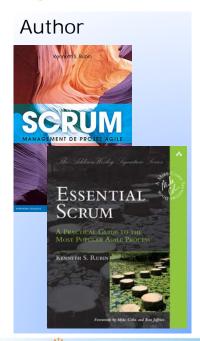


Getting the Biggest Bang for the Buck Out of Scrum Agile Austin November 5, 2013 by Kenny Rubin

www.innolution.com

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Background of Kenny Rubin



Trainer/Coach

Trained more than 20,000 people in Agile/Scrum, SW dev and PM

Provide Agile/ Scrum coaching to developers and executives





in 2000 for bioinformatics

GENOMICA





*

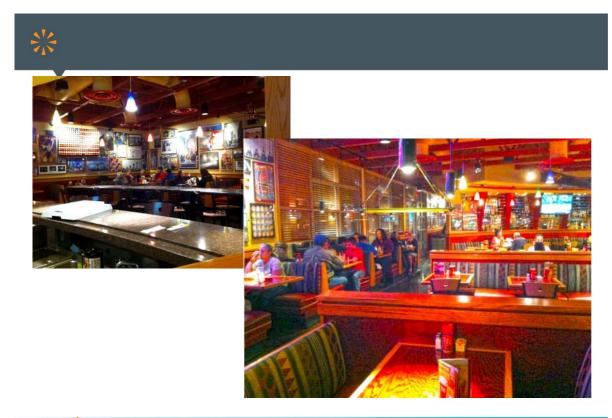
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Please Tweet About It!

Include **@krubinagile** and **#agileaustin** in each tweet

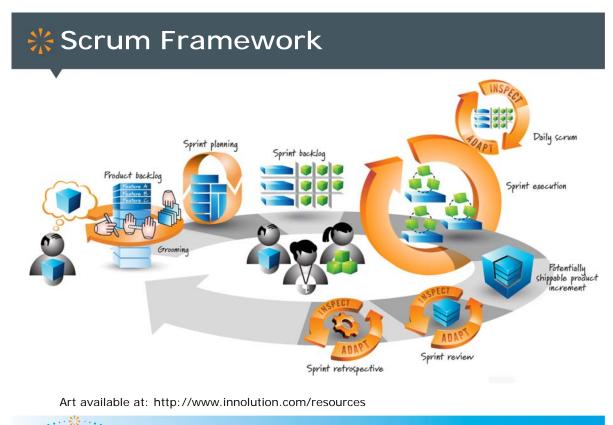


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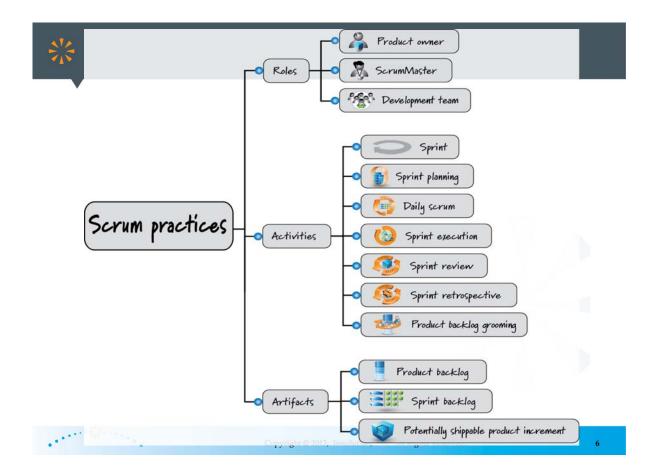


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🔆 Approaches





ScrumBut(t) – Violations of the Scrum Framework



We do Scrum, but... Sprints are 8 weeks No product owner Daily scrums on M-W-F Sprint planning is 2 days Etc...



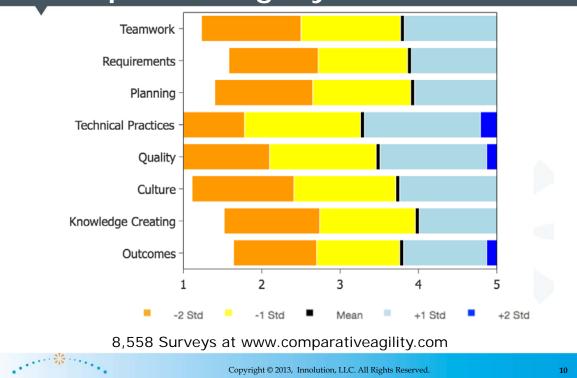
2 Produ VIOLATION at team > Sprint) Sprint planning YOUR USE OF SCRUM VIOLATES A Daily scrum Scrum practices **CORE PRACTICE AND IS HEREBY DEEMED TO BE A SCRUMBUT** YOUR TEAM PHOTO HAS BEEN RECORDED hippable product increment Do no violations = success with Scrum? *

