

Scaling with Feature vs. Component Teams Silicon Valley **Agile Leadership Network** April 06, 2015 by Ken Rubin

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Characteristics of a Single Development Team



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



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Architectural Layer Teams







Example Feature Teams Working on End-customer Feature







Example "Feature" to a Component Team



That Which Is a Feature to a Component Team is a Task to a Feature Team





*** More Scaling Questions**

So, which approach do you prefer?

What criteria are you using to decide?





Do you think there should be one centralized firefighting team (station) in the center of San Francisco?

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Fast, Flexible, and Economically Sensible Flow

System of teams working together to deliver business value quickly



🔆 Fragile, Robust, Antifragile



Goal is not to eliminate uncertainty, risk, or variability, but to protect ourselves against the variability that harms us and to promote and exploit the variability that benefits us







Recognize Inventory (WIP) Waste

Manufacturing inventory is both physically and financially visible Product-development inventory are knowledge assets that aren't visible in the same way as physical parts





Focus on Idle Work Not Idle Workers

Watch the Baton Not the Runners





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Cost of Delay

If you have to wait 6 weeks for the Art team to draw your art, and that delay could be eliminated by having an artist on your team, what is the cost of the Art-team delay (in lifecycle profits)?



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Organize Teams to Validate Important Assumptions Fast



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Issue – Coordination Costs





Issue – Limits Learning



Issue – Harder to See the Whole









Solution of Conceptual Integrity





Issue – Lack of Knowledge







Issue – Organizational Resistance



Interferes with fiefdoms

Too hard to reorganize into feature teams

A general belief that feature teams will lead to significant technical debt

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***** Teams Form Collaboration Clusters



Component Stewards/Guardians







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