

Agile Test Evolution: Changing Test Strategy over time

DSM Agile, Sept 9, 2016



Agile Software Development: A Manifesto

We Follow These Principles

Our highest priority is to satisfy the customer through early and continuous delivery of valuable software. Welcome changing requirements, even late in development.
Agile processes harness change for a customer's competitive advantage

Deliver working software frequently, from a couple of weeks to a few months, with a preference to the shorter timescale.

Business people and developers must work together daily through the project.

Build projects around motivated individuals.

Give them an environment and support they need, and trust them to get the job done.

The most efficent and effective method of conveying information to and within a development team is face-to-face conversation.



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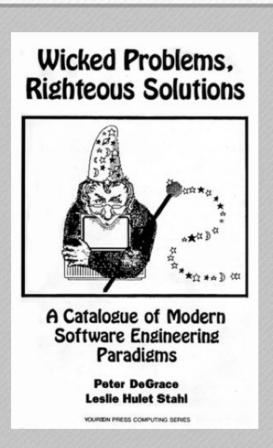
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Scrum







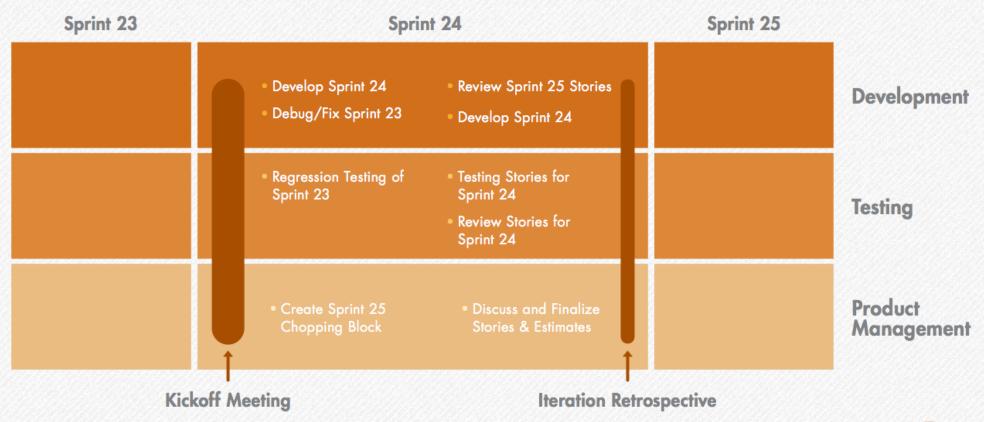


The Flow Problem





Scrum in Practice





The Accordion Effect





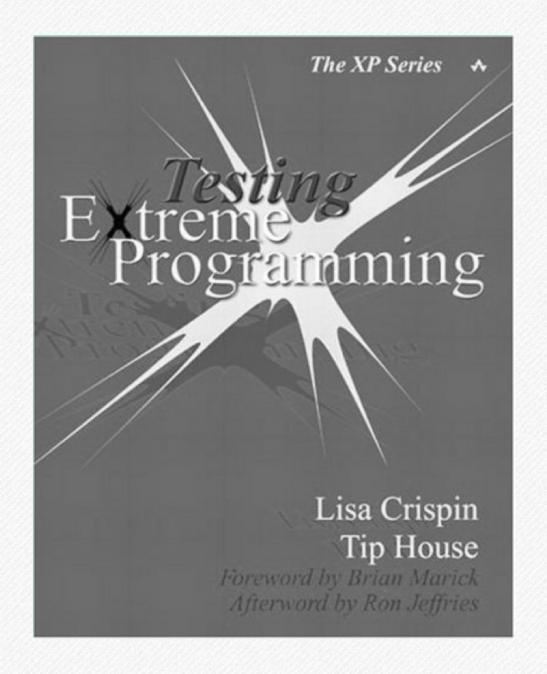
Failure Demand





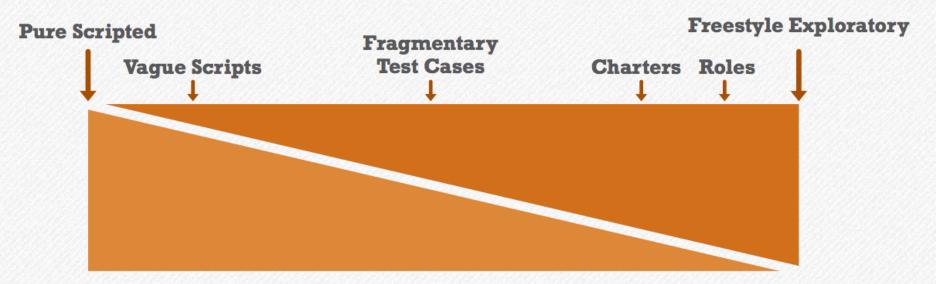


The First Set of Advice





Heavy-Weight Scripts



Source: Jon Bach, "The Case Against Test Cases"



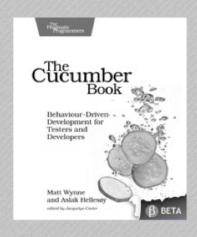
ATDD, BDD, & The 3 Amigos



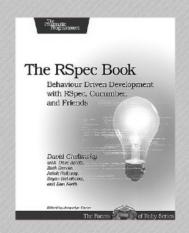


