

Agile Overview

Naresh Jain

ThoughtWorks

Agile Overview

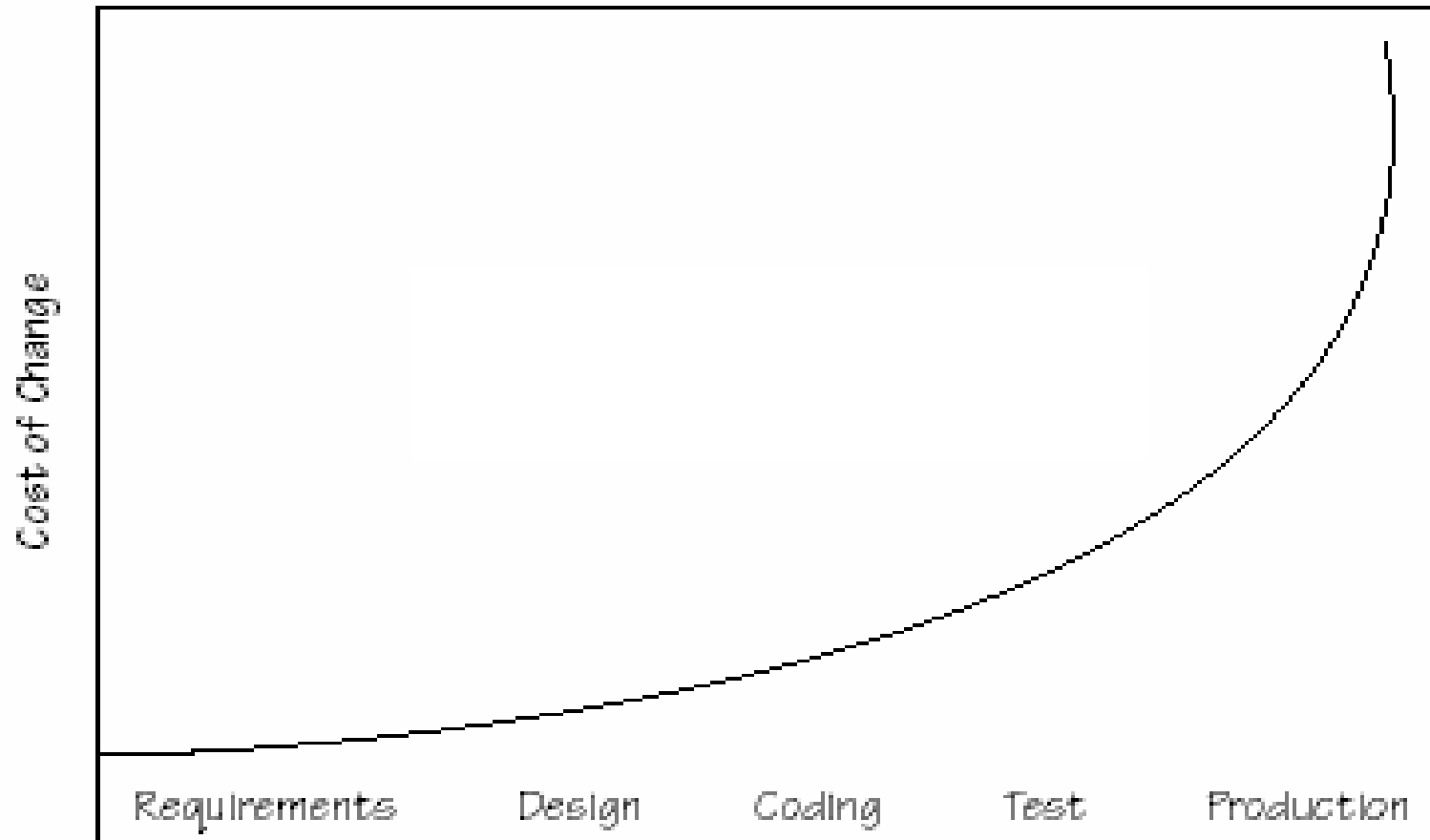
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Stay Aware. Adapt. Change.

