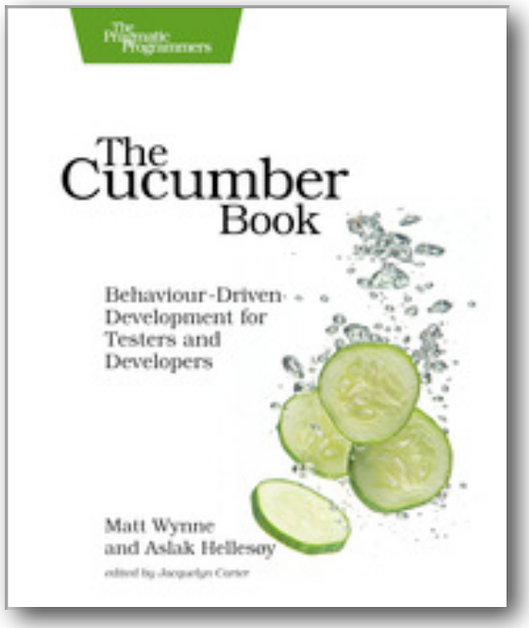
What is BDD?

...and why should I care?

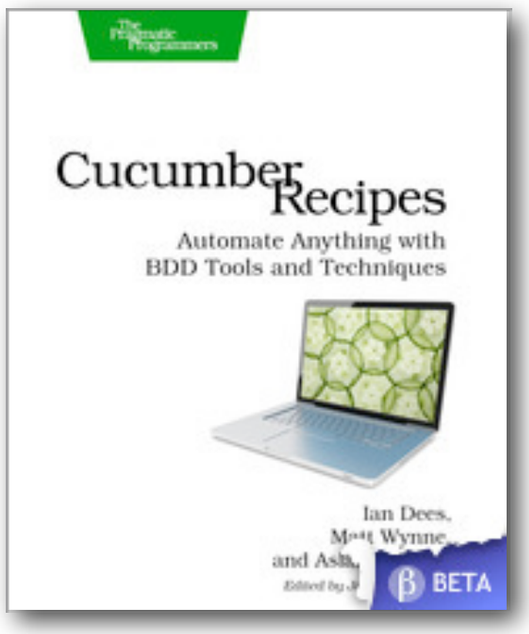
@mattwynne | Scottish Testing Specialist Group | October 2013

Who?





