



Scenario

- Our company has decided to use agile
- We get training and maybe some coaching
- After six months, management wants to know:
 - "How are we doing at adopting agile?"



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We need an assessment framework

- ► An instrument for "measuring" agility
- Desirable attributes
 - Must evaluate multiple dimensions of agility
 - Must lead to actionable recommendations



5

6

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Requirements. Communication Focus

- Written requirements are augmented with discussion.
- The details of a feature are fleshed out in just-in-time discussions.
- Our product owner is available to discuss features during the iteration.
- We acknowledge that not all details can be conveyed in written specifications.

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Requirements. Emergence

- Change is a natural part of our business; we accept it and embrace it at reasonable times.
- Product owners can change requirements without a lot of fuss.
- Development teams can request and negotiate requirements changes with product owners.
- Product owners acknowledge that sometimes features turn out to be bigger than anyone thought.

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Assessment philosophy

- Not trying to determine maturity levels
- Organizations do not need to be perfect
 - Only better than their competitors
- Lead to the idea of a Comparative Agility Assessment
 - "How am I doing compared to my competition?"



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17









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How does a company use this data?

- Stock their improvement backlog with items for teams (including non-delivery teams) to work on
- Identify Big Hairy Audacious Goals (BHAGs) to ask teams to meet
 - Identify leading and lagging indicators of success to gauge and measure progress



29

30

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Di co	mensions of mpany	ar) E	eXa	ar	np	le
Teamwork	Directed; individuals work in silos; multiple locations; multiple projects						Self-organizing, cross-functional teams; dedicated team members; collocated
Requirements	Document-centric; collected upfront; little acknowledgement of emergence			×			Collected at different levels of detail; progressively refined; conversation-focused, augmented with documentation
Planning	All-encompassing, task-oriented plans created upfront; reluctance to update plans; little buy-in to dates from team			×			Created at multiple levels of detail; frequently updated; created by team with full buy-in
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	Technical Practices	Code written by programmers working alone; little emphasis on testing; code becomes harder to maintain over time; infrequent integration and system builds		Code written in pairs using test- driven development; code not allowed to degrade over time; frequent integration; system built and tested at least once per day
	Quality	Quality is tested in after development; little emphasis on or effective use of automation		Quality is built into the product during each iteration; automated unit and acceptance tests
	Culture	Satisfied with status quo; meets deadlines through heroic effort; command-and-control	×	Trusting, collaborative, and adaptive
	Knowledge Creating	Infrequent or ineffective reflection and team interactions; inconsistent use of iterations		All work performed in strictly adhered-to iterations; frequent reflection; focus on team learning
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