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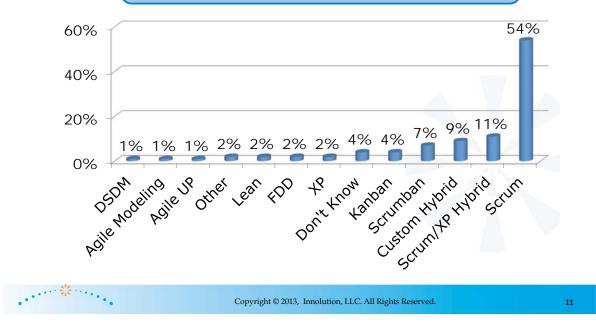
What If We Had No Scrum "Violations?"

Current Industry Results – From Comparative Agility®



VersionOne 7th Annual Survey





% Inhibitors to Success Using Scrum

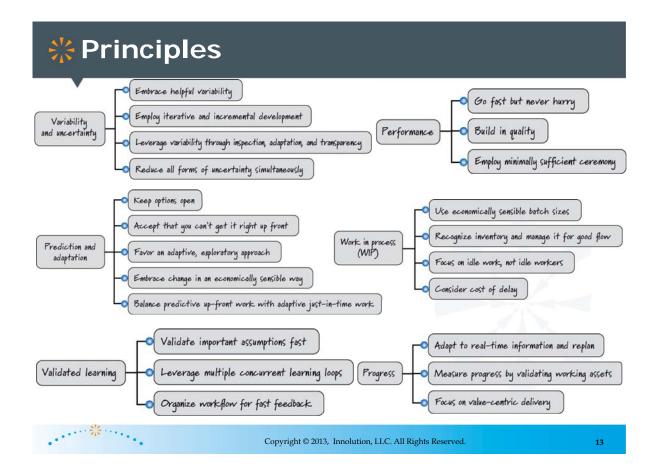
Ignorance or misapplication of core agile principles during development

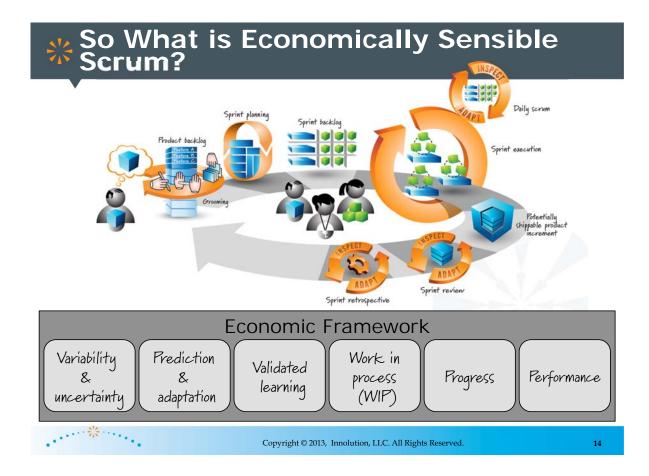
Failure to apply agile principles throughout the value chain

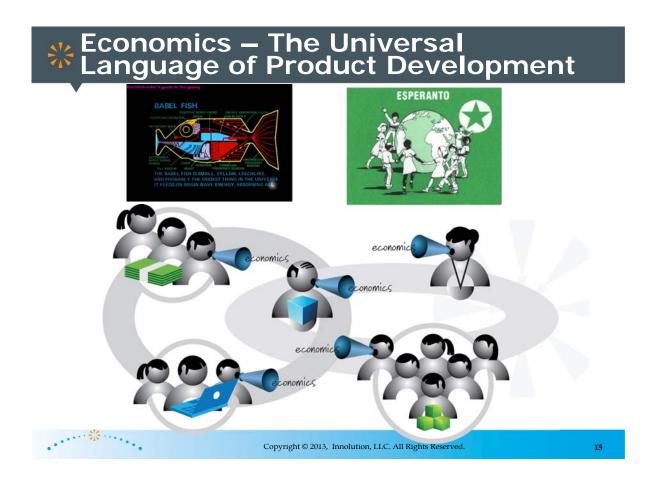
Failure to structure teams in an economically sensible way