KICKSTART ACADEMY

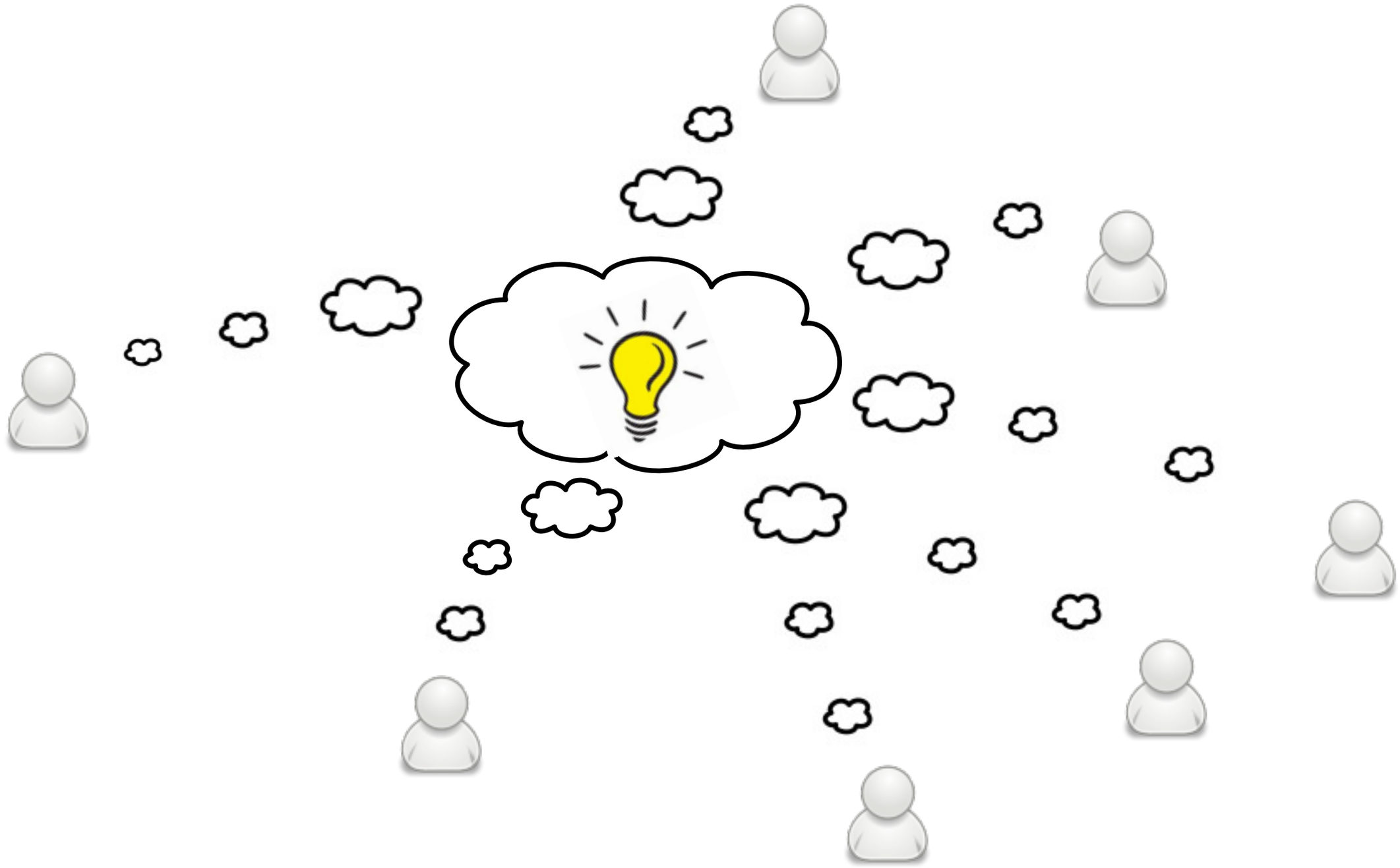


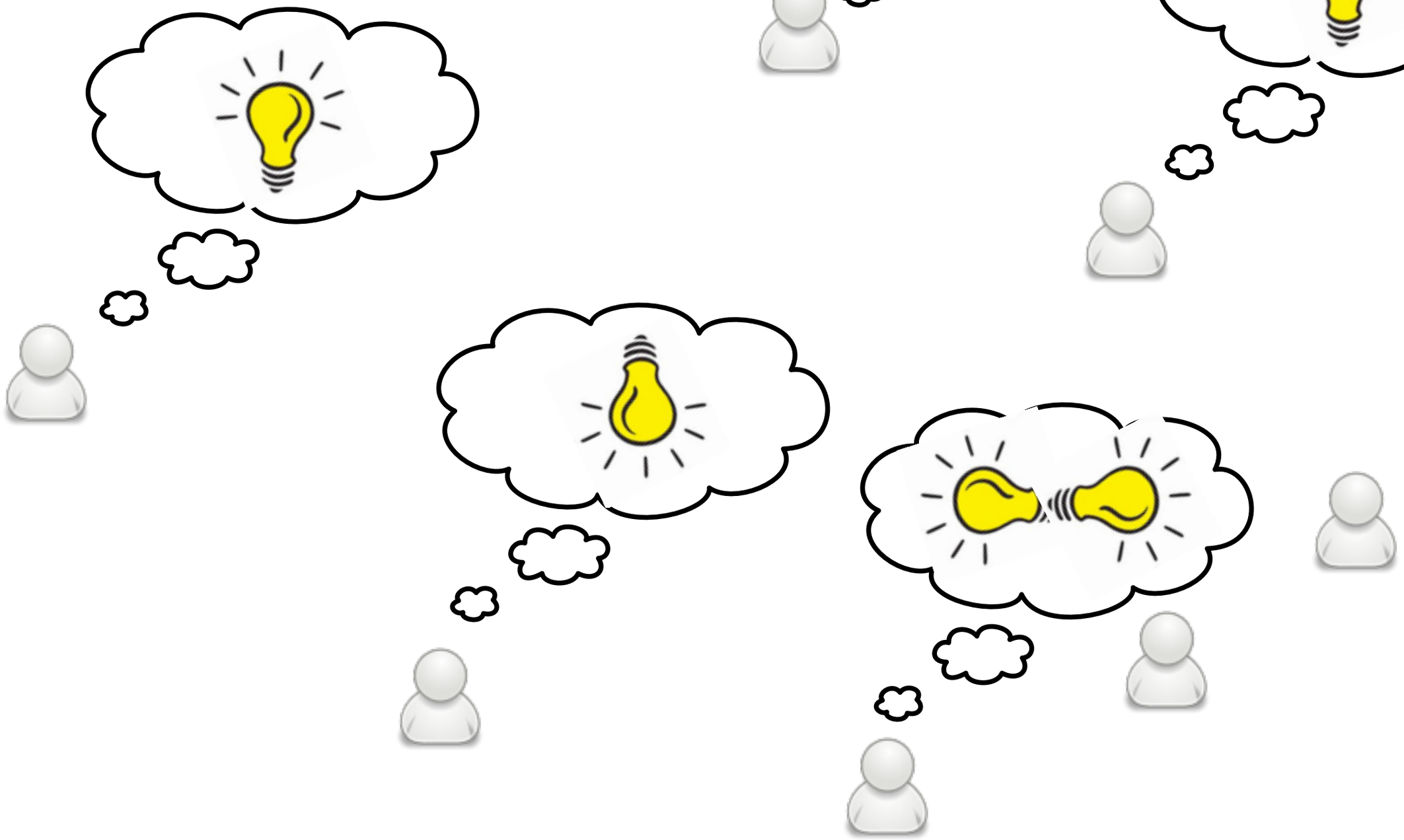
Cucumber Pro

Collaborative Specifications