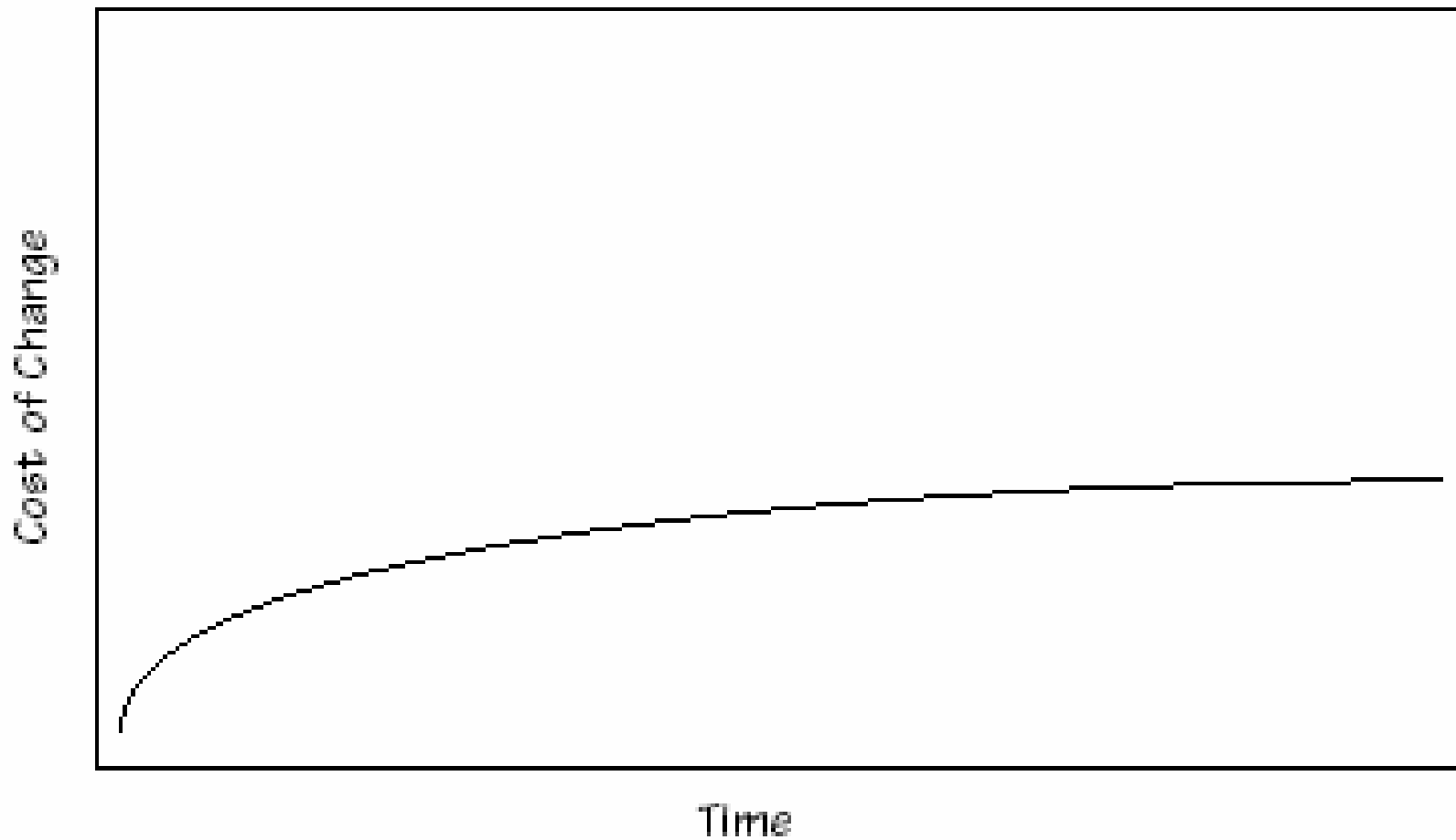
Software cannot just be **ENGINEERED!**
It's a craft.