Overall, they don't apply core agile principles in an economically sensible way



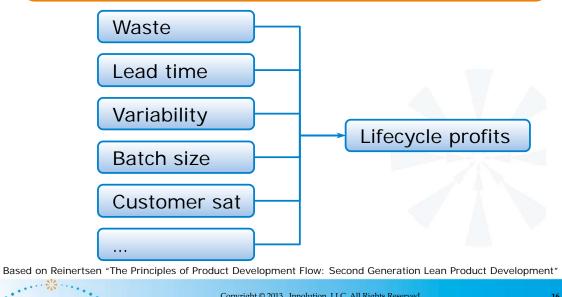


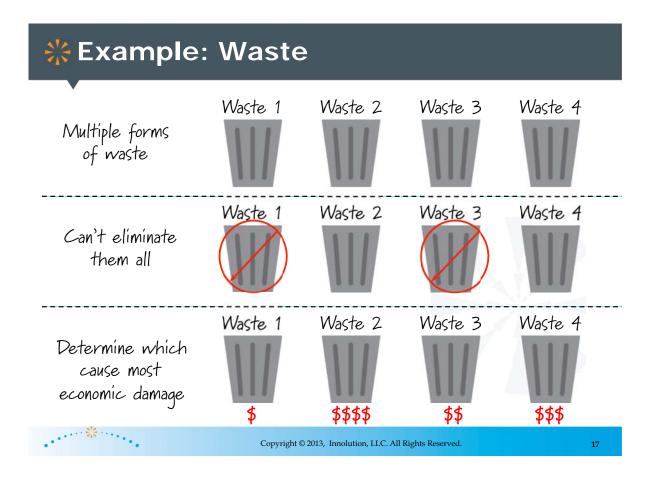




💥 We Need a Economic Framework

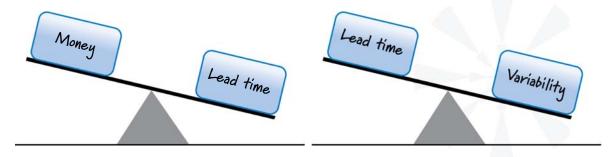
Compare effects of different product / process / organizational attributes by converting them all into the same unit of measure





Kernele: Cost of Delay

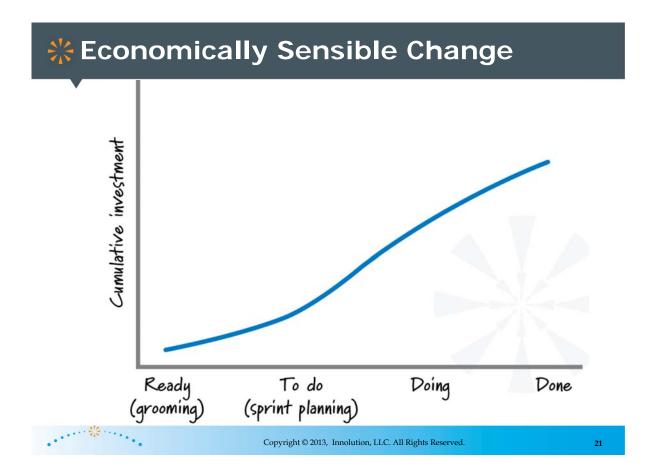
If you have to wait 3 weeks for the UX team to design your UIs, and that delay could be eliminated by having a UX designer on your team, what would be the cost of the UX-team delay (in lifecycle profits)?