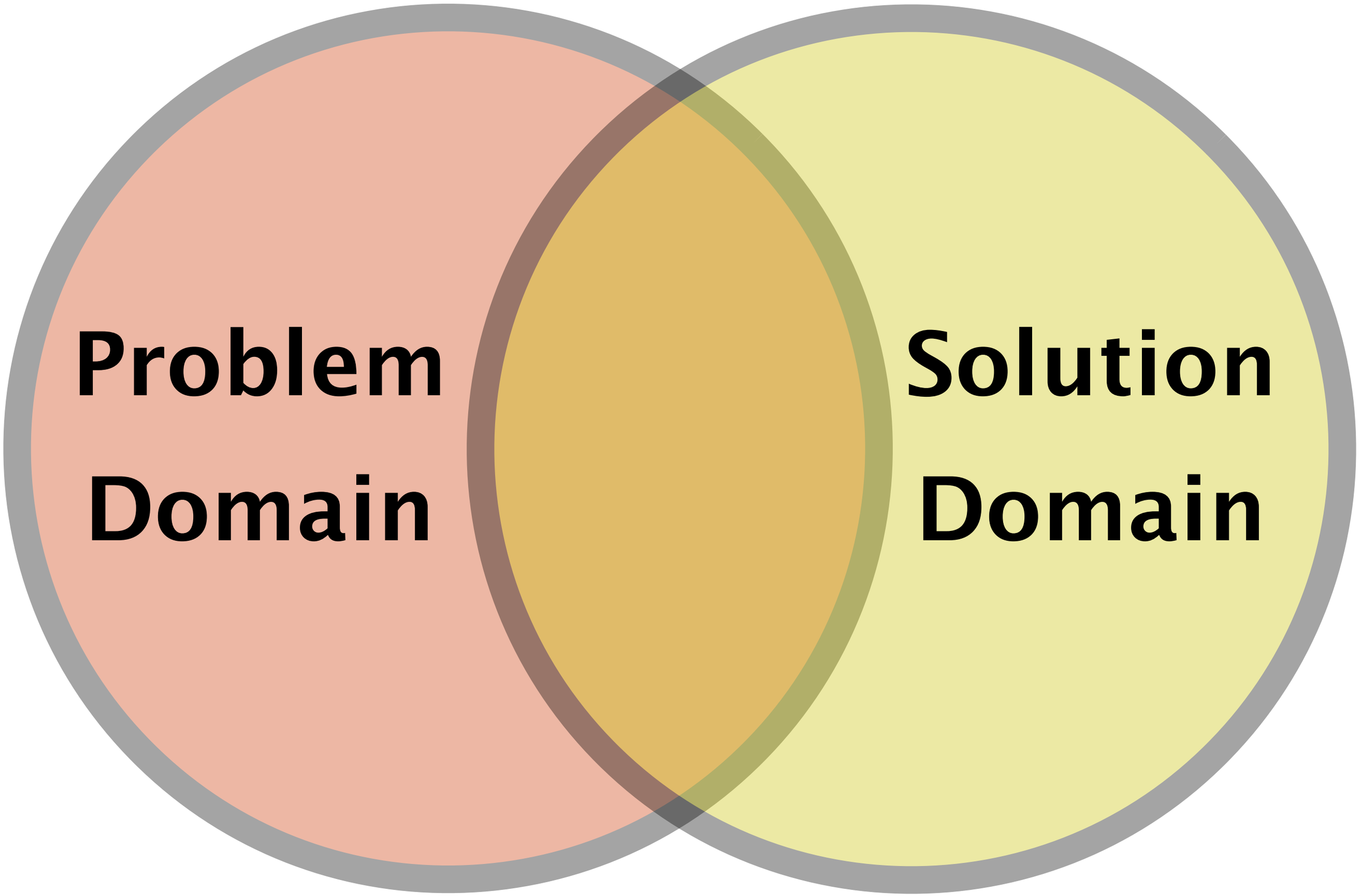




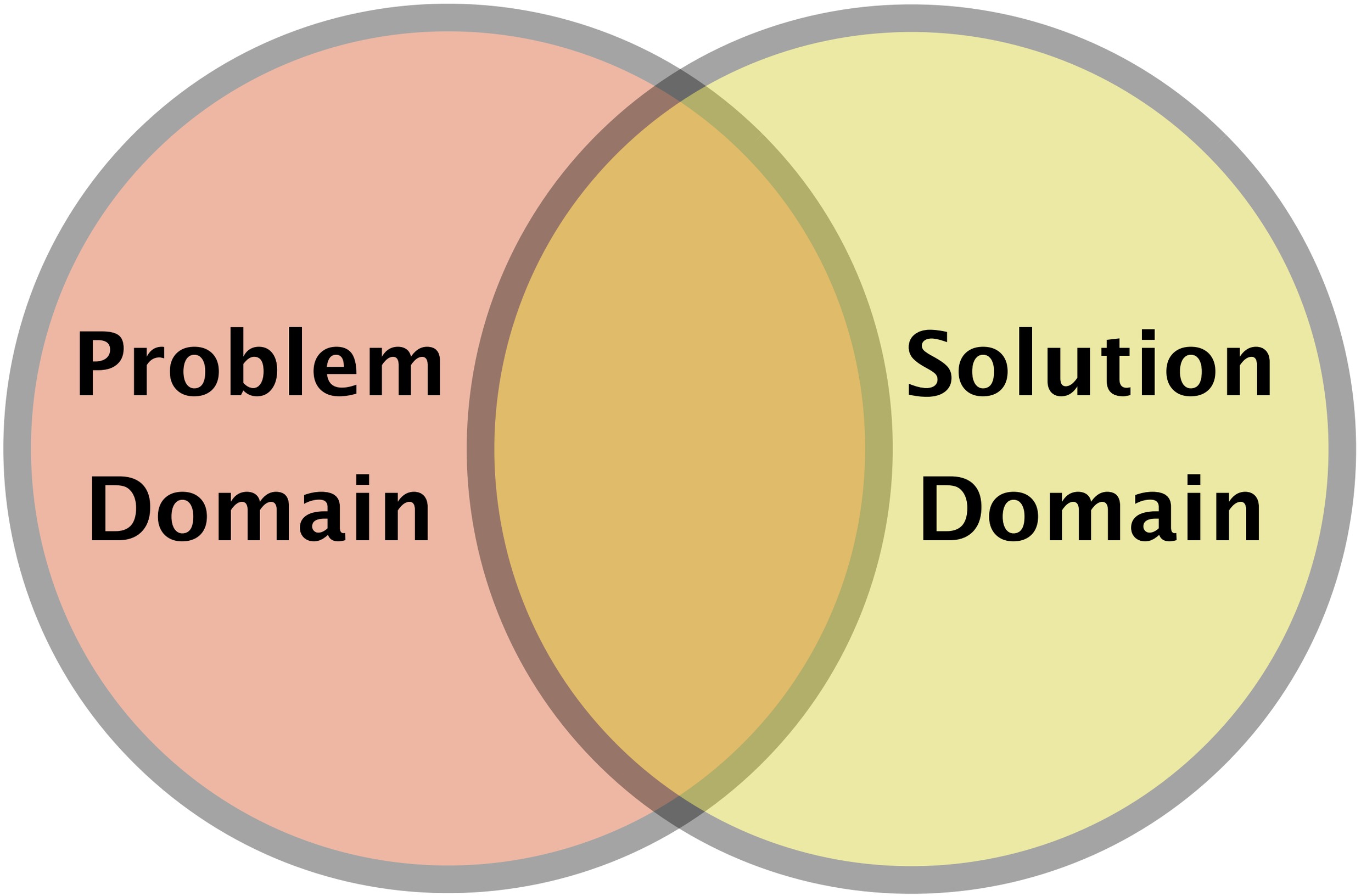
Stakeholders,
Customers,
Users



Programmers,
Testers


Problem
Domain
Solution