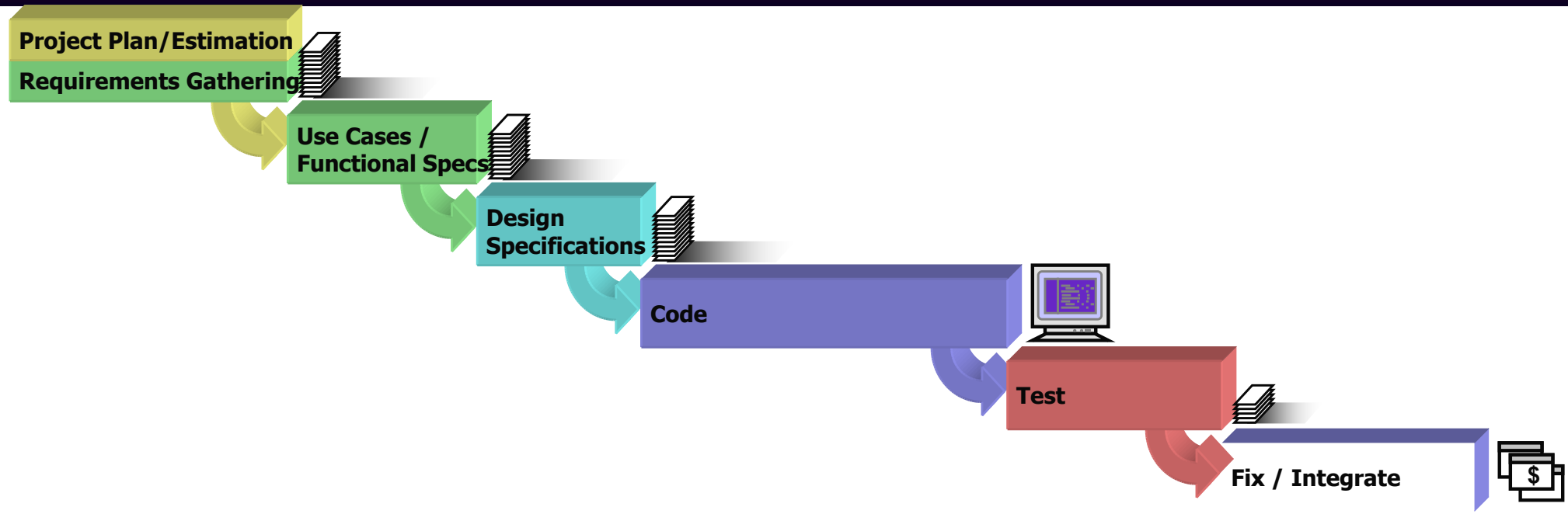
- Accommodate change
- Accelerate realization of business benefits
- Reduce risk
- Increase visibility (risks, schedule, etc.)
- Improve quality
 - Address business needs
 - Reduce missed and false features
 - Fewer defects
 - Increase maintainability