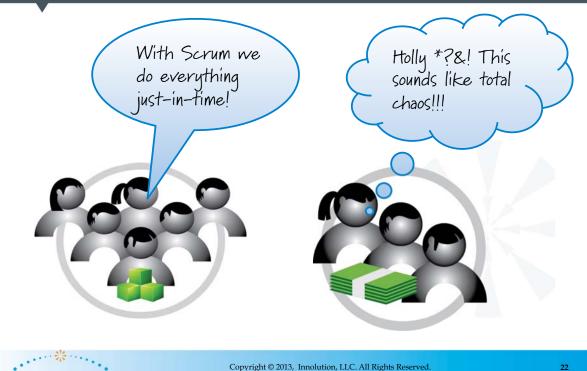


Misunderstanding of When Change Occurs

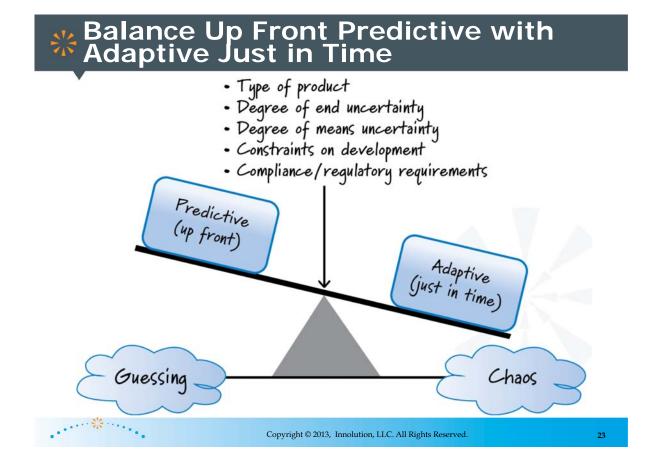




Misunderstanding of Just-in-Time



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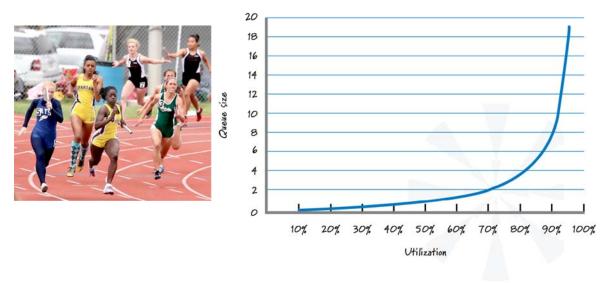
Recognize Inventory (WIP) Waste



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Focus on Idle Work Not Idle Workers

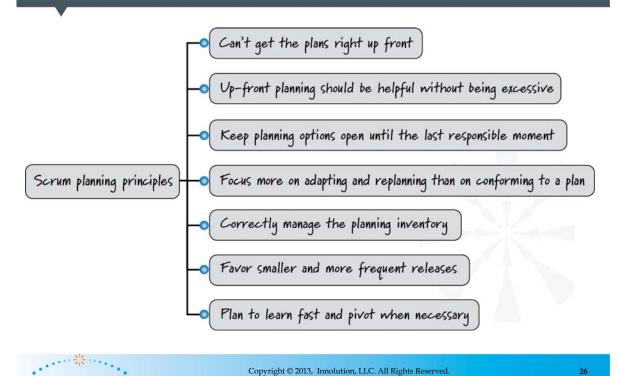
Watch the Baton Not the Runners



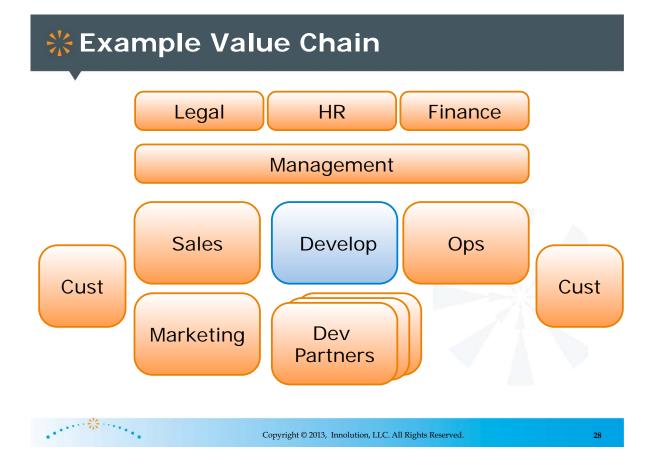
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🔆 Economically Sensible Planning