Domain

Ubiquitous Language


Problem
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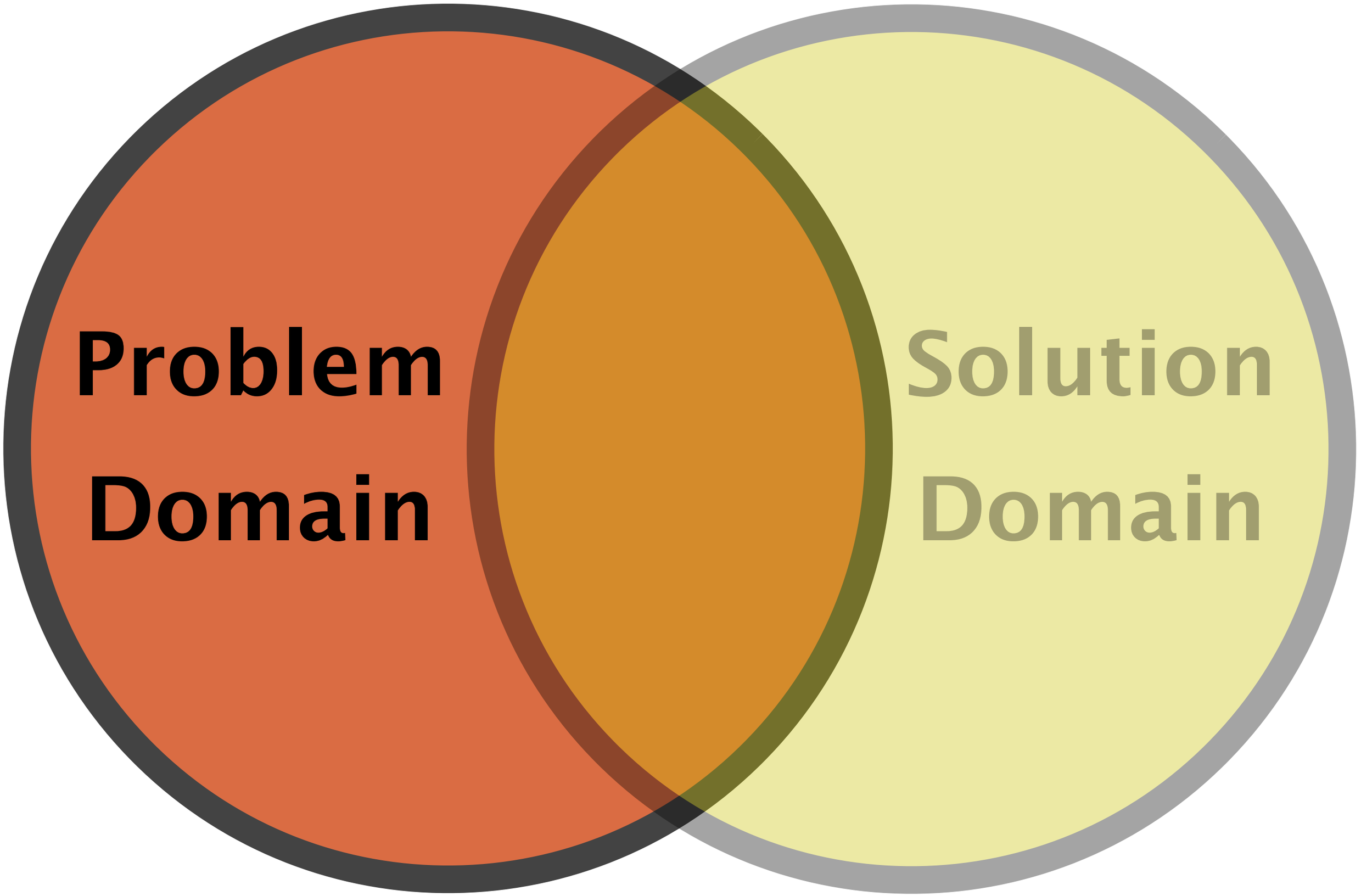
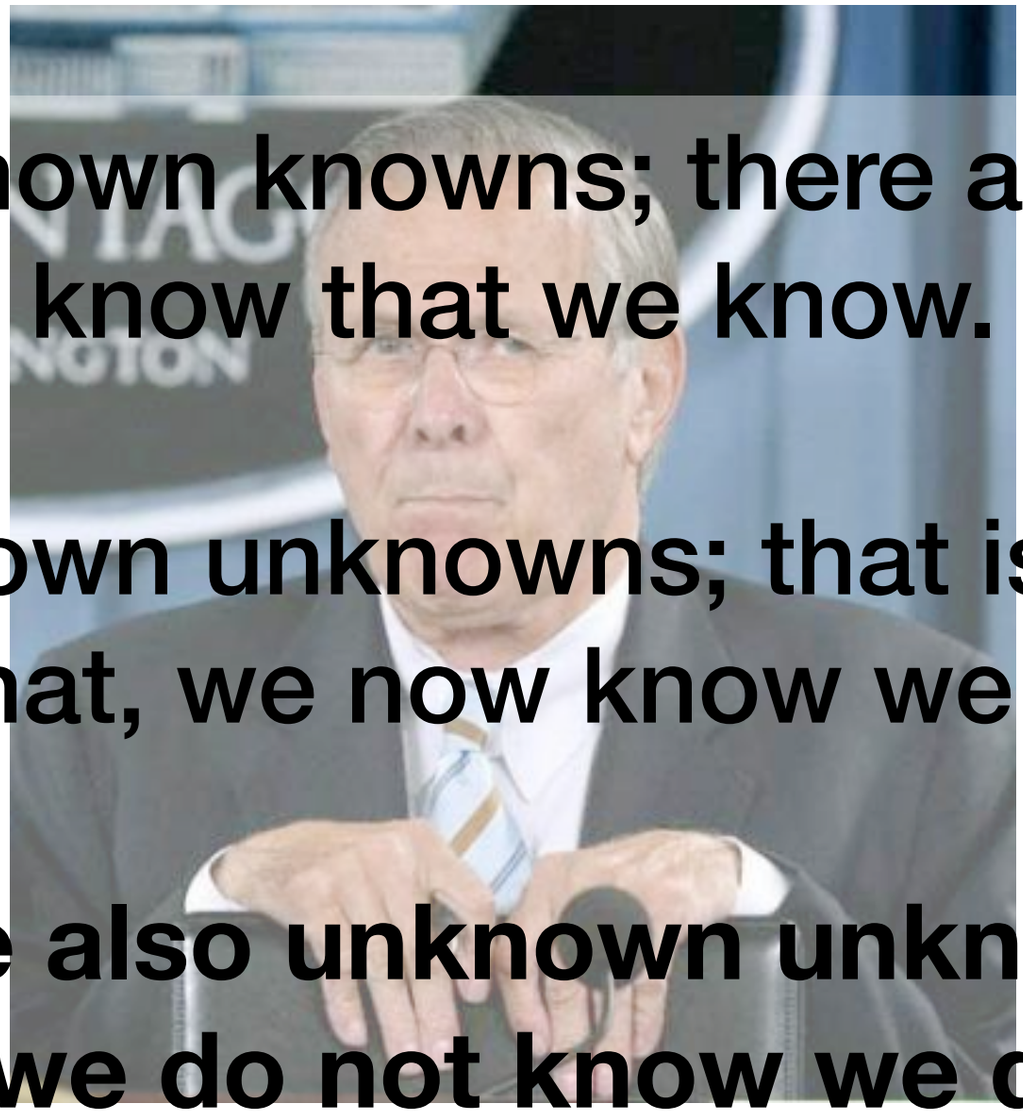

Problem
Domain
Solution
Domain

Deliberate discovery

There are known knowns; there are things we know that we know.



There are known unknowns; that is to say there are things that, we now know we don't know.

But there are also unknown unknowns – there are things we do not know we don't know.