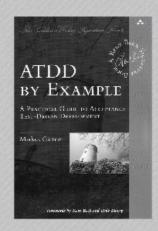
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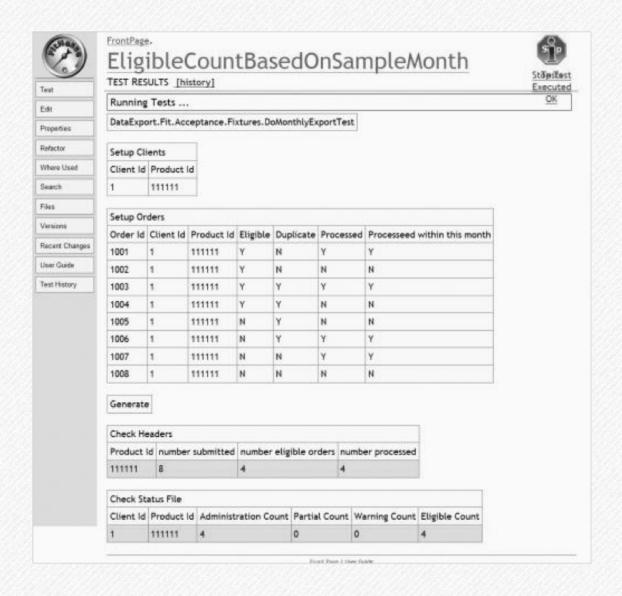








Check the API, Poke the GUI





Low Tech Testing Dashboard

Features	IE 9	Webkit	iOS	Android
	Q:7 C: 9(matt)	Q:6 C: 8 (Sreejit)	Q:7 C: 5 (Paurang)	Q:7 C: 5 (Paurang)
	Q:9 C: 3 (matt)	Q:7 C: 5 (Sreejit)	Q:7 C: 7 Sandhya	Q:6 C: 6 (Paurang)
O. C. O. C. Garage	Q:6 C: 8 (Sreejit)	Q:6 C: 7 Arun	Q:7 C: 6 (Paurang)	Q:7 C: 6 (Paurang)
convey de	Q:9 C: 6 (matt)	Q:8 C: 7 Arun	Q:7 C: 7 (Paurang)	Q:7 C: 7 (Paurang)
C. Summary	Q:7 C: 5 (Sreejit)	Q:7 C: 7 Arun	Q:8 C: 7 (Paurang)	Q:8 C: 7 (Paurang)
("ABV 3BV 3BV)	Q:6 C: 6 (subid)	Q:6 C: 6 (subid)	Q:8 C: 7 (Subid)	Q:8 C: 6(subid)
Come/Multiple A	Q:7 C: 5 (Sreejit)	Q:7 C: 5 (Sreejit)	Q:7 C: 5 (Paurang)	Q:5 C: 7 (Paurang)
Full Turbingen	Q:6 C: 8 (Sreejit)	Q:6 C: 7 Arun	Q:3 C: 7 (Paurang)	Q:3 C: 7 (Paurang)
hom Volldhill in	Q:6 C: 6 (subid)	Q:6 C: 6 (subid)	Q:6 C: 6(subid)	Q:6 C: 6(Subid)
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The Dy	Q:8 C: 7Sandhya	Q:8 C: 7Sandhya	Q:7 C: 7 Sandhya	Q:8 C: 6(subid)
Froduct Date "co	Q:7 C: 5 (Sreejit)	Q:7 C: 5 Arun	Q:8 C: 8 (Paurang)	Q:8 C: 8 (Paurang)
Sign Submitton/Appending	Q:7 C: 1 (Subid)	Q:7 C: 1 (Subid)	Q:6 C: 6 (Paurang)	Q:6 C: 6 (Paurang)
HoselAccount Preferences	Q:3 C: 5(Sreejti)	Q:3 C: 5Arun	Q:2 C: 10 (Sandhya) Account Preference	Q:2 C: 10 (Paurang) Account Preference
Offline Moda	NA	NA	Q:9 C: 4 (Paurang)	Q:9 C: 4 (Paurang)

