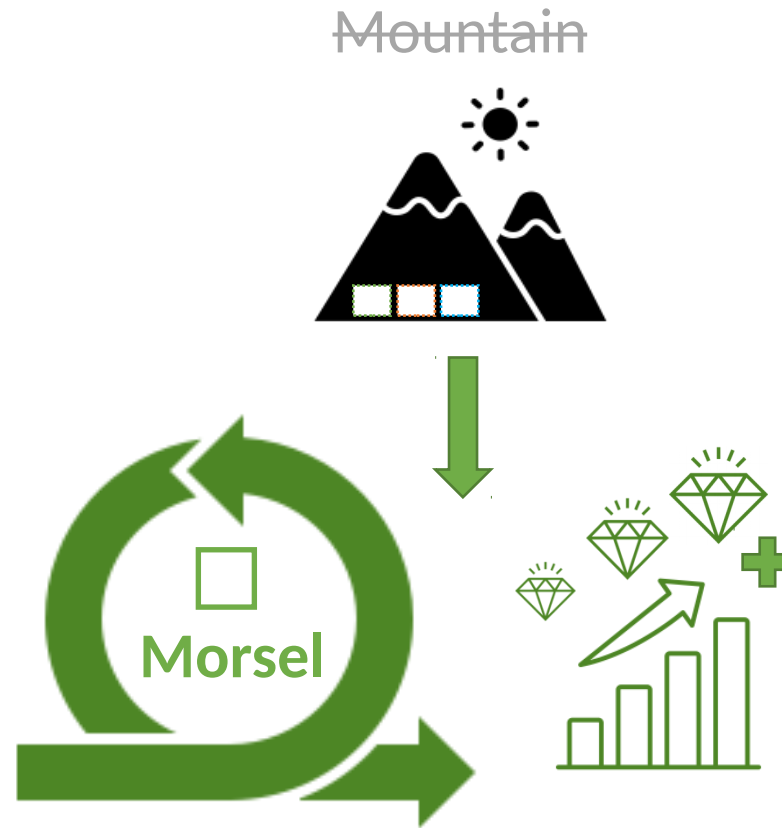


Agile Thinking

Why? What? How?



Who Am I?

Andy
Bleach



A word cloud shaped like a cloud, containing various agile and coaching terms. The words are in different shades of blue and are arranged in a way that they overlap and fit within the cloud's outline. The most prominent words are 'agile thinking', 'coaching', 'team building', 'facilitator', and 'continuous improvement'. Other words include 'team lead', 'education', 'evolutionary delivery', 'programmer', 'devops', 'kanban', 'training', 'critical thinking', 'quality', 'technical lead', 'process development', 'software development', 'scrum master', and 'improvement'.

team lead
facilitator
education
evolutionary delivery
programmer
team building
devops
agile thinking
continuous improvement
kanban
training
coaching
critical thinking
quality
technical lead
process development
software development
scrum master

Agenda

1. Once upon a time...
2. What is Agile Thinking?
3. Exercise: Agile in practice
4. Summary & Questions

Objectives

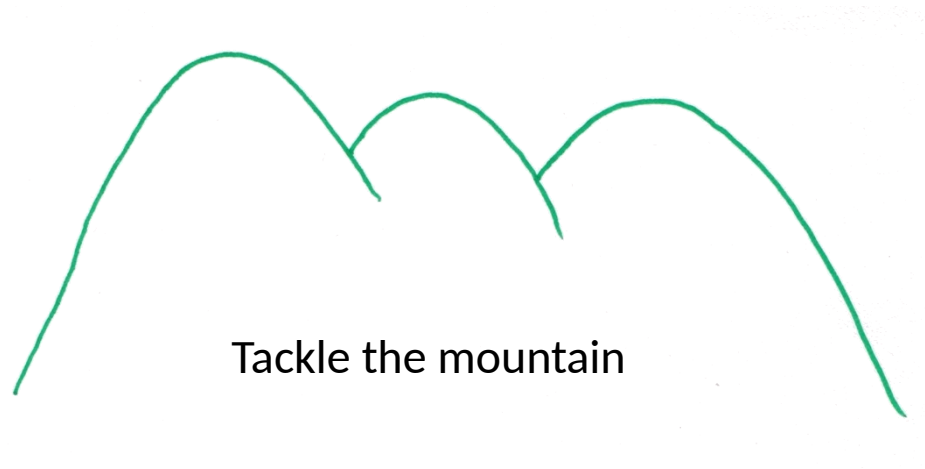
By the end of today's session you will be able to:

1. Explain why agile thinking developed
2. Describe some of the key elements of agile thinking
3. Understand some of the benefits and challenges in using agile thinking

Why?

