

# QUALITY LEADER

## THE CHANGING ROLE OF SOFTWARE TESTER

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LET'S TEST 2014

# AGENDA

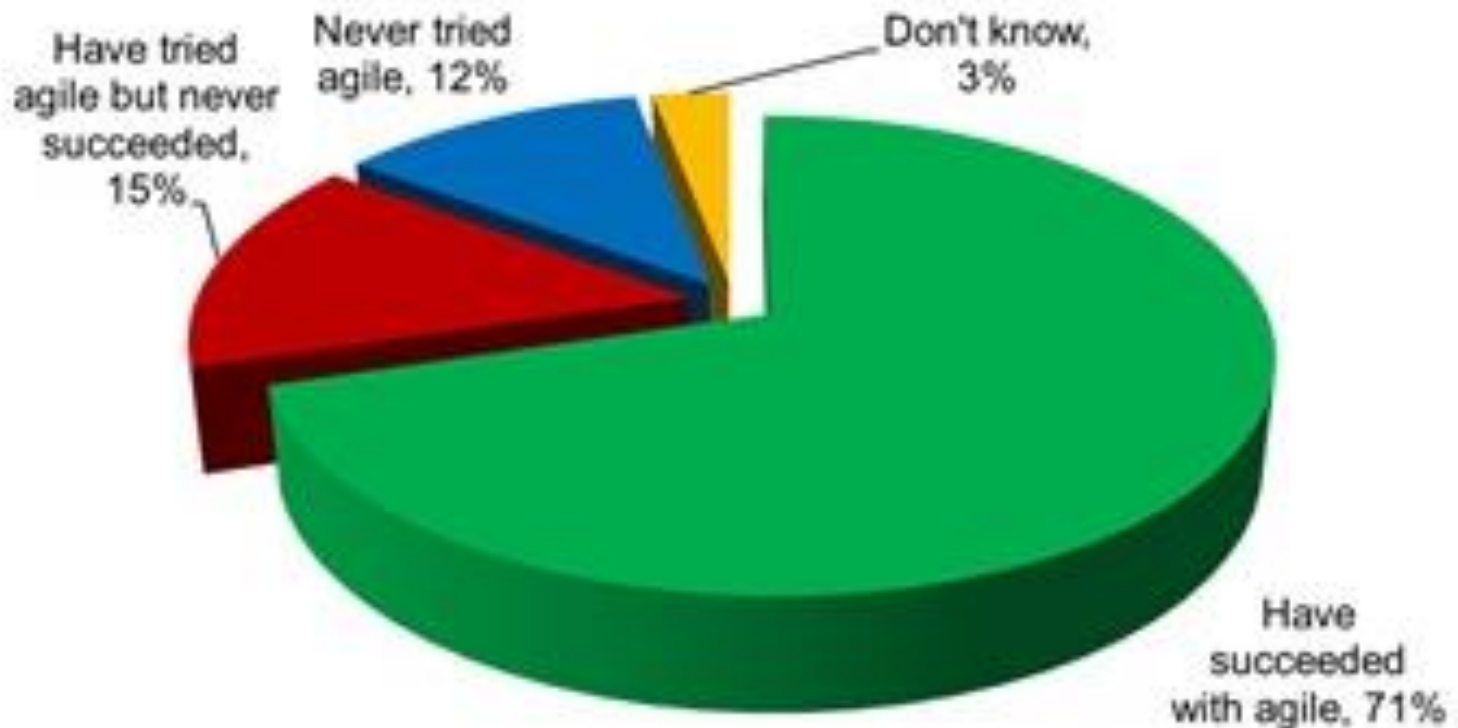
➤ THE NEED

➤ THE ROLE

➤ THE SKILLS

➤ THE FIT

# THE TREND

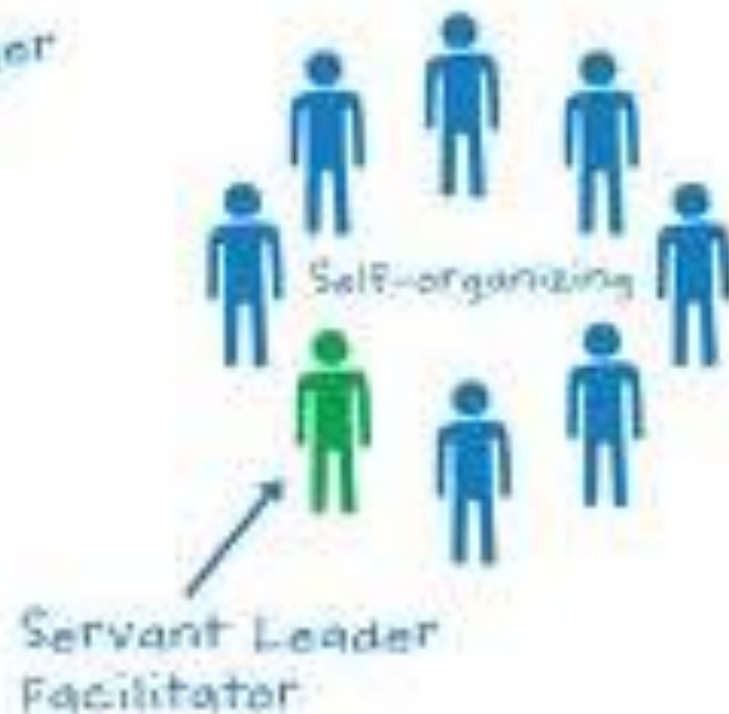


Implication: 86% of respondents work in organizations that are at least trying agile techniques.

## Traditional Teams



## Agile Teams



# HOW TO ORGANIZE ?



# MY THEORY

Self-organizing team needs

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- A person fully versed in testing strategies

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# MY THEORY

Self-organizing team needs:

- A person fully versed in testing strategies
- Who has the skills to facilitate testing activities and learning
- With the end goal to transform each team member into the quality advocate so that the team can succeed in delivering high value products

# SKILLS

Self-evaluation exercise

# Test Manager



How do you talk about testing?

# Talking about testing

At Hyundai we believe in new thinking, which is why we decided to take a new approach with this durability test. You have to be pretty brave to subject a car to the most rigorous quality testers in the world, and they certainly gave our New Generation i30 a thorough examination! The fact that it survived with only a few scrapes is testament to the way a modern Hyundai is designed and engineered.



# COMPLEMENTARY PRINCIPLES

Agile Manifesto

Context Driven School

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## Agile Manifesto

- Responding to change over following a plan

## Context Driven School

- Projects unfold over time in ways that are often not predictable.



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## Agile Manifesto

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- Individuals and interactions over processes and tools

## Context Driven School

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- People, working together, are the most important part of any project's context.

# COMPLEMENTARY PRINCIPLES

## Agile Manifesto

- Responding to change over following a plan
- Individuals and interactions over processes and tools
- Working software over comprehensive documentation

## Context Driven School

- Projects unfold over time in ways that are often not predictable.
- People, working together, are the most important part of any project's context.
- The product is a solution. If the problem isn't solved, the product doesn't work.

# CONTEXT-DRIVEN

**Knowledge is**  **knowing a**  
**tomato is a fruit.**

**Wisdom is not**  **putting it in**  
**a fruit salad.**