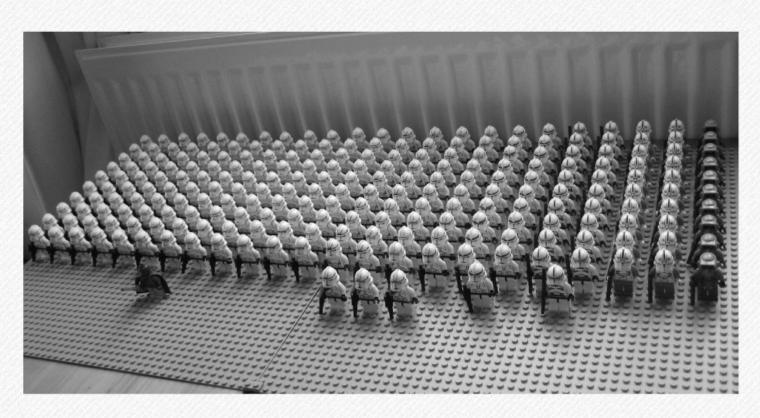


Customize Test Ideas for This Release





Massive Simultaneous Exploration





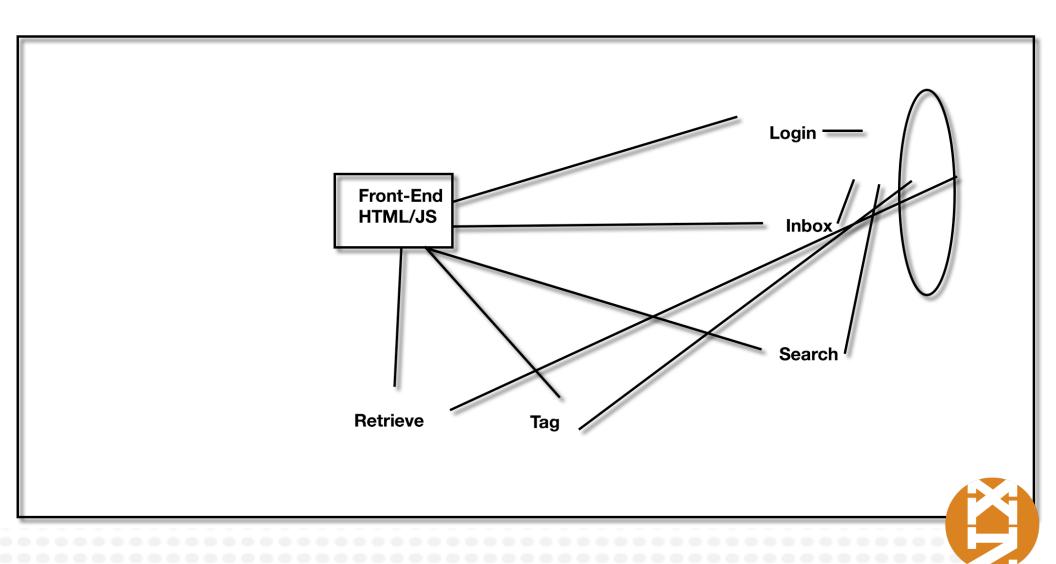


Reduce Work In Progress

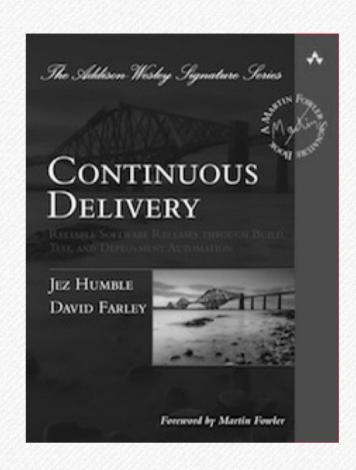


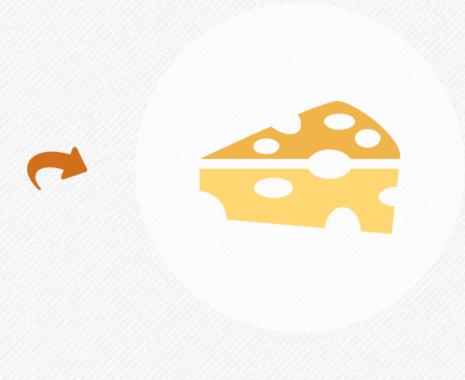


Isolated Components

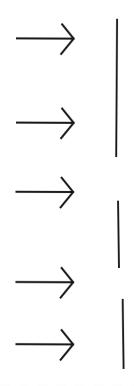


