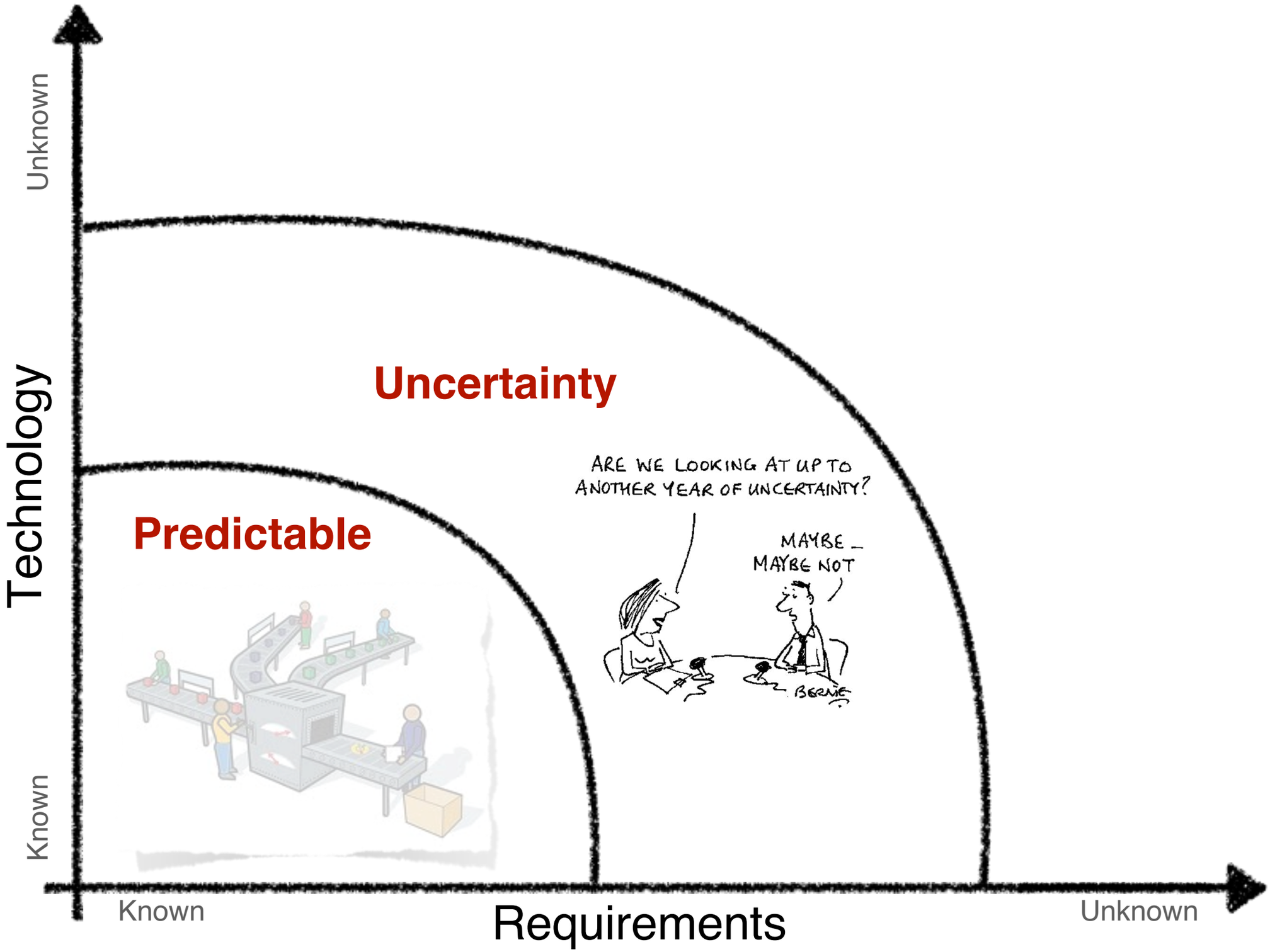
THE LEARNING EXPERTS

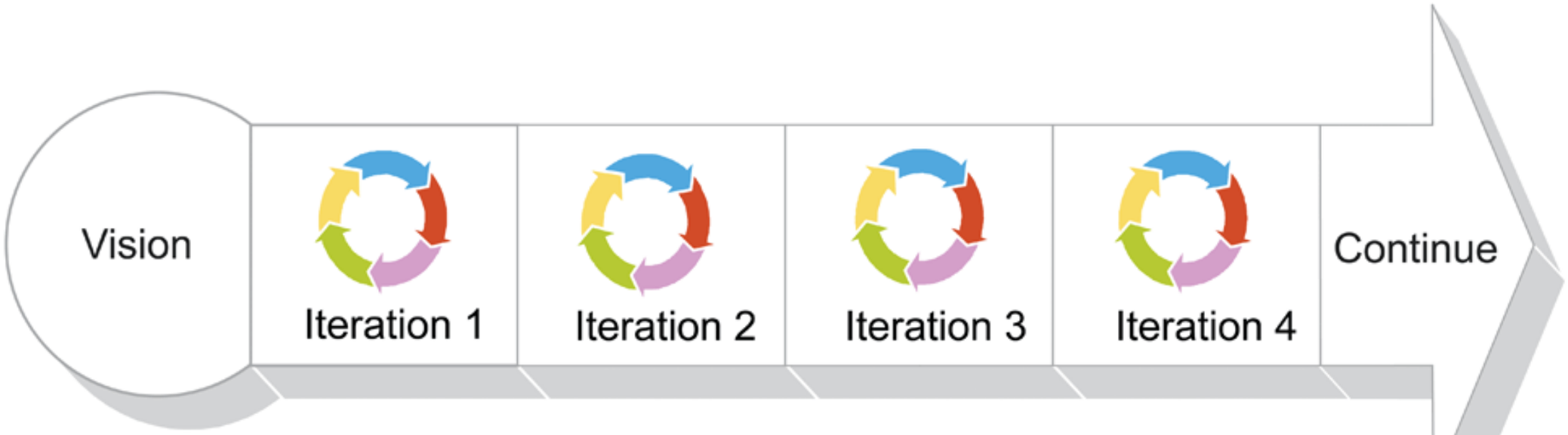