A story of mountains and morsels...

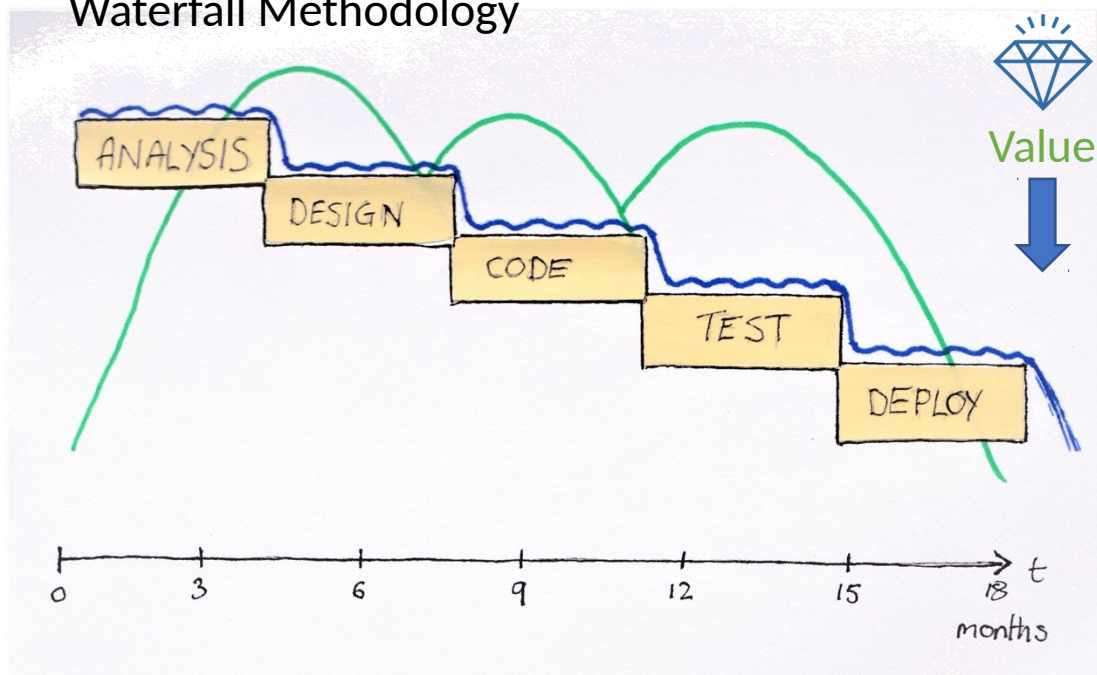
The traditional approach to software development (borrowed from engineering)...



Up-front Planning

Why
Agile?