ASSUME

YOU'RE

IGNORANT

Ideas

Requirements

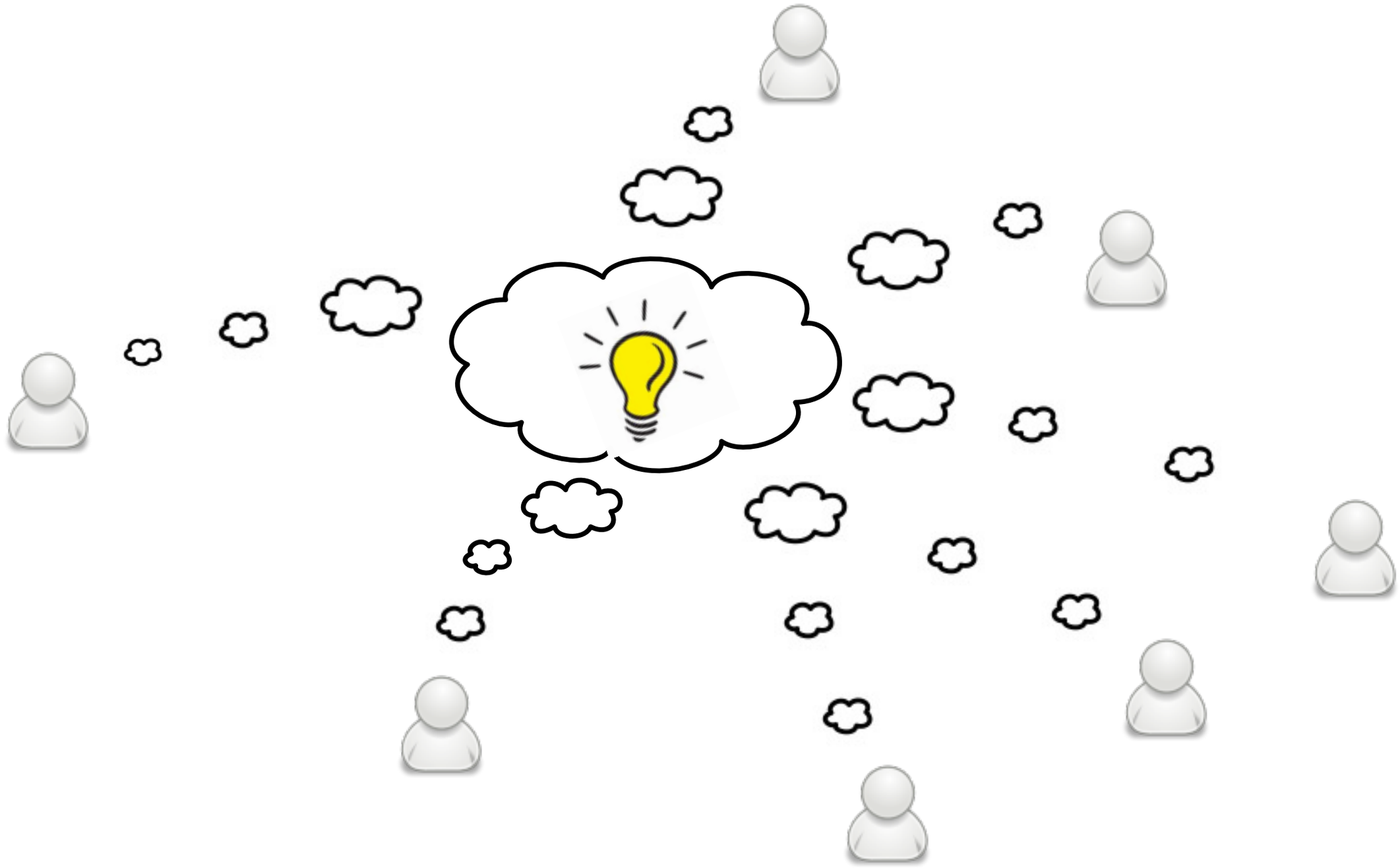


Automated Tests

Code

CONVERSATIONS





Problem Domain

Solution Domain

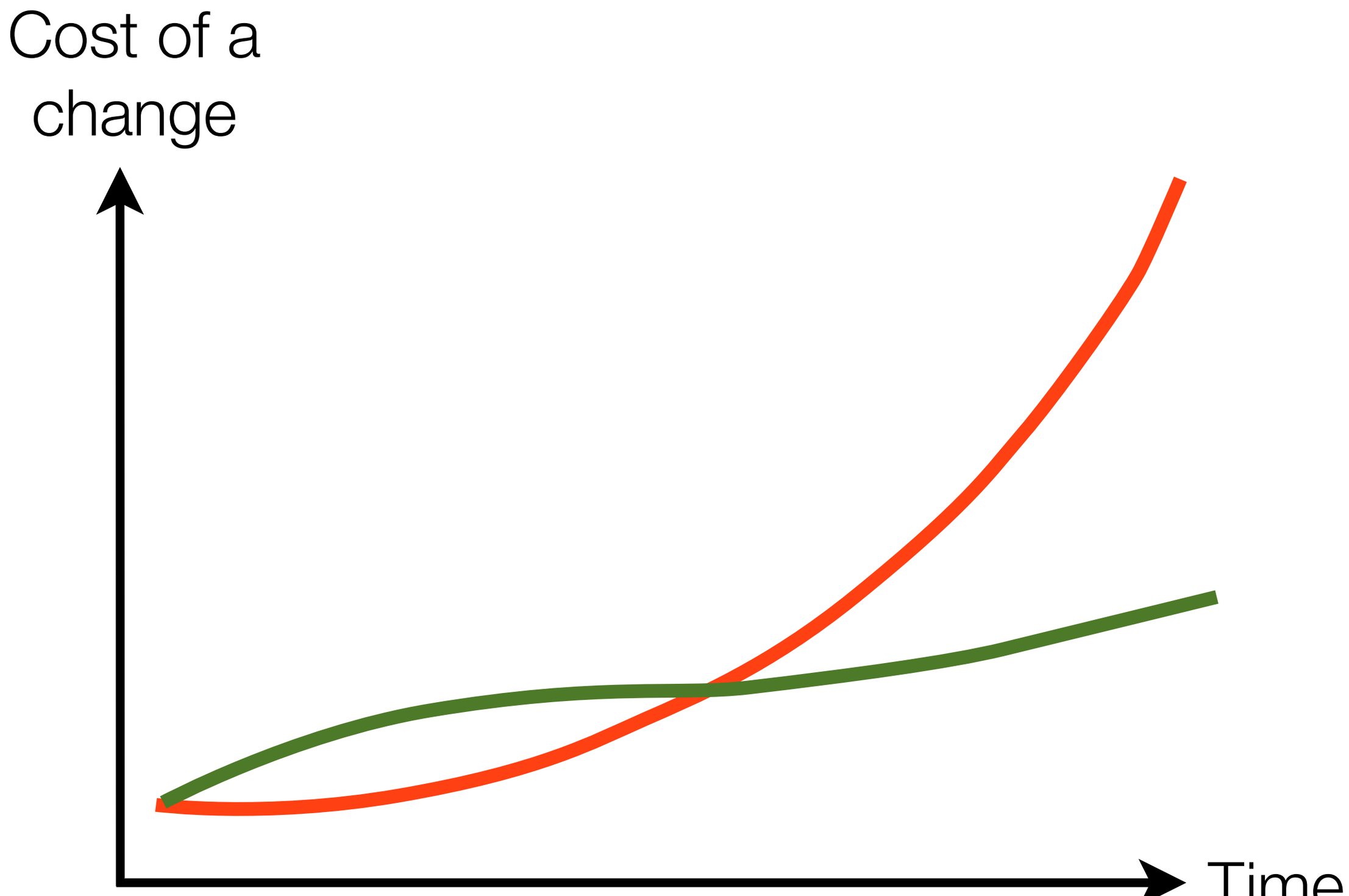
Sustainable delivery

"Behaviour-Driven Development (BDD) builds upon Test-Driven Development (TDD) by formalising the good habits of the best TDD practitioners."

-- The Cucumber Book, 2011

The best TDD practitioners...

- Use **examples** to clarify their requirements
- Develop and use a **ubiquitous language**
- Work from the **outside-in, *i.e. test-first***


Cost of a change
Time





Your TCO will grow and grow without clean code

You can't have clean code without refactoring

You can't refactor without good automated tests

So what is BDD?

- **Behaviour**-driven development
- Using **examples** to drive **conversations**
- Using conversations to grow the team's **domain knowledge**
- Using **automated tests** to keep **total cost of ownership** under control

Easyjet

gov.uk

US Treasury

ITV

Disney

BBC

BT

Thanks



Questions?

http://the-cucumber-book.com

http://kickstartacademy.io

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