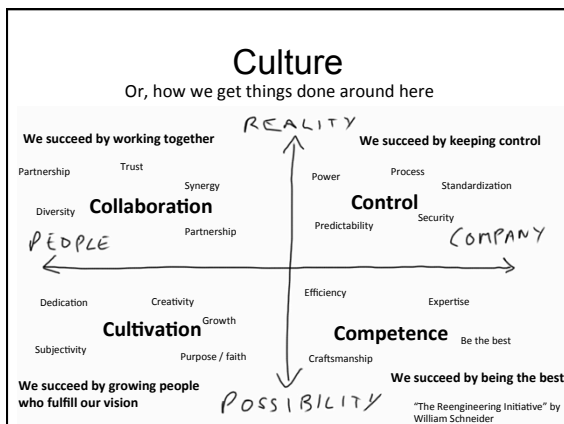


Agile Methodologies and Culture

A Module in Agile Fundamentals

Agile Methodologies





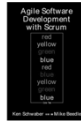
What Flavor of Agile?

- Scrum
- Crystal Clear
- Extreme Programming (XP)
- Adaptive Software Development
- Feature Driven Development
- Dynamic Systems Development Method (DSDM)
- Lean Software Development

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Scrum

- Primarily a project management method
 - Project planning
 - Release planning
 - User Stories
 - Daily stand-up
 - Story points
 - Velocity



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Extreme Programming (XP)

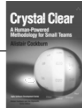
- Primarily a developer-centric approach
 - Test Driven Development (TDD)
 - Unit tests
 - Pairing
 - Continuous Integration (CI)
 - Refactoring



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Crystal Clear

- Focuses on people, not methods or artifacts
 - Teams of 6 to 8
 - Co-location
 - Reflective improvement
 - Team safety
 - Singular focus



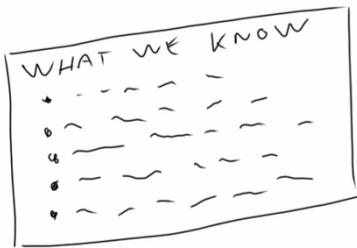
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Lean Software Development

- Optimize the whole
- Eliminate waste
- Build quality in
- Learn constantly
- Deliver fast
- Engage everybody
- Keep getting better



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Anybody write-down any of these methods on their card?

So What?			
Goal	Fundamentals	Ceremonies	Techniques
Deliver high-value, high-quality working software quickly and frequently	Short feedback loops	Training	<i>Iterations</i>
		Project kick-off	<i>User stories</i>
	Inspect and adapt	Release planning	<i>Co-location</i>
		Iteration planning	<i>Task cards</i>
	Collaboration and teamwork	Daily stand-up	<i>Story board</i>
		Review / demo	<i>Burn chart</i>
		Retrospective	<i>Grooming the backlog</i>
			<i>TDD</i>
			<i>Planning poker</i>
			<i>Done-done-done</i>
			<i>Pairing</i>
			<i>Unit tests</i>
			<i>Participate</i>
			<i>Continuous integration</i>



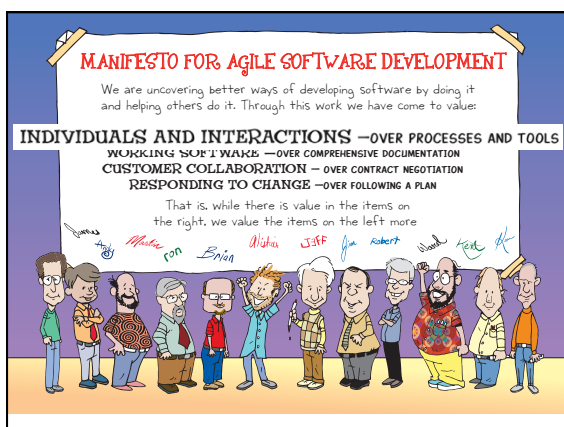




exercise

The Agile Manifesto

- Preparation**
Agile Manifesto in your workbook
- Break into 4 groups**
- Discuss why you think the manifesto is arranged this way, and why the items on the left or more important to us than those on the right.**
- You may be asked to share your answers with the rest of the workshop**









Questions?