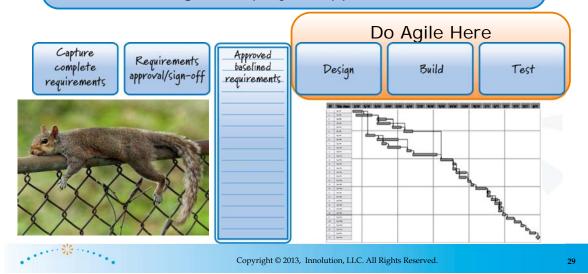




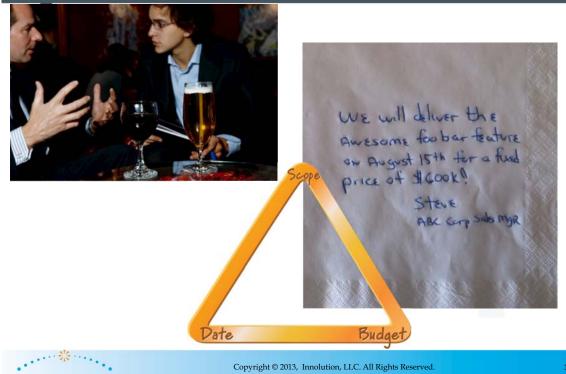


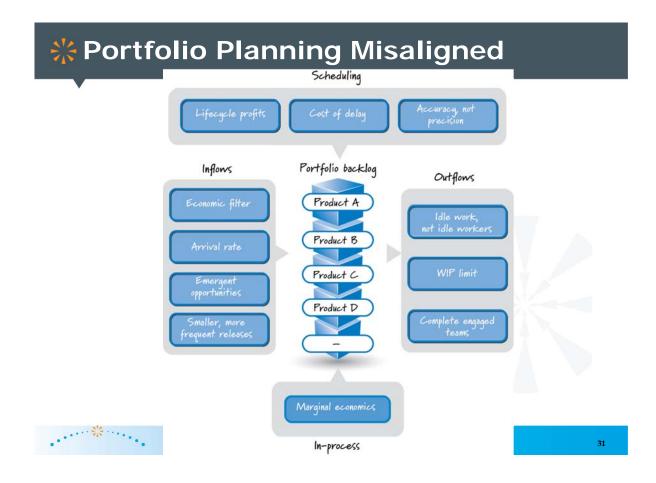
% Internal Management Misaligned

Develop in an Agile way, but still provide all of the same plan-driven artifacts (e.g., extensive up-front requirements, full budget, and precise schedule) like before to get the project approved