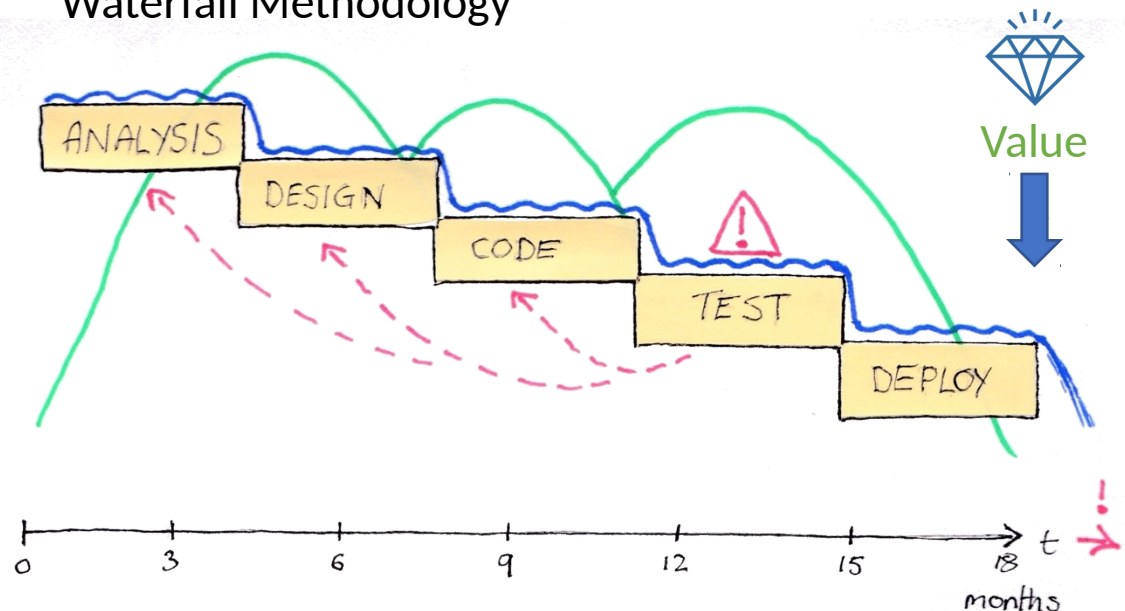
Waterfall Methodology



Unknowns

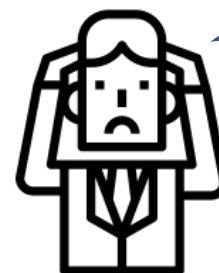
Why
Agile?

Waterfall Methodology



Unknowns

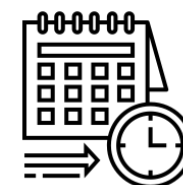
Why Agile?



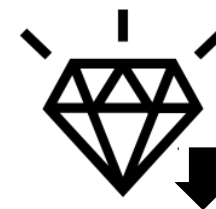
We're not going to deliver on time!



More resource
(More money!)

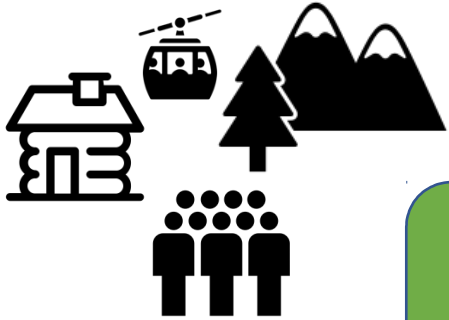


More time
(Delay release)



Reduce quality
(Deliver less)

Agile Thinking - The 'Beginning'



- February 2001
- Ski Lodge, Utah
- 17 IT Professionals

"We are uncovering better ways of developing software by doing it and helping others do it"

Empiricism:
Knowledge comes only or
primarily from sensory
experience

Why
Agile?

Manifesto for Agile Software Development

We are uncovering better ways of developing software by doing it and helping others 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

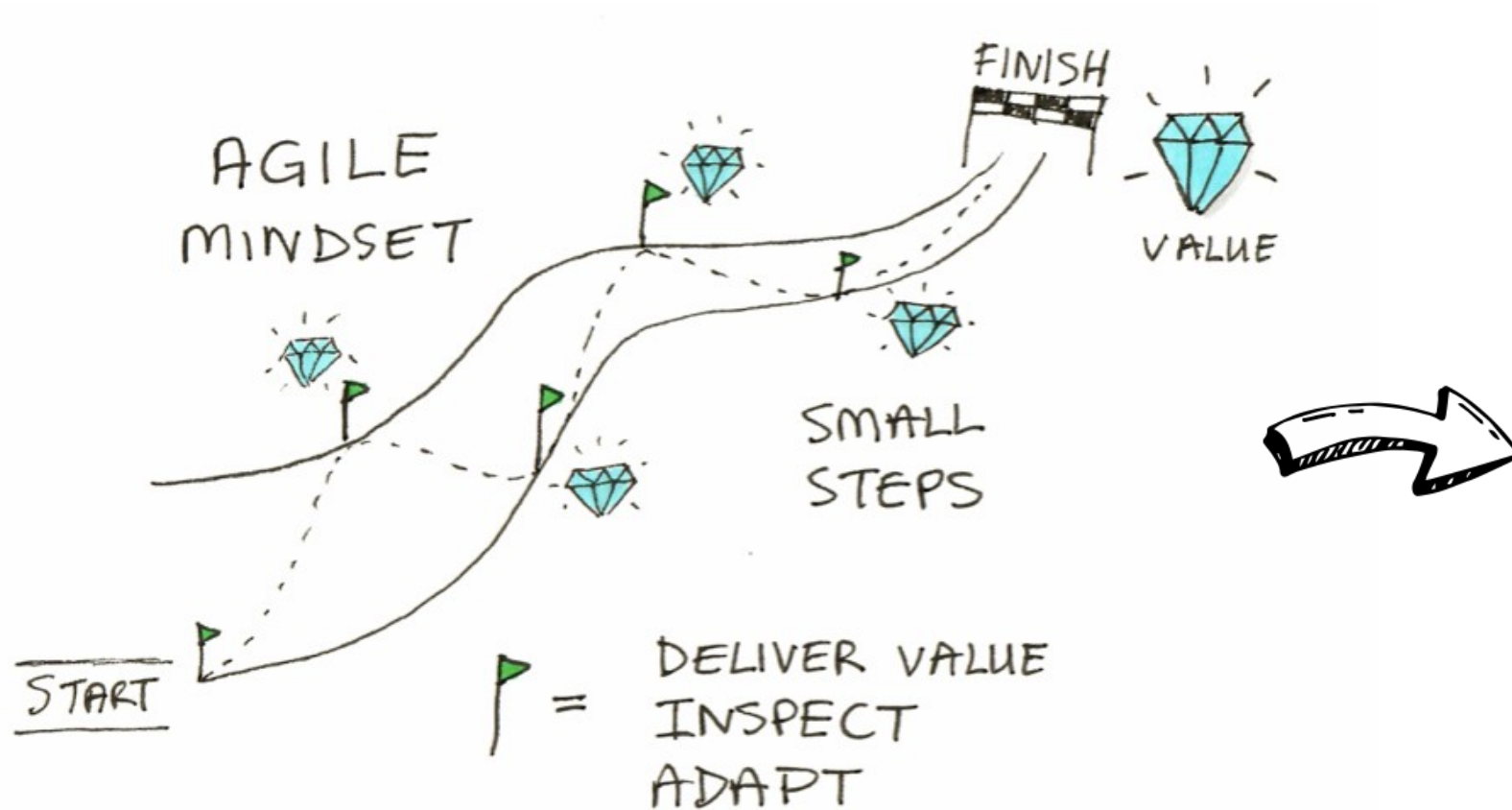
That is, while there is value in the items on the right, we value the items on the left more.