Continuous Delivery

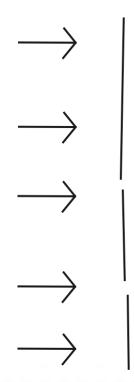




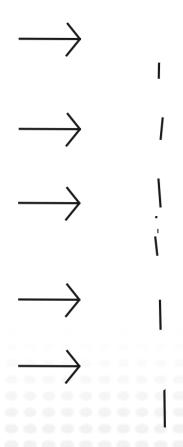




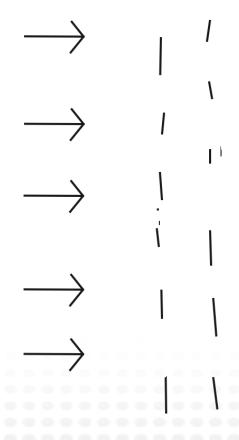




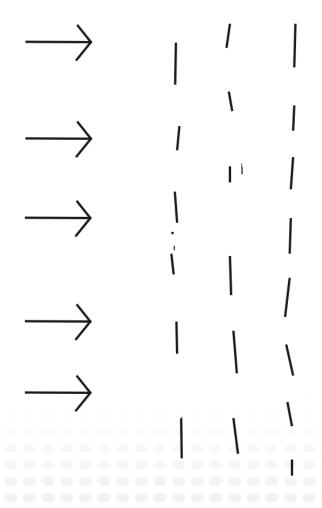




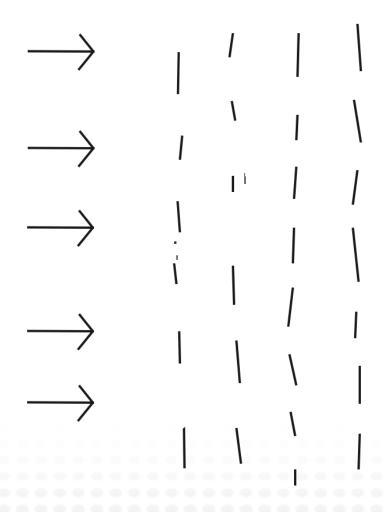




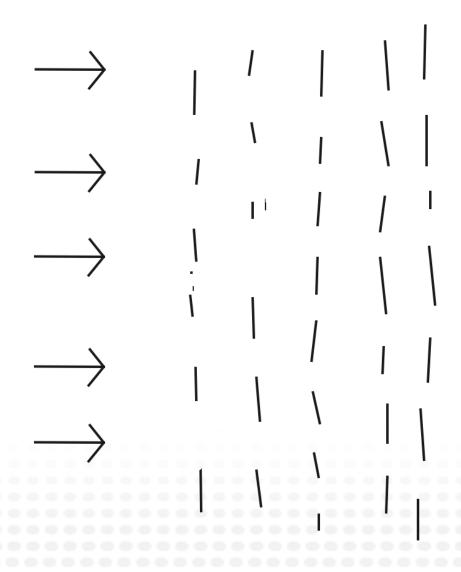














What Are Your Questions?





Tomorrow





Bonus Section