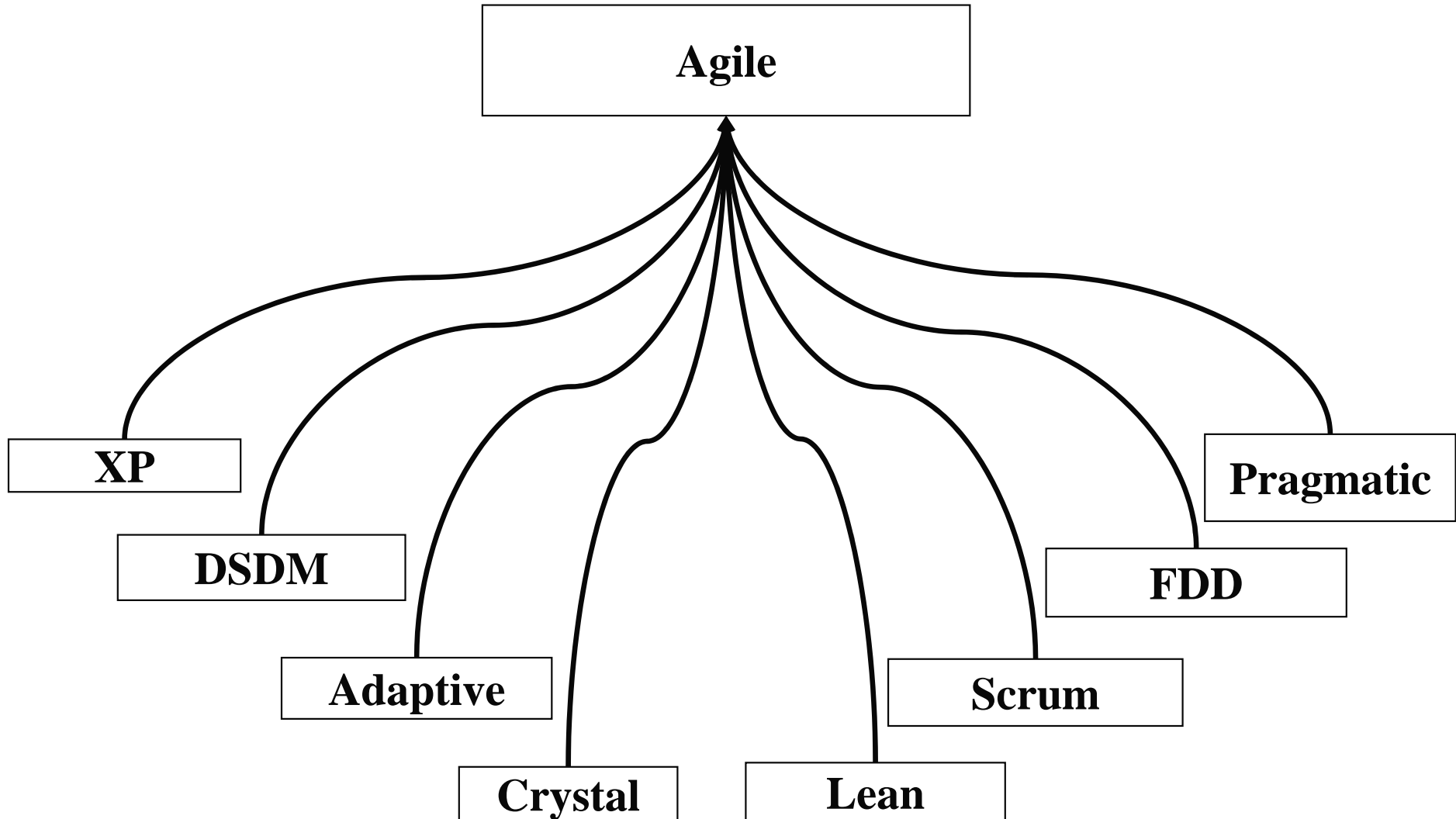


But, what if this was true instead?

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- Industry Leading figures discover similarities between their methodologies.
 - XP (eXtreme Programming) –Kent Beck
 - SCRUM –Jeff Sutherland & Ken Schwaber
 - Adaptive Software Development –Jim Highsmith
 - Crystal Family –Alistair Cockburn
 - Feature-Driven Development –Peter Coad
- They meet in 2001 –and decide to name the “family” of methodologies **Agile**
- They also created the **Agile Manifesto**, and defined **Values and Principles...**

Individuals and interactions **OVER** Processes and tools

Working software **OVER** comprehensive documentation

Customer collaboration **OVER** contract negotiation

Responding to change **OVER** following a plan

- **Customer Focus**
- **Iterative Development**
- **Adaptive Planning**
- **Verifiability Driven**
- **Automation**
- **Collaboration**
- **Visibility**
- **Technical Excellence**

- **Eliminate Waste!**

- Waste: Anything that does not create value for the customer

- A part sitting around waiting to be used
- Making something that's not immediately needed
- Motion / hand-off / transfer of work
- Waiting
- Defects