Scrum Fundamentals

Session Starts at 2:00pm

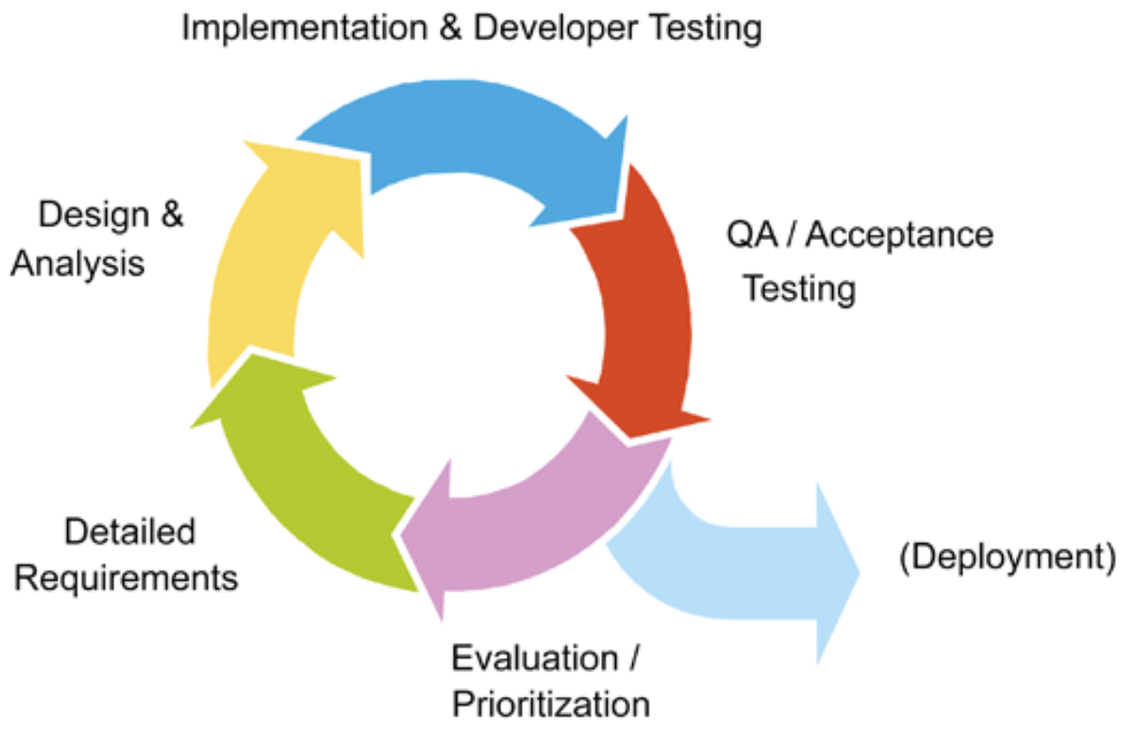
When?


