

# HOW BDD CAN SAVE AGILE

@mattwynne | QCon 2015 | London

Does agile really *need*  
saving?

Scrum != Agile

**Predictability**

**Communication**

**Quality**

**Small pieces**

**Collaboration**

**Technical discipline**

# How does BDD help?

***Individuals and Interactions***  
**over**  
***Processes and Tools***

but...

**BDD is a tool**

or maybe even a process, I dunno...



BDD is a tool that  
**facilitates** interactions  
between individuals

but  
**BDD is a label**

I don't like labels

Let's talk about  
*behaviour* instead

BDD practitioners  
**explore, discover, define,**  
then **drive out**  
the desired behaviour of software  
using  
**conversations, concrete**  
**examples** and **automated**  
**tests.**

Explore

Discover

Define

Drive out

Conversations

Concrete examples

Test-driven development

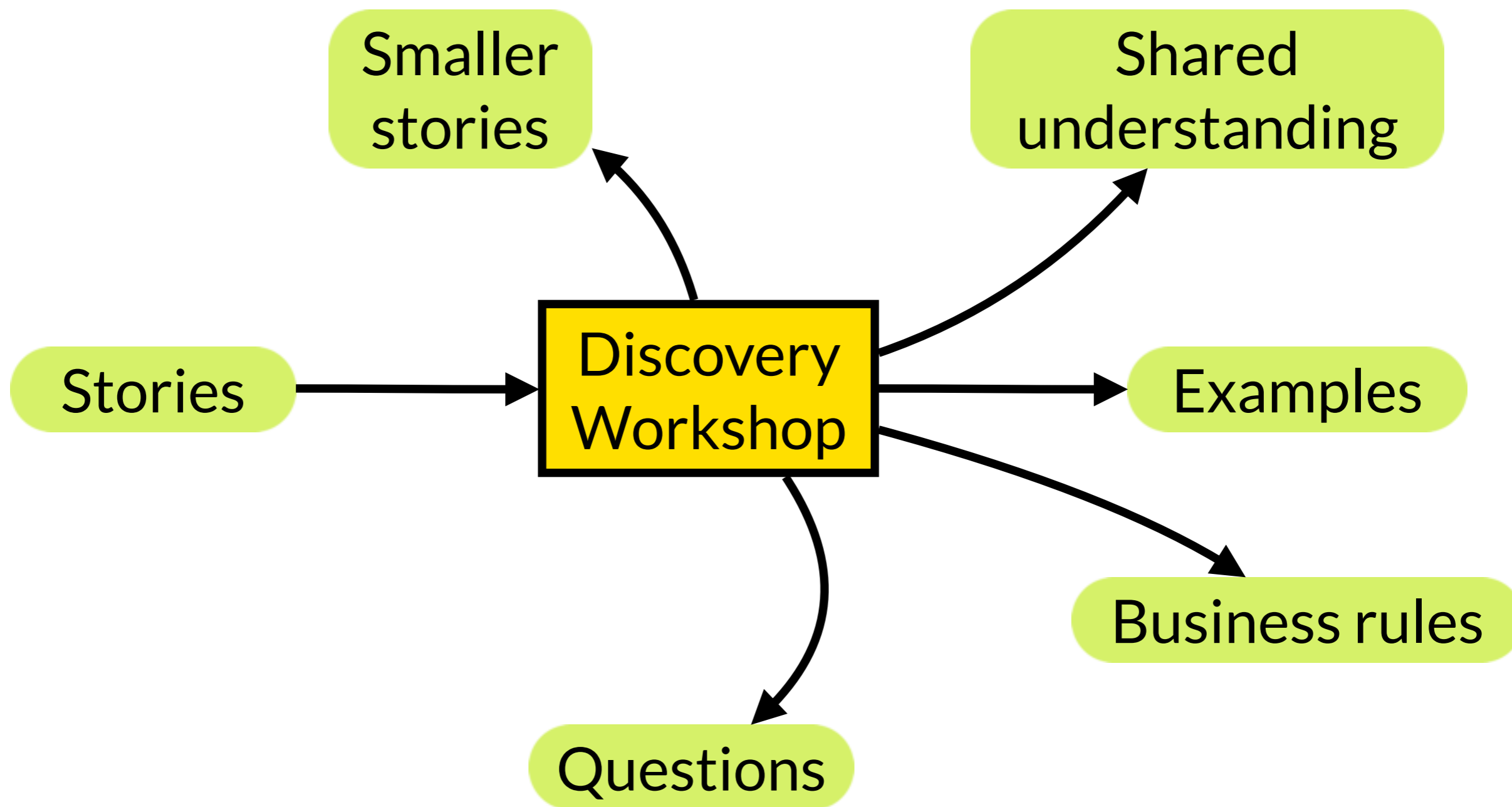
# CONVERSATIONS



CONVERSATIONS MATTER BECAUSE

**SOFTWARE IS MADE BY  
*PEOPLE***

CONVERSATIONS MATTER BECAUSE  
**IGNORANCE IS THE  
BOTTLENECK**