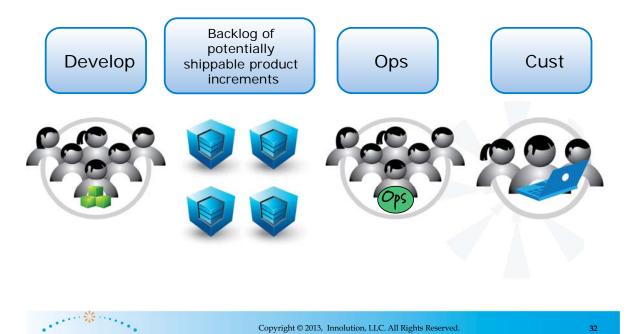


Sales Misaligned

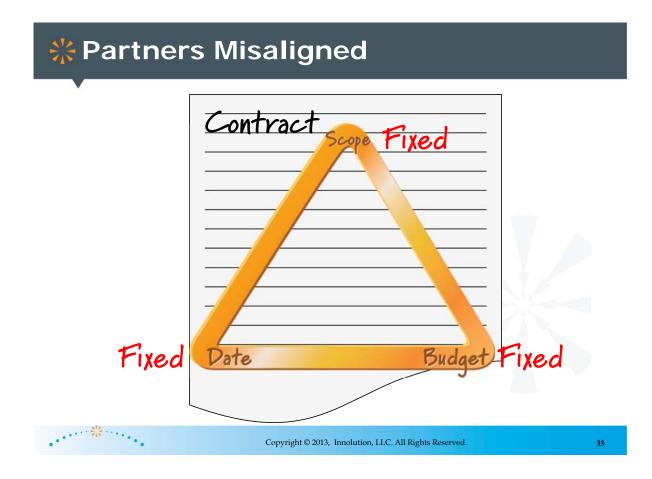




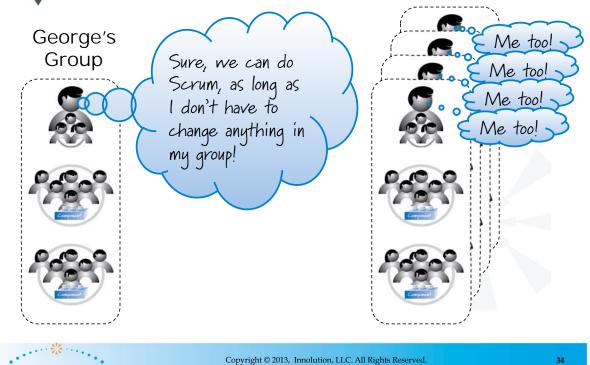
Downstream Misaligned



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Protection of the Fiefdoms



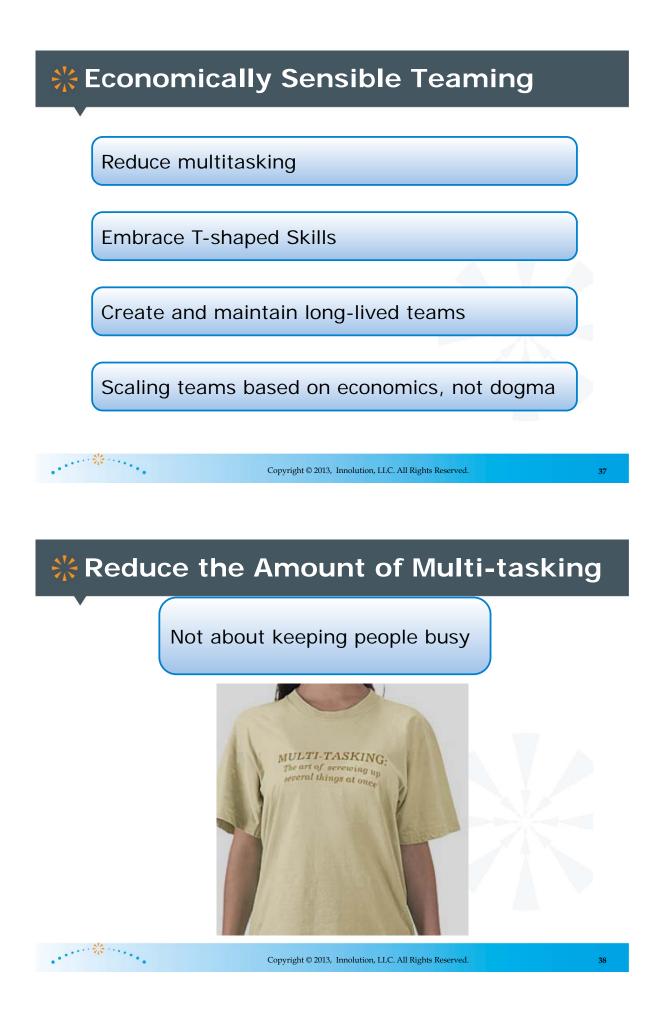
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Failure to See the Whole

Optimizing locally frequently suboptimizes the system

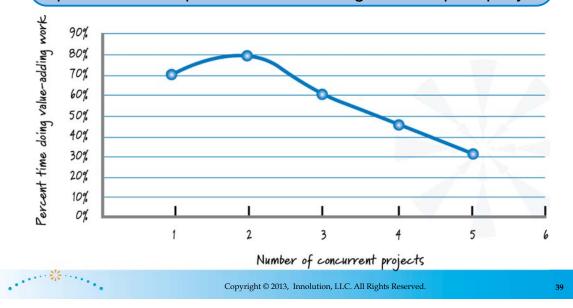




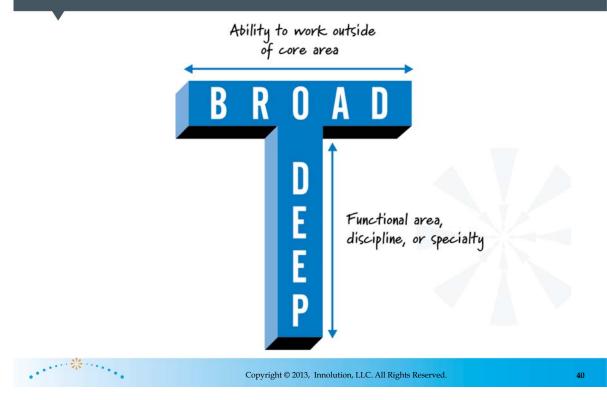


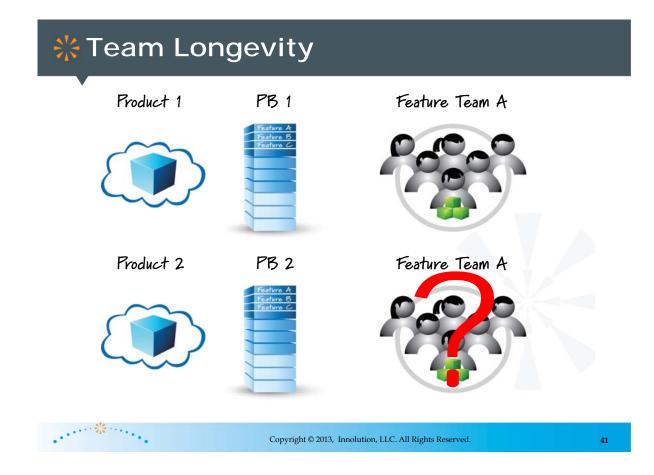
🔆 Multitasking

Clark and Wheelwright (1992) studied multi-tasking and determined that when working on more than **two projects**, a person's time spent on value-adding work drops rapidly