Unknown
Technology
Uncertainty
ARE WE LOOKING AT UP TO ANOTHER YEAR OF UNCERTAINTY?
MAYBE _ MAYBE NOT
BERNIE
Predictable
Known
Known
Requirements
Unknown

When?



Iteration Detail



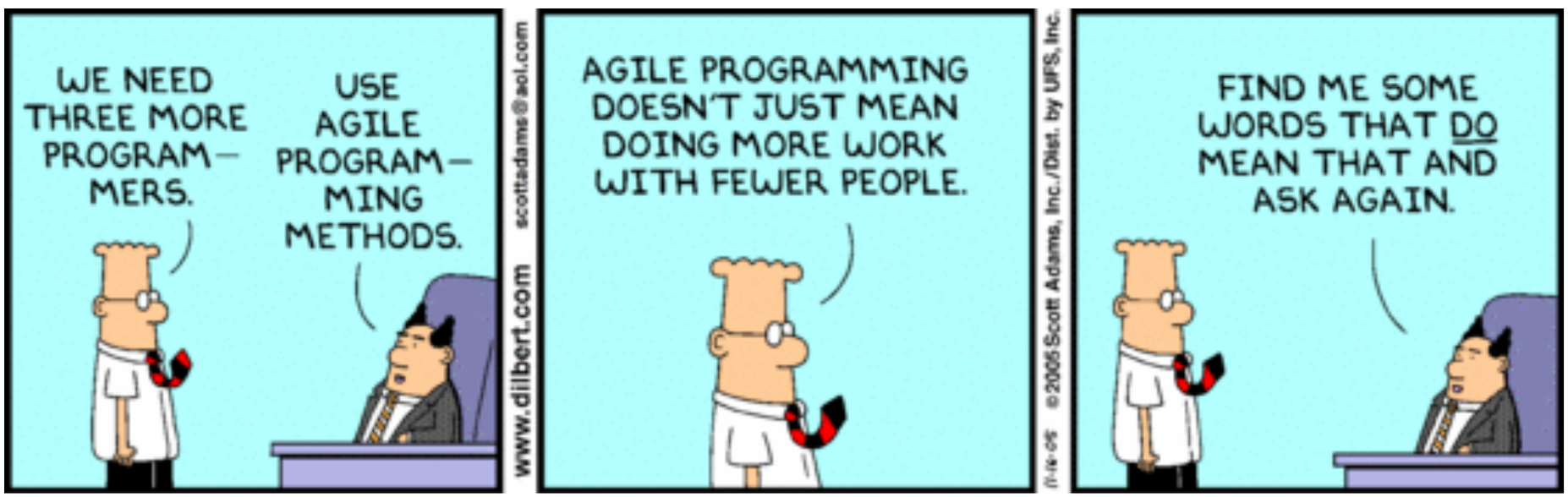
Agile Methods…

Scrum

Extreme Programming (XP)

Feature Driven Development (FDD)

- Dynamic Systems Development Method (DSDM)
- Crystal Family of Methods:
  - Crystal Clear, Crystal Yellow, Crystal Orange etc.