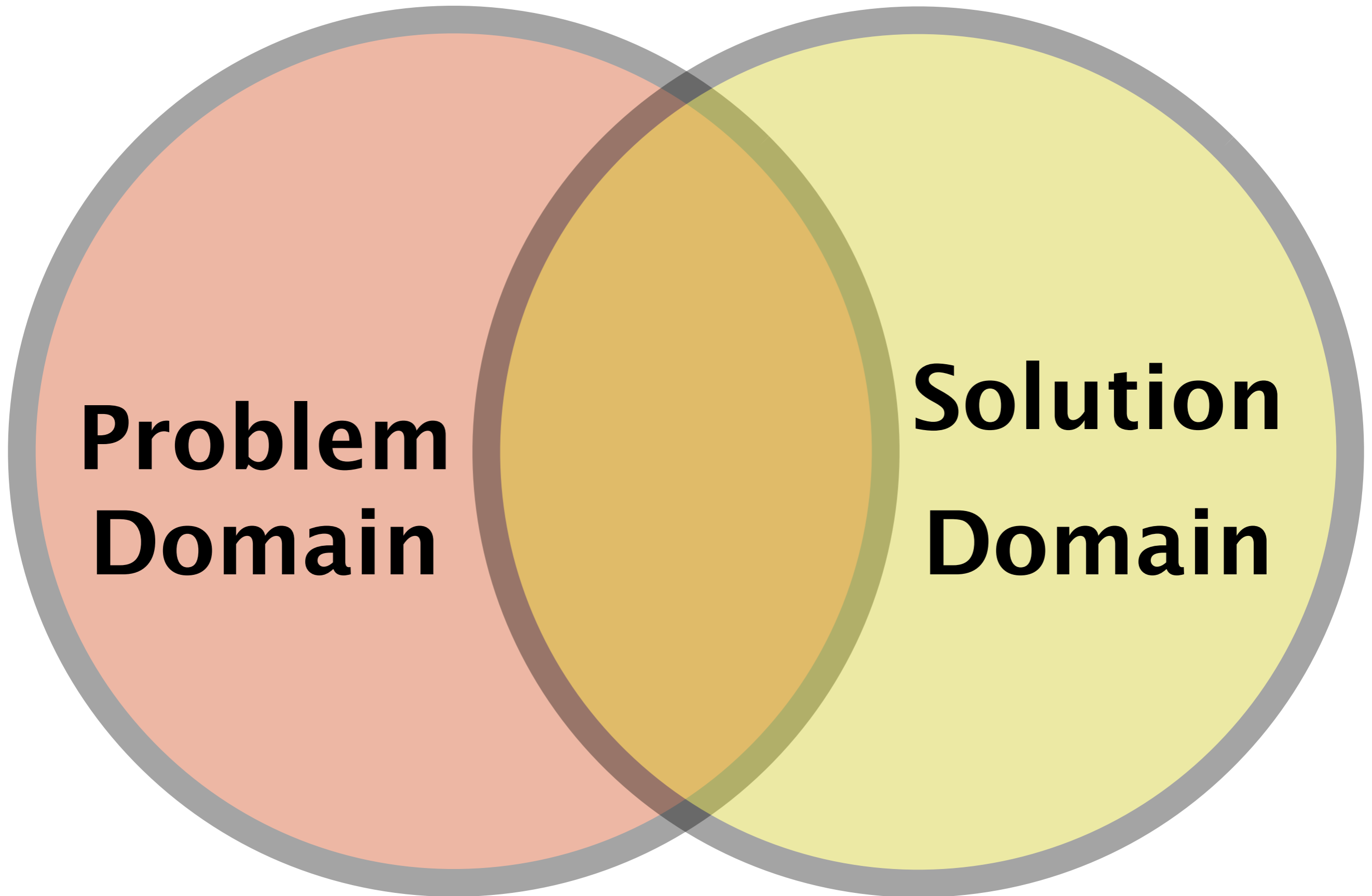
CONVERSATIONS MATTER BECAUSE  
**EVERYONE HAS A  
UNIQUE PERSPECTIVE**

# CONCRETE EXAMPLES

CONCRETE EXAMPLES

**MAKE SENSE TO  
EVERYONE**

CONCRETE EXAMPLES ARE  
**ROOTED IN THE  
PROBLEM DOMAIN**



**Problem  
Domain**

**Solution  
Domain**



CONCRETE EXAMPLES PROVIDE  
**HELP BUILD A  
UBIQUITOUS LANGUAGE**

CONCRETE EXAMPLES PROVIDE  
**A SHARED SOURCE OF  
TRUTH**

CONCRETE EXAMPLES HELP YOU TO  
**SPLIT STORIES INTO  
SMALL PIECES**

# TEST-DRIVEN DEVELOPMENT

AUTOMATED TESTS ARE YOUR  
**WARNING LIGHTS**

THE BIT OF TDD THAT EVERYONE FORGETS IS

**REFACTORING**







You can't stay agile without  
clean code

You can't have clean code  
without refactoring

You can't refactor without  
good automated tests

TDD FORCES YOU TO ASK  
**WHY?**

BUT YOU WILL FAIL UNLESS YOU ARE  
***LISTENING TO THE***  
**TESTS**

# NO SHORT CUTS:

**EXCELLENT  
COMMUNICATION**

**EXCELLENT CODE**

# QUESTIONS?

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