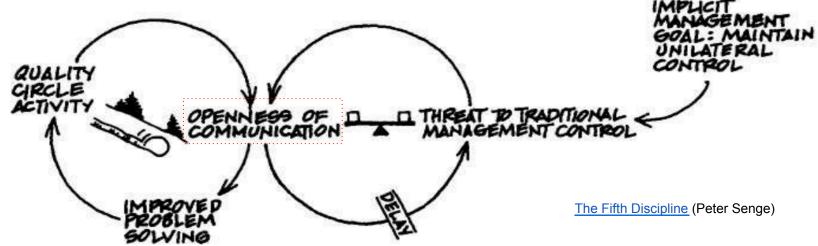
5 Fatal Flaws in Leadership

The Solution Is Openness of Communication

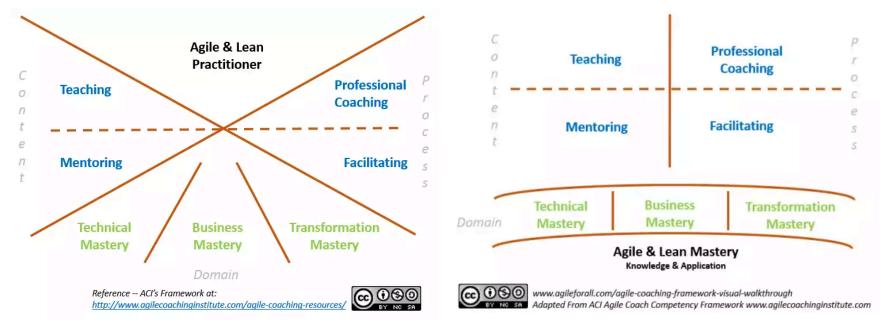
Inability to learn from mistakes
Lack of core interpersonal skills and competencies
Lack of openness to new or different ideas
Lack of accountability
Lack of initiative

IF YOU'RE NOT MAKING
MISTAKES, THEN
YOU'RE NOT DOING
ANYTHING. I'M
POSITIVE THAT A DOER
MAKES MISTAKES.

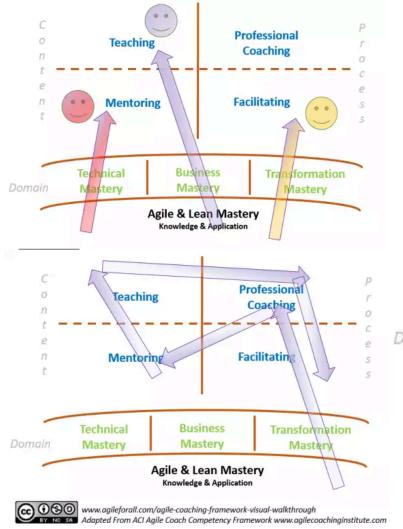
John Wooden

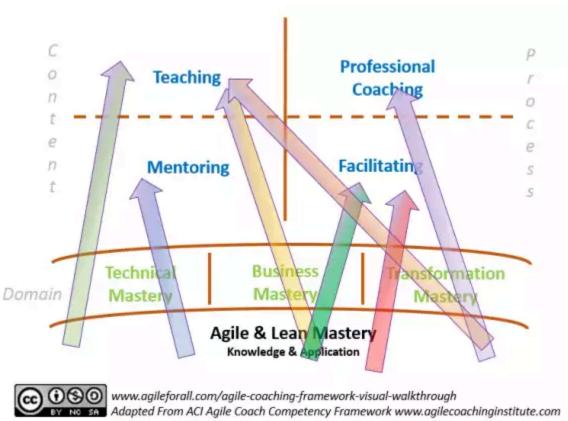


Agile Coach Competency Framework



Remember that every agile coach needs to move through different process and content competencies to be effective!