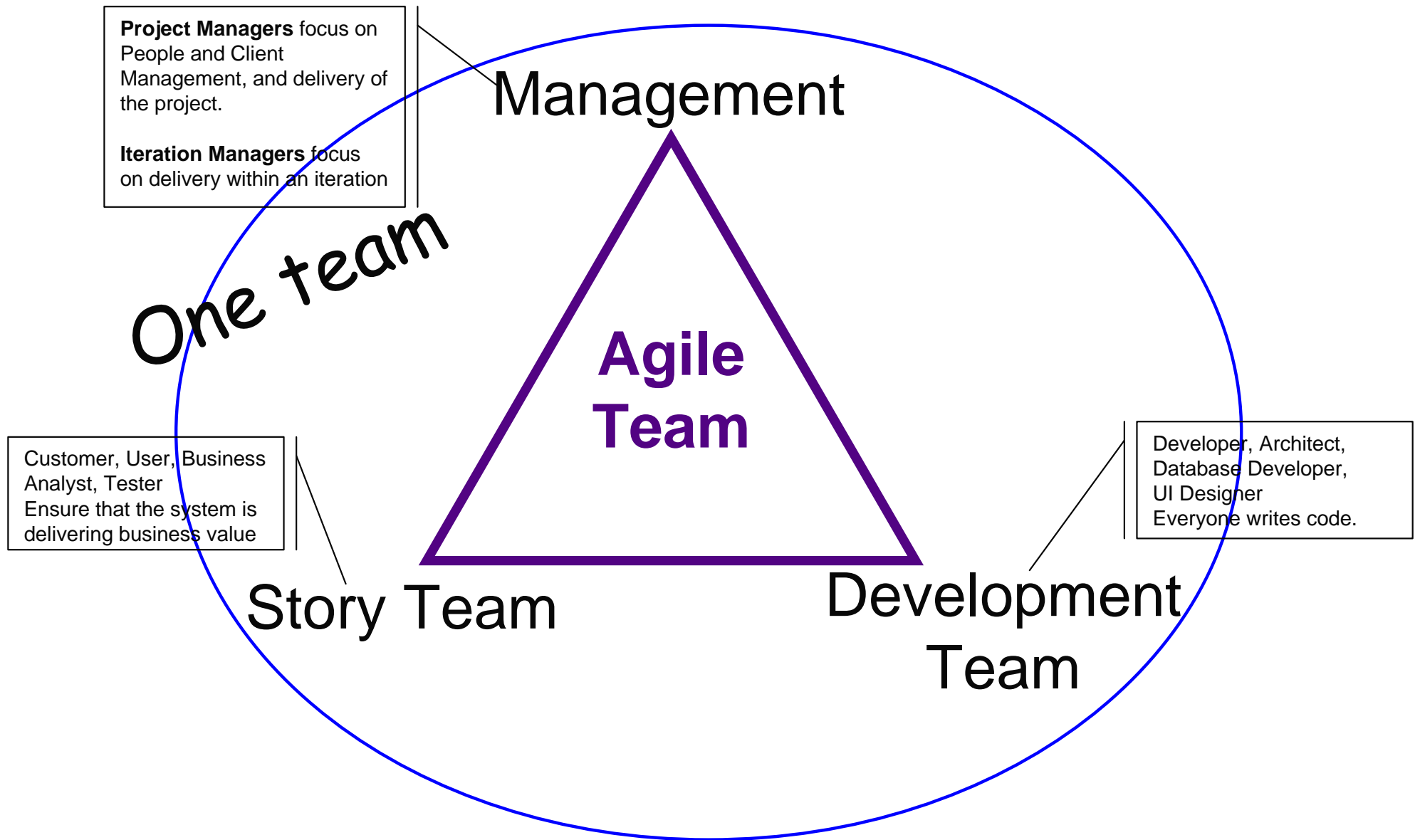
- In software anything besides analysis and coding is waste!

