



Testing, Agile, Business Value and Testers...

Oh My!

# Testing, Agile, Value and Testers...

*Oh My!*

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Created for:



By:

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# Scott Barber



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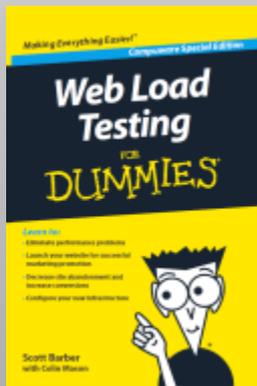
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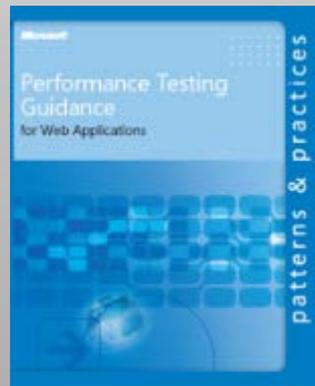
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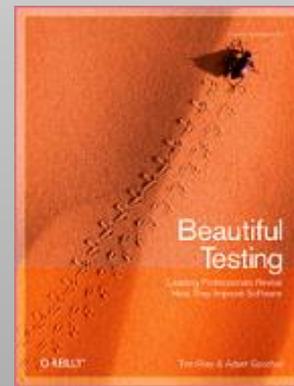
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# Consistently for 10+ years...

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I've observed industry doubting:

- The “True Value” of Agile
- The Benefit vs. Cost of Testing
- How Testing “Fits” in Agile
- Why Agile (too often) “Fails”
- Why Testing/Testers (too often) “Fail”

The resulting conversations...

**... go kind of like this:**



# I believe...

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These doubts persist because they aren't the

**Problem**

# I believe...

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These doubts are

**Symptoms**

of the ***\*real\**** problem.

I believe the *\*real\** problem is...

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“Software Development” is less like:

**Manufacturing**

and more like:

**Research & Development**



# North American International Auto Show

January  
19-27



photo by Joe Nuxoll

January 15, 2013 - Detroit, MI. 2014 Acura NSX Concept at the 2013 Detroit Auto Show. Photo by Joe Nuxoll.



# In “Classical” Engineering Fields

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All new developments starts with

**R & D**

# In “Classical” Engineering Fields

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R & D is all about:

**Testing**

# In “Classical” Engineering Fields

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The decision to exit R & D and begin development is based on:

**value**

# In “Classical” Engineering Fields

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Projects are “released” into  
“production” by inspectors, a.k.a:

**Quality Control**

# In Other Words

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R & D starts with a clear

**Targets & Vision**

not detailed

**Requirements**

# In Other Words

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During R & D everyone is a:

**Tester**

# In Other Words

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During development

**Quality Assurance**

checks completed work against specifications.

# In Other Words

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Release Candidate validation is done by

**Quality Control**

# What's my point?

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## In Classic Engineering:

1. R & D is very much like Agile
2. R & D doesn't have the Testing/Tester Challenge
3. No one questions the value of "Agile" or "Test"
4. "The Team" is both responsible and legally accountable for quality/safety
5. "Go Live" decisions are (relatively) easy

# Which is why I believe

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We would be well served to

- Study “other” fields of Engineering
- Consider R & D practices for new software development
- Forget titles. Be responsible and accountable as a team

# Questions?

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# Contact Info

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