Kent Beck	James Grenning	Robert C. Martin
Mike Beedle	Jim Highsmith	Steve Mellor
Arie van Bennekum	Andrew Hunt	Ken Schwaber
Alistair Cockburn	Ron Jeffries	Jeff Sutherland
Ward Cunningham	Jon Kern	Dave Thomas
Martin Fowler	Brian Marick	

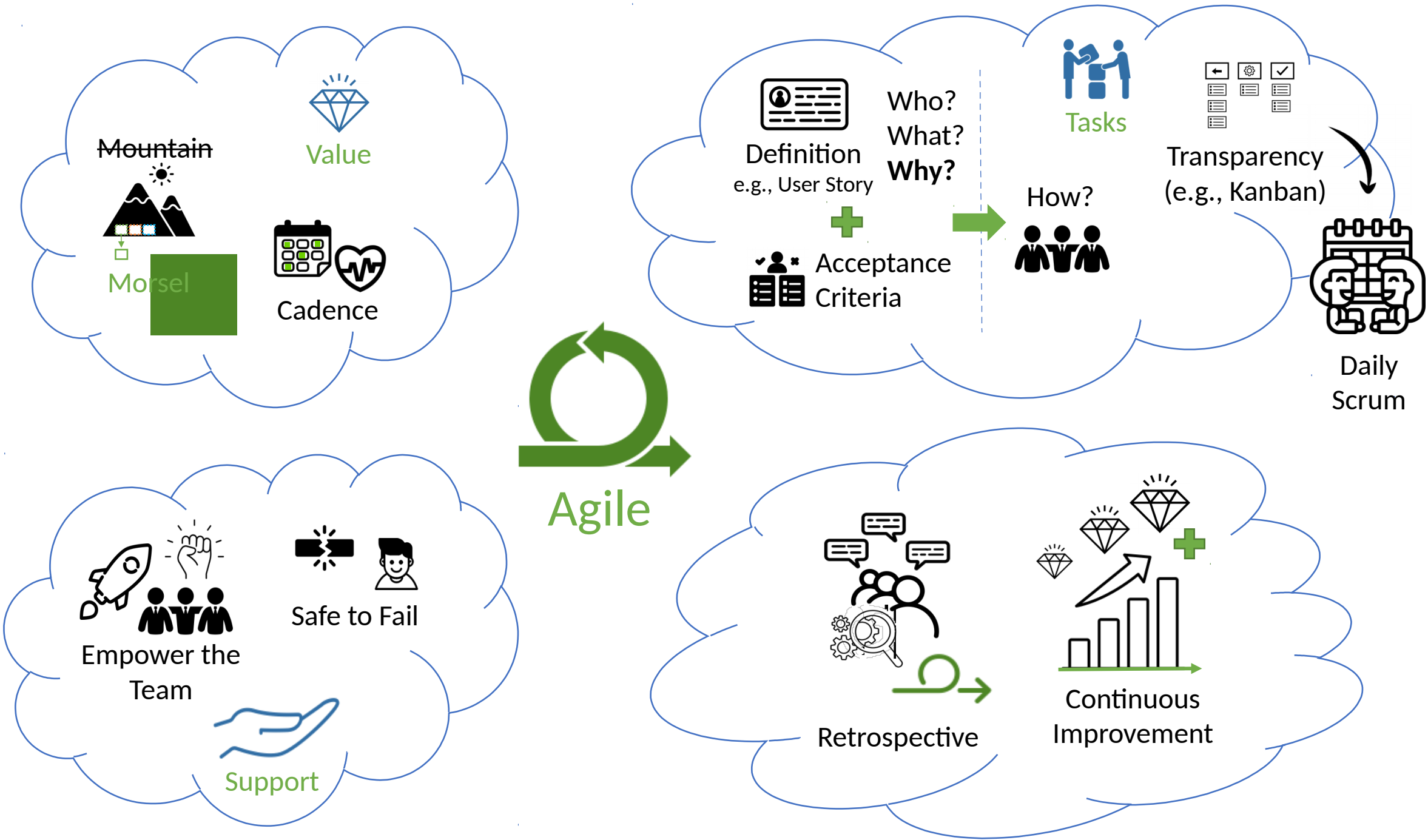
What?