* Teams with T-Shaped Skills





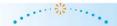
Seconomics Favor Long-lived Teams

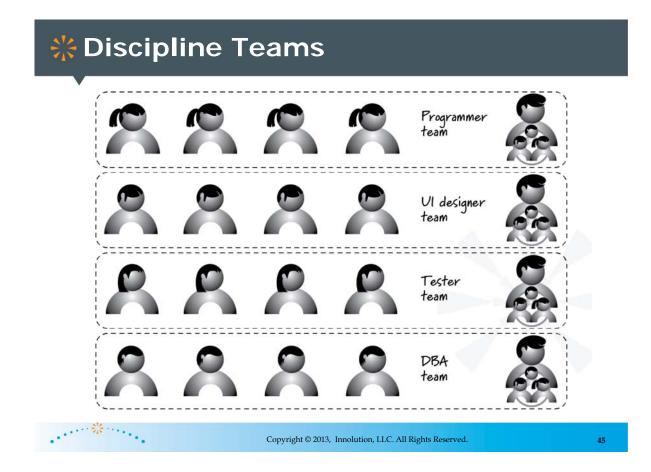


AT 4	# of Std Deviations -2 -1.5 -1 -0.5 0 0.5 1 1										
*	Teamwork	-2	-1.5	-1	-0.5	0	0.5	1	1.5	-0.2	22
	Requirements									-0.2	26
Projects with at least 100 people (320 surveys) Cutture	Planning									-0.2	2
	Technical Practices									-0.2	21
	Quality									-0.2	21
	Culture									-0.2	?7
	Knowledge-Creating									-0.1	8
	Outcomes									-0.4	12
*****		-2	-1.5		# of SI -0.5			ns 1	1.5	2	

Scaling With Multiple Teams

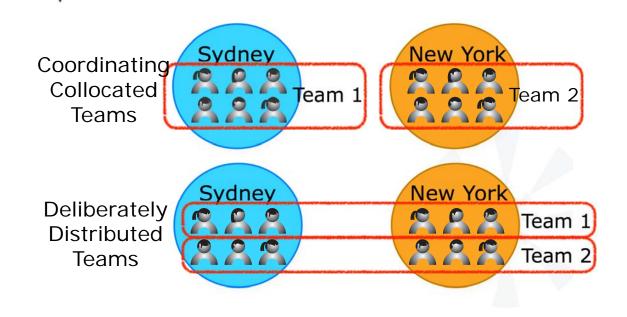
As the scope of work gets larger and one team is no longer sufficient, what is your scaling strategy?





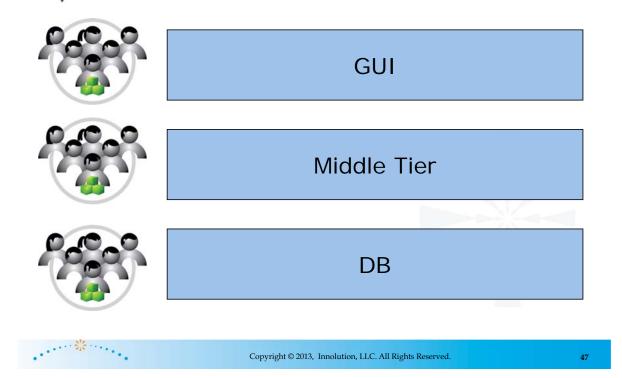
Location Teams

*

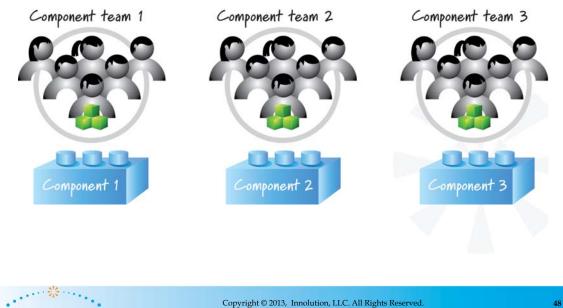


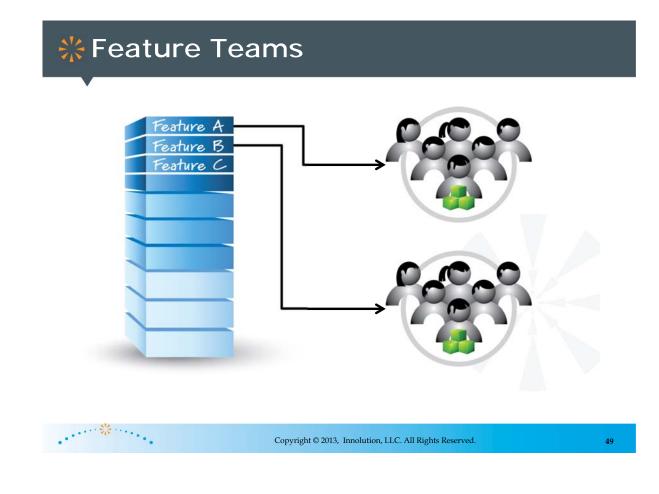
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Architectural Layer Teams