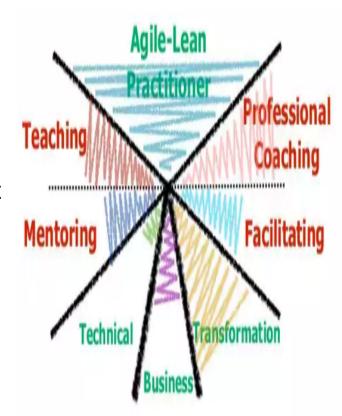


Enterprise Agile Coach Domains

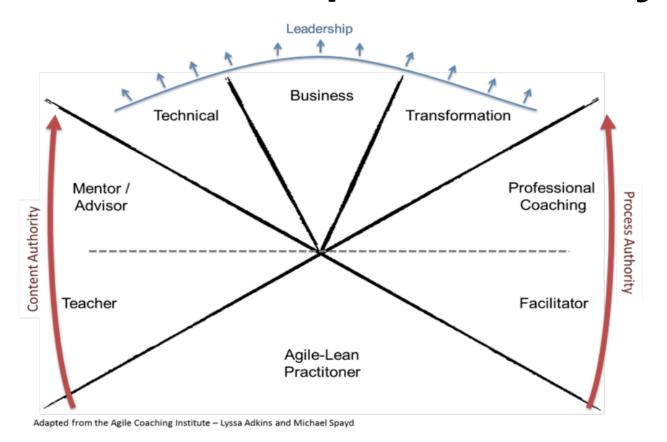
Transformational - Deep focus on systems and complexity theories, organizational dynamics, organizational change and leadership capacity development.

Business - Deep focus on business drivers and performance, business agility, agile processes at scale, agile product development, customer development, business value and metrics, and leadership strategy and vision.

Technical - Deep focus on agile technical and architectural principles and practices, evolutionary design, technical and development operations, tools and practices.

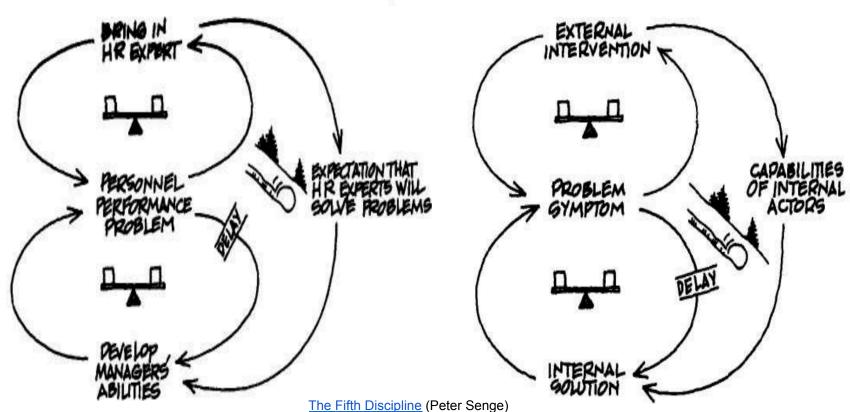


Coach's Leadership vs. Authority



Shifting the Burden Creates Codependency

"Shifting the Burden" Systems Archetype



Coaches Don't Collude

The coach does not collude with the client's desire to accommodate their *dysfunctions* or *limitations*. If the client reformulates their chosen Agile method to sidestep problems Agile has exposed:

The coach calls this out to the client

The coach reflects on the current situation with the client

The coach makes plain what is actually happening

The coach does this without attachment or judgment

The coach does not "go along" with the compromise but, instead:

Recognizes the current situation for what it is,

Meets the client where they are

Holds out the vision of Agile done well

Continues to coach with loving, compassionate and uncompromise

While this may seem paradoxical, this approach is not inconsistent with Neutrality.

We **do not "pretend"** with the client that they are really taking an Agile approach even when they are not.

We do not resort to shaming or coercing them into doing it "the right way."

Developing Great Agile Coaches: Towards a Framework of Agile Coaching Competency – Part I (Michael K. Spayd & Lyssa Adkins)

Closing Thought

An adaptable organization only <u>responds</u> to changes while a transformational organization <u>thrives</u> on changes

Management 3.0 Workout (Jurgen Appelo)

Questions?

Topics Discussed

- 1. Why Do Transformations Fail? (Focus & Environment)
- 2. Systems Thinking (taken from Peter Senge's "The Fifth Discipline of a Learning Organization" to help explain why a new way of thinking is needed)
- 3. The 4 Windows ("I", "It", "It's", and "We" taken from Lyssa Adkins' teachings to help explain how to see the "full" picture)
- **4.** Leadership By Intent (use of the video by David Marquet to help explain servant leadership)
- **5. Cynefin Framework** (taken from David Snowden as a tool to help leaders decide if waterfall, kanban, scrum, or lean startup frameworks and methodologies should be used for a particular situation based on the context and constraints)
- **6. Quadrants of Coaching** (taken from Lyssa Adkins to explain what the role of an agile coach is during a transformation)
- 7. Agile Product Owner In A Nutshell (use of the video by Henrik Kniberg to explain scrum) (see supplementary materials section)