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Four Values

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

Individuals and interactions over processes and tools

Working software over comprehensive documentation

Customer collaboration over contract negotiation

Responding to change over following a plan

That is, while there is value in the items on the right, we value the items on the left more

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Twelve Principles

Our highest priority is to satisfy the customer through early and continuous delivery of valuable software.

Welcome changing requirements, even late in development. Agile processes harness change for the customer's competitive advantage.

Deliver working software frequently, from a couple of weeks to a couple of months, with a preference to the shorter timescale.

Business people and developers must work together daily throughout the project.

Build projects around motivated individuals. Give them the environment and support they need and trust them to get the job done.

The most efficient and effective method of conveying information to and within a development team is face-to-face conversation.

Working software is the primary measure of progress.

Agile processes promote sustainable development. The sponsors, developers, and users should be able to maintain a constant pace indefinitely.

Continuous attention to technical excellence and good design enhances agility.

Simplicity--the art of maximising the amount of work not done--is essential.

The best architectures, requirements, and designs emerge from self-organising teams.

At regular intervals, the team reflects on how to become more effective, then tunes and adjusts its behaviour accordingly.

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Scrum Values

COURAGE

Scrum Team members have courage to do the right thing and work on tough problems

FOCUS

Everyone focuses on the work of the Sprint and the goals of the Scrum Team

COMMITMENT

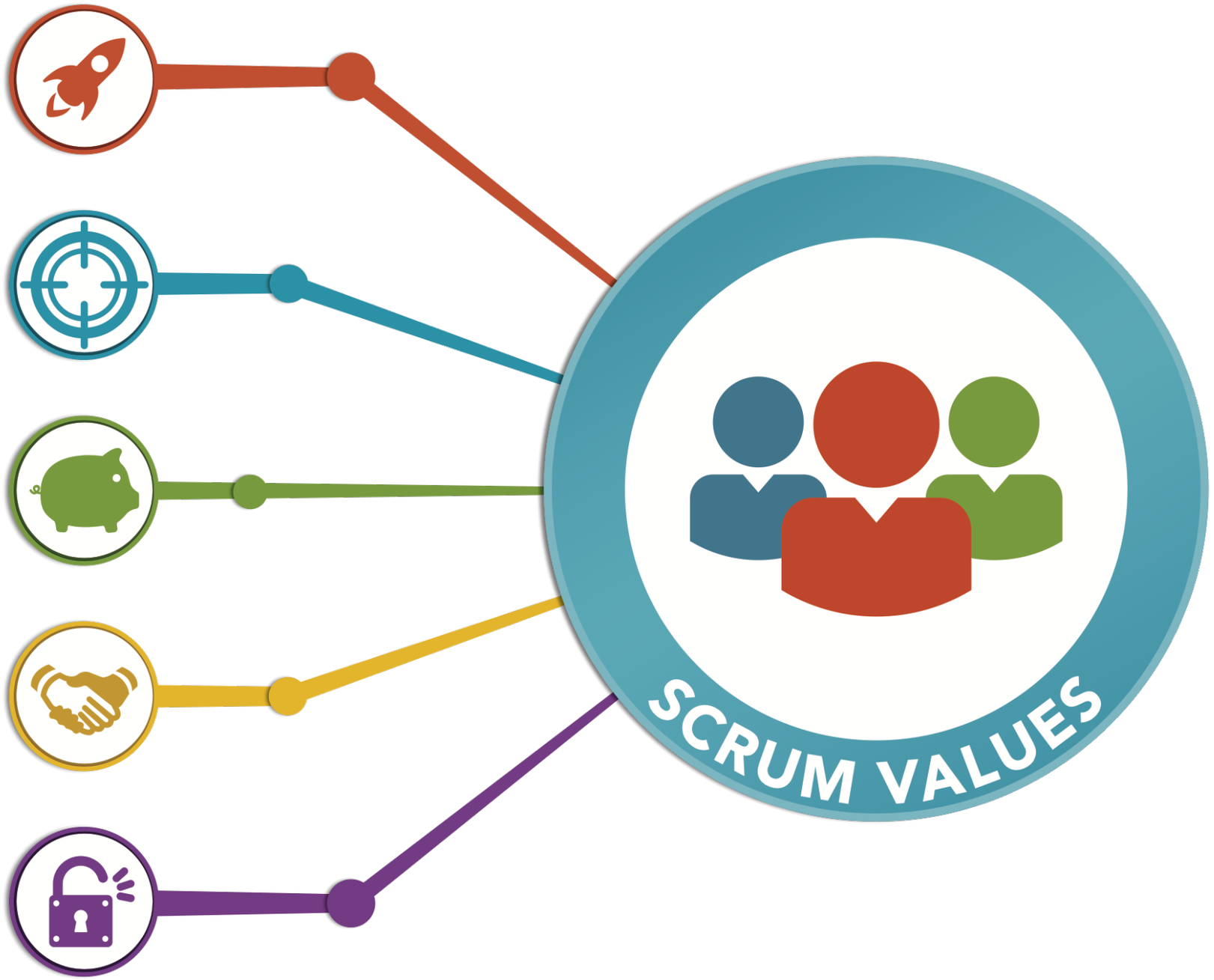
People personally commit to achieving the goals of the Scrum Team

