Corrosive expertise

Seb Rose
Agenda

Expertise

Examples:

• Template
• Acronym
• Metaphor

Corrosive expertise

Q & A
Expertise

Why do we need experts?

Which experts do we trust?

How do we want expertise delivered?
As a <role>

I want <goal/desire>

So that <benefit>
Discussion

At your table discuss the user stories and the Connextra template.

- Why do they exist?
- How are they connected?

Please make notes of any key points.
Placeholder for a conversation

User Story Coupon

This coupon entitles the team to talk to

about

Already have some examples in mind? Turn this over.
Feature Injection

In order to **get some value**

**role** should be able to

**do something**
“That’s not a real user story ...”

Wrong format

Too technical

Not shippable
User stories are **EPHEMERAL**

User stories are **NOT** requirements
This template has let us forget why user stories were invented
Acronym

INVEST
Discussion

Independent
Negotiable
Valuable
Estimatable
Small
Testable
Interpretation

At your tables, define either:

Independent

or

Valuable
INVEST

Valuable
What is value?

Minimum marketable feature (MMF)?

Potentially shippable increment?

Demonstrable functionality?

How might these interact with “Small”???

@sebrose

http://smartbear.com
Value is ...

anything that:

- increases knowledge
- decreases risk
- generates useful feedback
This acronym leaves plenty of room for misinterpretation.
Metaphor

Test Automation Pyramid
Name the layers

- Component tests
- E2E tests
- Integration tests
- Manual tests
- Programmer tests
- Regression tests
- Smoke tests
- UI tests
- Unit tests
“Official” answer

Test Automation Pyramid

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Goodhart’s law

“When a measure becomes a target, it ceases to be a good measure”
Misunderstanding

UI

Integration

Unit
Righter?

- Code
- Protocols
- Smoke
Removing the lines

How much of the application the test exercises

Number of tests

http://claysnow.co.uk/architectural-alignment-and-test-induced-design-damage-fallacy/

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This metaphor has caused countless team dysfunctions
Corrosive expertise

Agile doesn’t work here!
No silver bullet

Not only are there no silver bullets now in view, the very nature of software makes it unlikely that there will be any.

Frederick P. Brooks

Examples revisited

INVEST

Unit
Patterns can help us filter

- Name
- Problem
- Context
- Forces
- Solution
- Resulting Context
- Known Uses
- Related Patterns

http://wiki.c2.com/?CanonicalForm

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Takeaways

Always consider your context

Concrete advice is often ambiguous

Bad outcomes don’t mean the advice was bad

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