References

Jack's Agile Notebook: http://goo.gl/5lsK86
Bibliography (running): https://goo.gl/MivvfT

Agile Product Owner In A Nutshell (Henrik Kniberg) (Video)

Turn the Ship Around (Leadership By Intent) (David Marquet) (Video: Our Story)

The Fifth Discipline (Peter Senge)

Why We Fail to Change: Understanding Practices, Principles, and Values Is a Solution (Pawel Brodzinski)

Management 3.0 (Jurgen Appelo): http://jurgenappelo.com/

Management 3.0 Workout (Jurgen Appelo)
Agile Manifesto: www.agilemanifesto.org

Modern Agile - The 4 Disciplines (Joshua Kerievsky)

The Expectation (Andrea Provaglio)

<u>Triple Loop Learning</u> (Thorsten)

On Understanding Software Agility—A Social Complexity Point Of View (Joseph Pelrine)

Understanding ACI's Agile Coach Competency Framework (Part 1) (Part 2) (Part 3) (Jake Calabrese)

ICAgile Learning Roadmap | Enterprise Agile Coaching Track | Learning Objectives (ICagile)

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Developing Great Agile Coaches: Towards a Framework of Agile Coaching Competency – Part I (Michael K. Spayd & Lyssa Adkins)

Supplemental Materials



Agile Manifesto

www.agilemanifesto.org

We are uncovering better ways of developing software by doing it and helping others do it. Through this work we have come to value:

- ▲ 1. Individuals & interactions over processes & tools.
 - 2. Working software over comprehensive documentation.
 - 3. Customer collaboration over contract negotiation.
 - 4. Responding to change over following a plan.

Kent Beck
Mike Beedle
Arie van Bennekum
Alistair Cockburn
Ward Cunningham
Martin Fowler
James Grenning
Jim Highsmith
Andrew Hunt

Ron Jeffries
Jon Kern
Brian Marick
Robert C. Martin
Steve Mellor
Ken Schwaber
Jeff Sutherland
Dave Thomas

Note: "Over" doesn't mean "instead of".

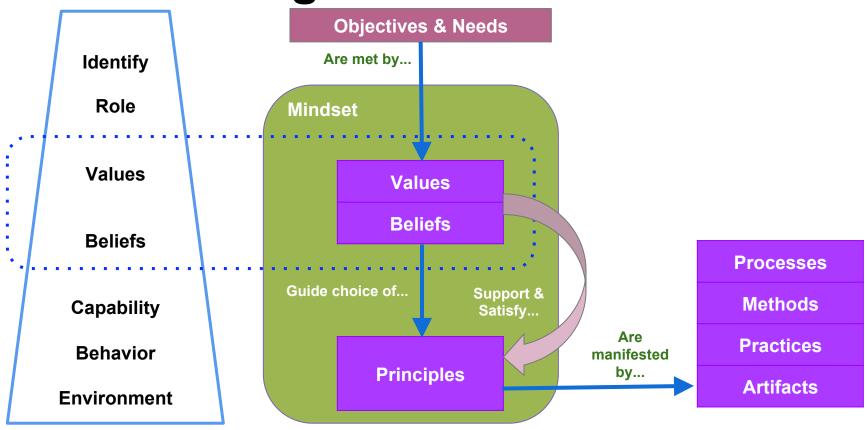
12 Agile Principles Behind Manifesto

- Our highest priority is to satisfy the customer through early and continuous delivery of valuable software/product.
- 2. Welcome changing requirements, even late in development. Agile processes harness change for the customer's competitive advantage.
- 3. Deliver working software/product frequently, from a couple of weeks to a couple of months, with a preference to the shorter timescale.
- **4.** Business people and developers must work together daily throughout the project.
- 5. Build projects around motivated individuals. Give them the environment and support they need, and trust them to get the job done.
- 6. The most efficient and effective method of conveying information to and within a development team is **face-to-face conversation**.

12 Agile Principles Behind Manifesto

- 7. Working software/product is the primary measure of progress.
- 8. Agile processes promote **sustainable development**. The sponsors, developers, and users should be able to maintain a constant pace indefinitely.
- 9. Continuous attention to **technical excellence** and **good design** enhances agility.
- **10.**Simplicity the art of maximizing the amount of work not done--is essential.
- 11. The best architectures, requirements, and designs emerge from **self-organizing teams**.
- 12. At regular intervals, the team **reflects** on how to become more effective, then tunes and **adjusts** its behavior accordingly.