RESPECT

Scrum Team members respect each other to be capable, independent people.

OPENNESS

The Scrum Team and its stakeholders agree to be open about all the work and the challenges with performing the work



Scrum Values

When the values of commitment, courage, focus, openness and respect are embodied and lived by the Scrum Team, the Scrum pillars of transparency, inspection, and adaptation come to life and builds trust for everyone. The Scrum Team members learn and explore those values as they work with the Scrum events, roles and artifacts.

Successful use of Scrum depends on people becoming more proficient in living these five values. People personally commit to achieving the goals of the Scrum Team. The Scrum Team members have courage to do the right thing and work on tough problems. Everyone focuses on the work of the Sprint and the goals of the Scrum Team. The Scrum Team and its stakeholders agree to be open about all the work and the challenges with performing the work. Scrum Team members respect each other to be capable, independent people.

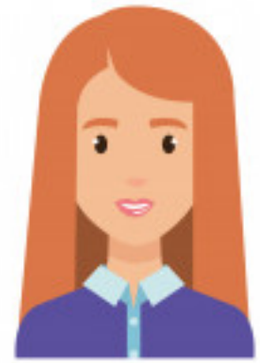
The Scrum Guide™

The Definitive Guide to Scrum:
The Rules of the Game

3 Main Scrum Roles

Product Owner

Development Team



Scrum Master

Stakeholders

Product Owner

- Responsible for maximising the business value of the team.
- One Person Only
- Represent the stakeholders
- Has full decision-making ability
  - Accepts and rejects work
  - Helps the team define ‘Done’

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Development Team

- Cross Functional
- Must have a core of stable team members
- Co-Location
- Self-organised
- Empowered to Act - motivated to do so
- Accountable - Value / Open / Honest
- Focused
- LEAN