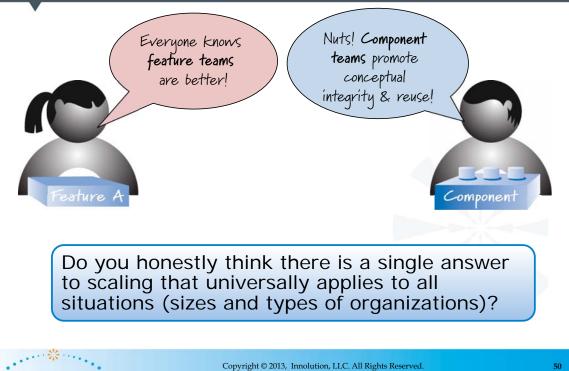


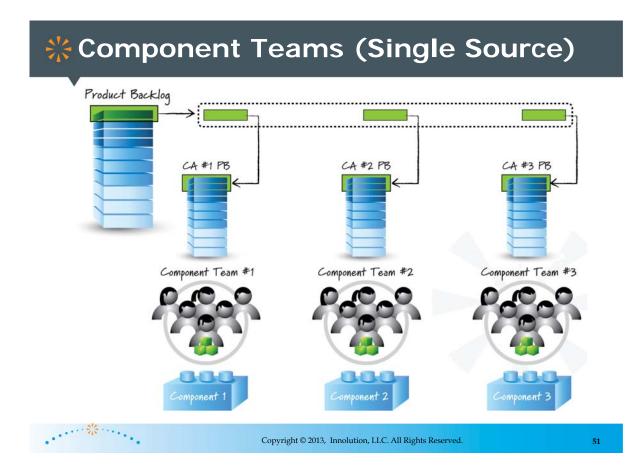
Component Teams

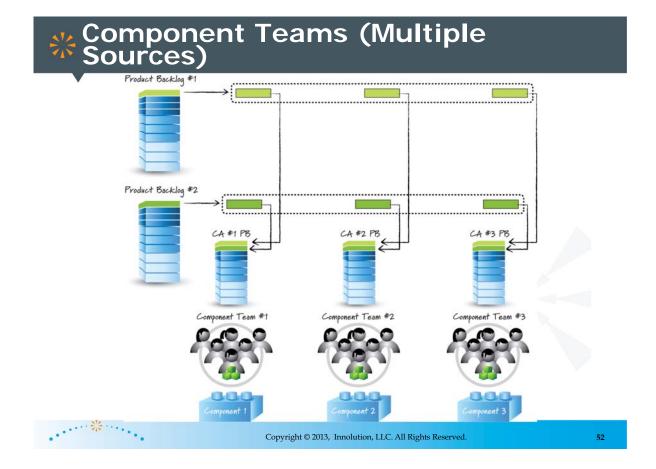


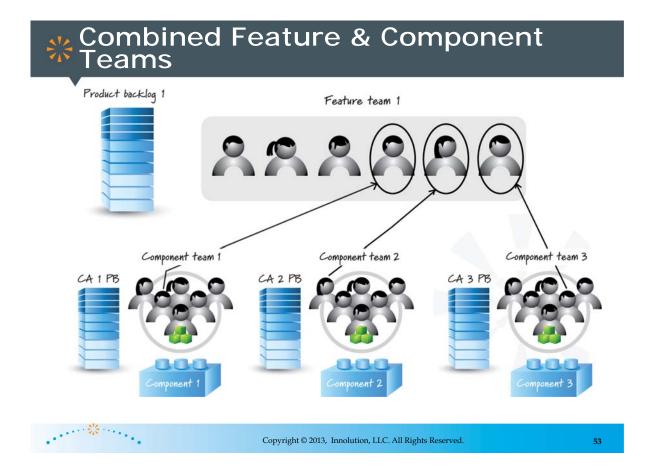


Con't Scale Based on Dogma!









🔆 Summary

Performing all Scrum practices and using generally accepted Scrum approaches is necessary, but not sufficient

If you want to see the real benefits of applying Scrum you need to apply Scrum within an economic framework that allows you to make sensible tradeoffs

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Facebook:	www.facebook.com/InnolutionLLC
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