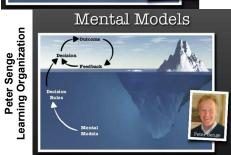
Broza Change Model

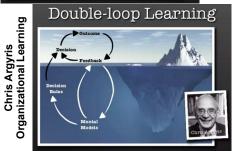


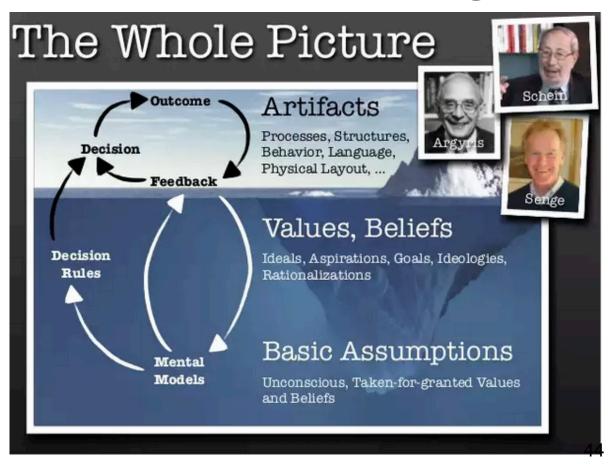
Being Agile: Having the Mind-Set that Delivers (Gil Broza)

Below The Surface of the Iceberg









The Expectation (Andrea Provaglio)

Mental Models

Assumptions & Beliefs >>> Artifacts & Consequences >>> Alternatives



The Learning Organization

Use systems thinking to convert your organization to a learning organization

3 Core Learning Capabilities:

Fostering Aspiration
Developing Reflective Conversation
Understanding Complexity

Learning Disabilities:

"I am my position."

"The enemy is out there."

The Illusion of Taking Charge
The Fixation on Events
The Parable of the Boiling Frog
The Delusion of Learning from Experience
The Myth of the Management Team

5 Disciplines of a Learning Organization

- "Personal mastery is a discipline of continually clarifying and deepening our personal vision, of focusing our energies, of developing patience, and of seeing reality objectively."
- 2. "Mental models are deeply ingrained assumptions, generalizations, or even pictures of images that influence how we understand the world and how we take action."
- 3. "Building shared vision a practice of unearthing shared pictures of the future that foster genuine commitment and enrollment rather than compliance."
- "Team learning starts with dialogue, the capacity of members of a team to suspend assumptions and enter into genuine thinking together."
- 5. "Systems thinking The Fifth Discipline that integrates the other four." (Systems Thinking = 5th Discipline)

[&]quot;A learning organization should not aim to minimize the amount of failure. Reducing failure would reduce learning. Of course, maximizing failure also makes no sense. What we should maximize is the understanding of our problems. This understanding happens by experiencing both successes and failures. There is an optimal learning rate when you think "Wow, I'm brilliant!" and "My God, I'm such an idiot!" roughly in equal measure. Therefore, we should celebrate learning, not successes or failures." - Jurgen Appelo

Interconnected Disciplines

"Interconnectedness" (Systems Thinking)

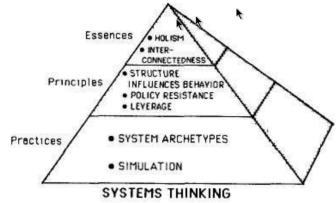
"Connectedness" (Personal Mastery)

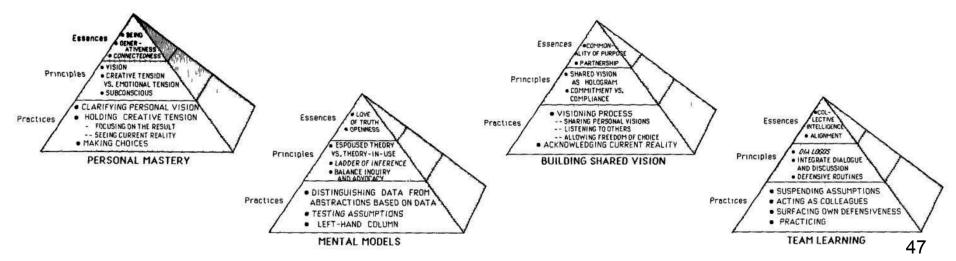
"Commonality of Purpose" (Shared Vision)

"Collective Intelligence" (Team Learning)

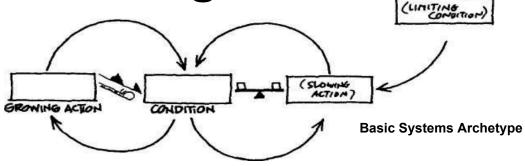
"Love of Truth & Openness" (Mental Models)

The Fifth Discipline (Peter Senge)





Systems Thinking



The 11 'Laws' described in The Fifth Discipline

- 1. Today's problems come from yesterday's "solutions".
- 2. The harder you push, the harder the system pushes back.
- 3. Behavior will grow worse before it grows better.
- 4. The easy way out usually leads back in.
- 5. The cure can be worse than the disease.
- 6. Faster is slower.