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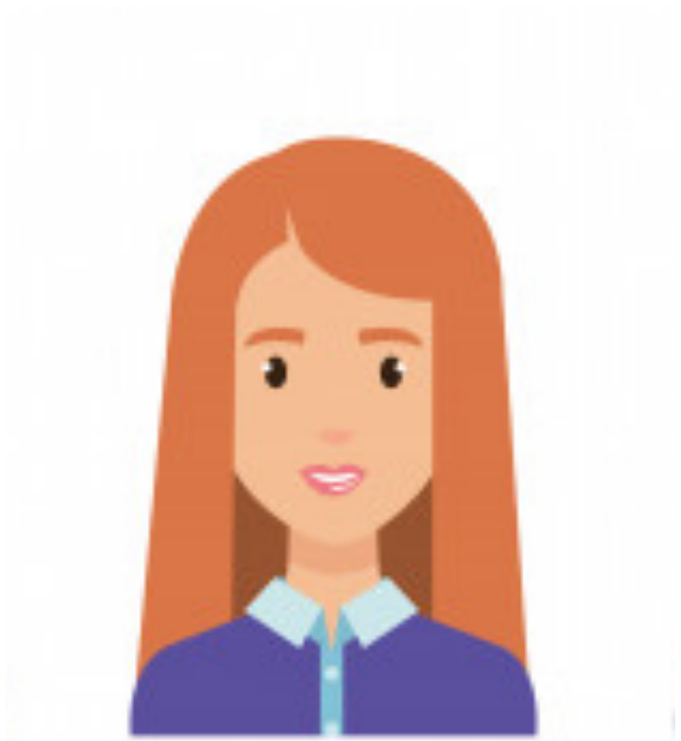
Scrum Master

- Responsible for facilitating the scrum process
- Helps build self-organising teams
- Helps remove obstacles and impediments
- Helps the team improve and adapt - challenges the Status Quo
- Servant Leadership (Coaching)



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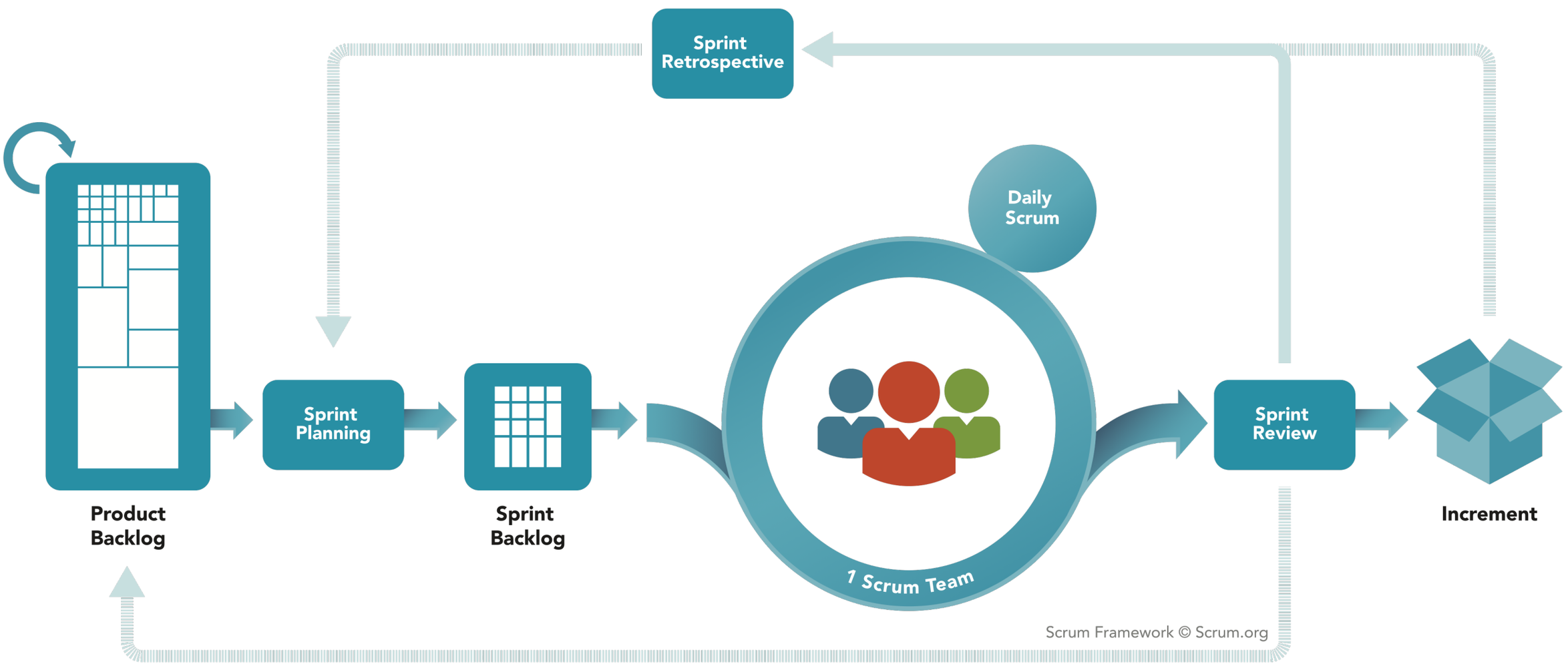
Scrum Framework