- **Optimize**

- **Constant communication**

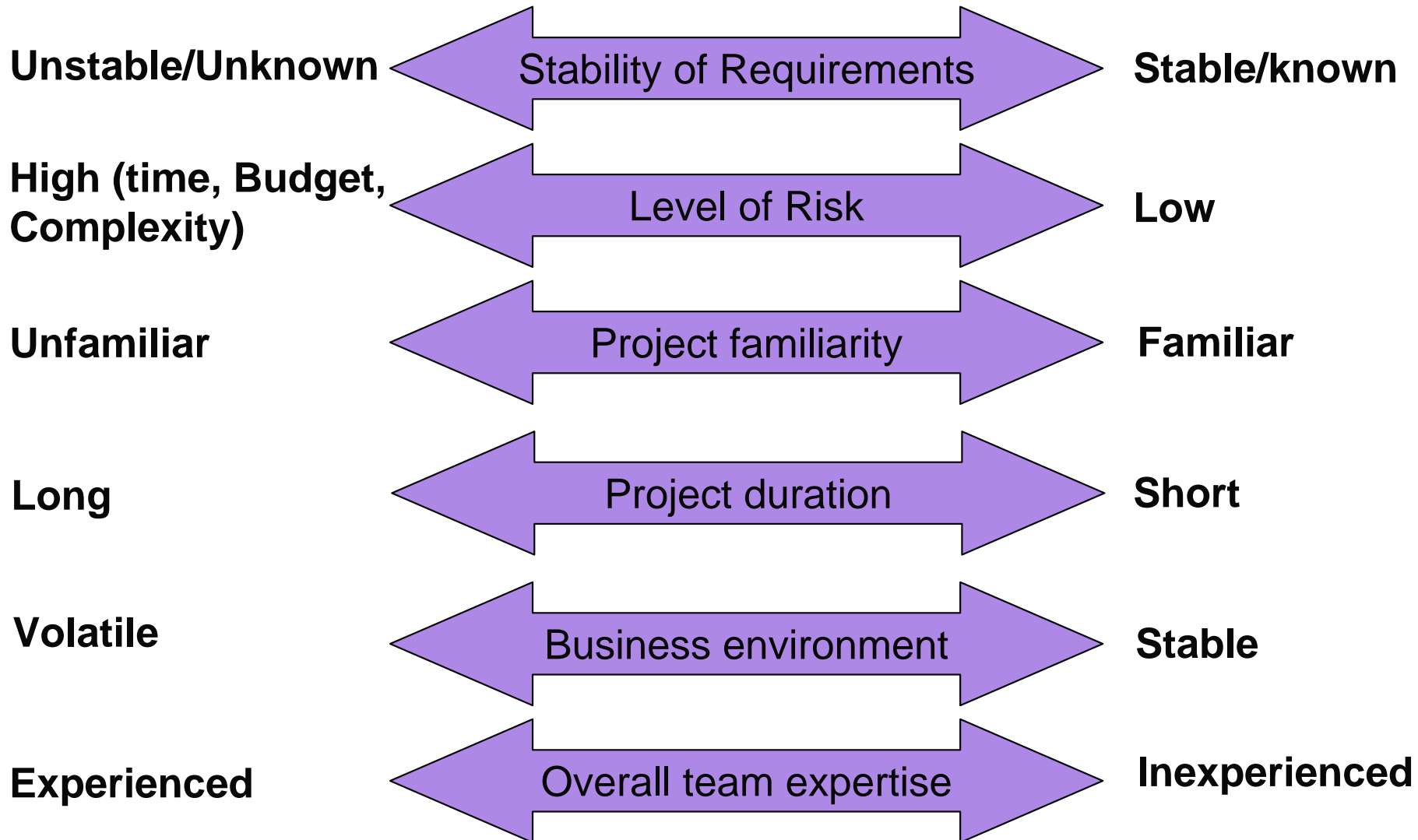
- **Rapid Feedback**

- Deliver rapidly... long development cycles are waste!



Favours Agile

Favours Traditional



No two XP projects will ever act exactly alike.
Once you get comfortable with the basic
process, you will grow it to fit your situation
more precisely

- Kent Beck

- <http://www.agilealliance.org/>
- <http://www.xprogramming.com/>
- <http://www.controlchaos.com/>
- <http://martinfowler.com/>
- <http://c2.com/cgi/wiki>
- <http://agileindia.org/>
- <http://www.testing.com/agile/>
- <http://www.pragmaticprogrammer.com>
- <http://agile.csc.ncsu.edu/index.html>

Thank You!

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