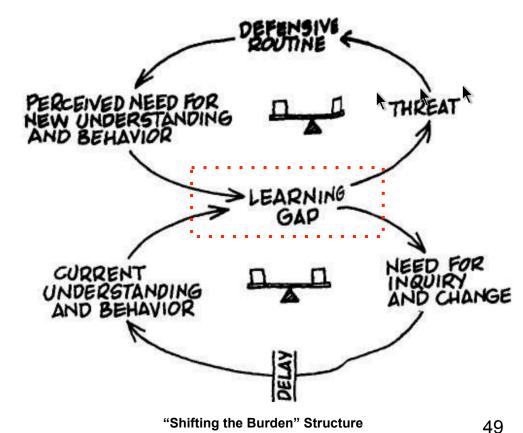
- 7. Cause and effect are not closely related in time and space.
- Small changes can produce big results...but the areas of highest leverage are often the least obvious.
- 9. You can have your cake and eat it too—but not all at once.
- 10.Dividing an elephant in half does not produce two small elephants.
- 11. There is no blame.

Hidden Balancing Processes

Cause of Resistance to Change - "Shifting the Burden" Structure

"Whenever there is "resistance to change." you can count on there being one or more "hidden" balancing processes. Resistance to change is neither capricious nor mysterious. It almost always arises from threats to traditional norms and ways of doing things. Often these norms are woven into the fabric of established power relationships. The norm is entrenched because the distribution of authority and control is entrenched. Rather than pushing harder to overcome resistance to change, artful leaders discern the source of the resistance. They focus directly on the implicit norms and power relationships within which the norms are embedded "

Peter Senge, The Fifth Discipline



Agile Codependency

Agile Codependency looks like this:

The team depends on the coach to solve problems

The coach depends on the team's helplessness, on their dysfunction.

If you think that the coach's identity is reinforced by making problems disappear for others, then you're almost there.

Waiting To Take Action. It's easy for teams to get caught up in this belief system since, quite often, team members have ingrained habits of waiting for someone else to take action. It used to be a manager before. Now it's an Agile Coach. The pattern itself stays the same.

Depending On Supervision. By definition, an Agile Coach is supposed to be a servant-leader. However, in the context we are examining the "servant" part can be a bit misleading. To truly serve you don't want to create an imbalance by having team members constantly depend on your supervision. Quite the opposite. You want them to be as free as possible from constraints. And those constraints include your own actions.

Solving Their Impediments. If you solve each and every impediment for the team, do you think they'll learn how to solve impediments effectively themselves? (The answer is probably no, except when you're working with exceptionally motivated people who resist your pull to make them depend on

A Way Out of Agile Codependency

Change Individual Mindset (Coach)

Change Shared Mindset (Team)

Change Individual Behavior (Team Members)

Change Social Behavior (Rotation of Facilitation)

The Energy of Who's the Owner

Role of the Owner: Not a sponsor, not a reviewer, not an advocate... but **THE OWNER**, with all the duties and responsibilities thereof. This includes accountability for success, and takes a lot of time and discipline.

Role of the Coach: Subject matter expert. The coach can recommend, teach, coach, inspire, affirm, organize, measure, mentor, argue, justify, analyze, recommend, facilitate, entertain, cajole, whine, support, acknowledge, and work really hard. But the coach can't own the company's lean-agile journey and its outcome. That would create the wrong energy and confuse people about the organization's priorities.

Coaching Stance Elements

The coaching stance is what ACI refers to as "the heart" of ACI's Agile Coach Competency Framework. The coaching stance is supposed to be the place you start from and return to.



Understanding ACI's Agile Coach Competency Framework (Part 1) (Jake Calabrese)

Developing Great Agile Coaches: Towards a Framework of Agile Coaching Competency – Part I (Michael K. Spayd & Lyssa Adkins)

Agile Product Owner In A Nutshell

(Henrik Kniberg) (Video)