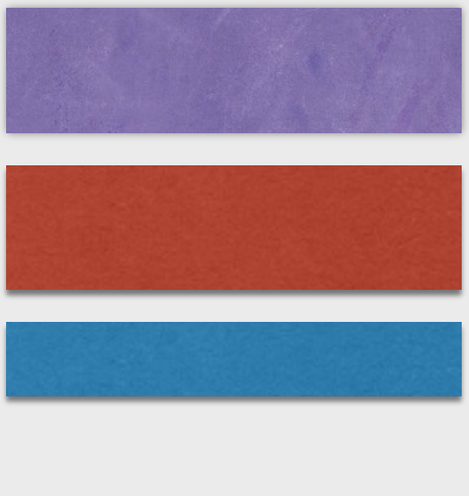
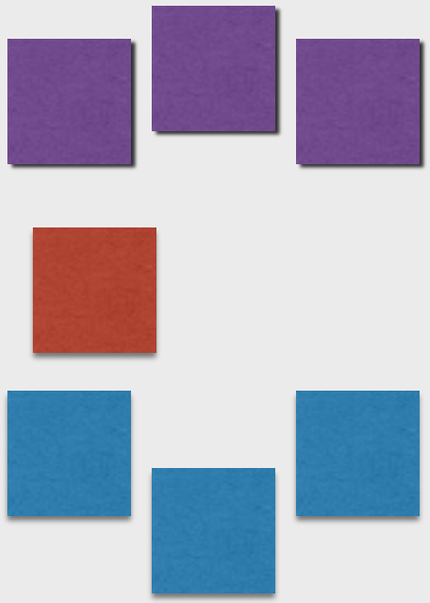
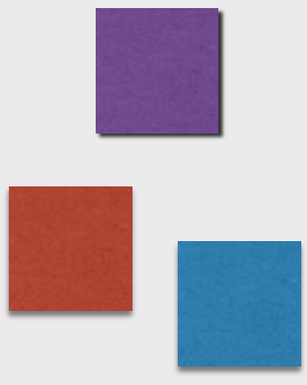
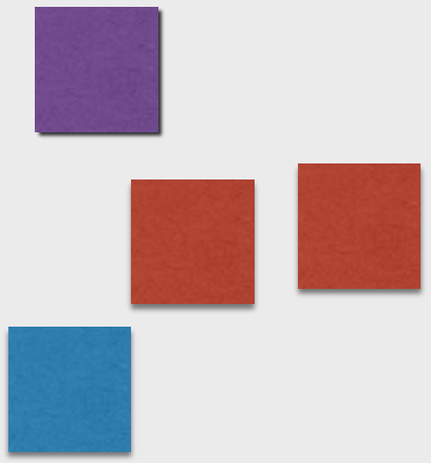
Agenda

- Each team member will report to the other team members the answer to the following 3 questions:

1. What did I do yesterday?

2. What will I do today?

3. What impedes me?

Committed Backlog Items	Not Started	In Progress	Complete
			

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