Typical elements of Agile Thinking

Agile Thinking - The Mindset



Frameworks
e.g., Scrum



How?

Team exercise

Exploring agile thinking continuous improvement



Teams of 3 (or 4)

Exercise Part 1

Step 1: Plan
Step 2: Research
Step 3: Reflect & Adjust

Exercise Part 2

Step 1: Research
Step 2: Reflect

Team Exercise: Part 1

User Story

As a team

we need to be able to research and record an agreed number of agile related facts
so that we can explain each of them in a short presentation to someone who is new to agile thinking

Acceptance Criteria:


After the research phase is complete, any member of the team should be able to present the gathered information to an audience if called upon.

Step 1 – Planning (3 minutes)

As a team, decide how you will approach this challenge.

You will have a Kanban board to help you if you wish. You will have 2 minutes to complete your research.

Team Exercise: Part 1, Step 2 – Research (2 minutes)



IBS Agile Jan 04 - Task 1

<

1 / 12

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⋮

Share

A

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🔍

Set background

Clear frame

1

To Do

Done

Agile Thinking

Team Exercise: Part 1

Step 2 – Research (2 minutes)

Visit the following web site and navigate to the page with your team number in the top left corner:

<https://tinyurl.com/agilejam01a>

Here you will see the topic for your research plus a simple Kanban style board to record your results.

Your time starts now! ^^

Team Exercise: Part 1

Step 3 – Retrospective (4 minutes)

As a team, discuss how your research task went.

What worked well?

What did not work so well?

Did everyone contribute and feel involved?

Identify at least 1 specific thing that can you do differently to improve next time.

Team Exercise: Part 2

Step 1 – Research (2 minutes)

Visit the following web site and navigate to the page with your table number in the top left corner:

<https://tinyurl.com/agilejam02a>

Here you will find a Kanban board containing the 8 items you must research. Your time starts now! ^^

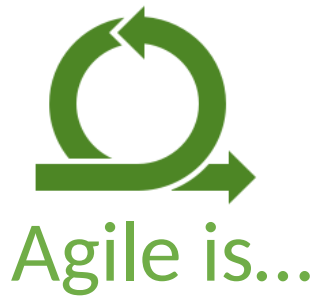
Team Exercise: Part 2

Step 2 – Retrospective (3 minutes)

- How did the second exercise compare with the first?
- Did you implement your changes?
- Did they make the desired improvement?
- How can you make use of small step, continuous reflection and improvement in your study and work?

Open Discussion

What challenges do you think businesses/teams might face when trying to adopt agile thinking?



A way of thinking
with huge potential
to radically
transform...

...but tarnished
by many poor
implementations

Something
you are...

...not
something
you do

A journey of
continuous
improvement...

...not a
quick, one-
off fix

Adaptable to
many scenarios...

...but not
necessarily the
best approach

A mindset...

...not a
tick list

Easy to
understand...

...but
challenging to
implement

Summary

Can you:

1. Explain why agile thinking developed?
2. Describe some of the key elements of agile thinking?
3. Discuss some of the benefits and challenges encountered when using agile thinking?

Questions?

Thank you



🔍 #andy-bleach