Failing Continuous Delivery

@DanielSawano, @DanielDeogun
Omegapoint

About Us...

Daniel Deogun

Daniel Sawano

Omegapoint

Stockholm - Gothenburg - Malmoe - Umea - New York

omega point.

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[vanishing point]

Dream Inc.

[vanishing point]

omega point

Continuous Delivery or Continuous Deployment?

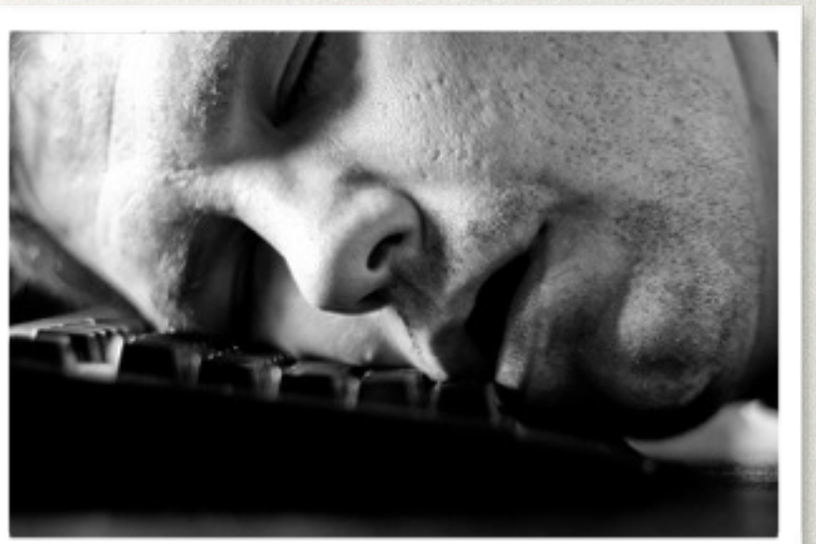
Continuous Delivery

Continuous Deployment

omega point.

What drives CD in an organization?

[Wallstreet]



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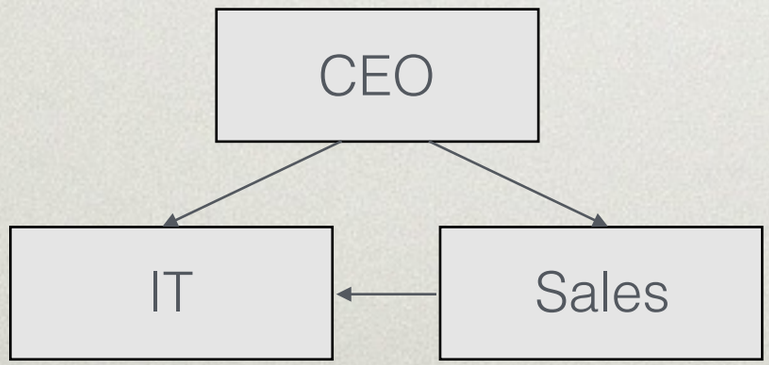

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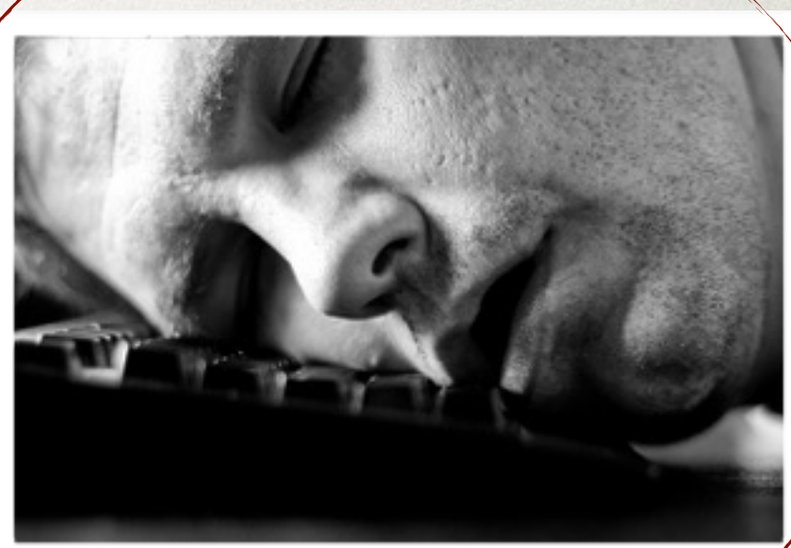

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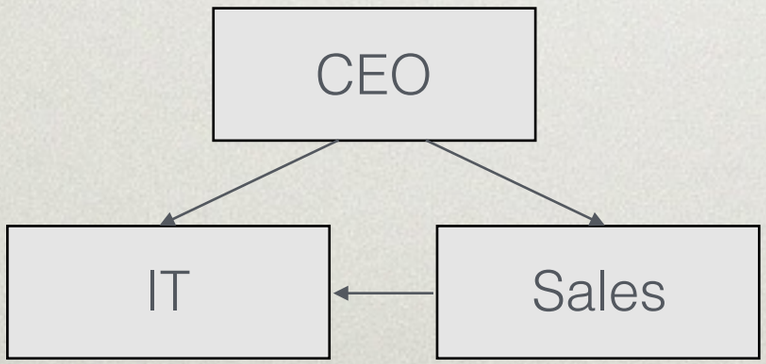

omega point.

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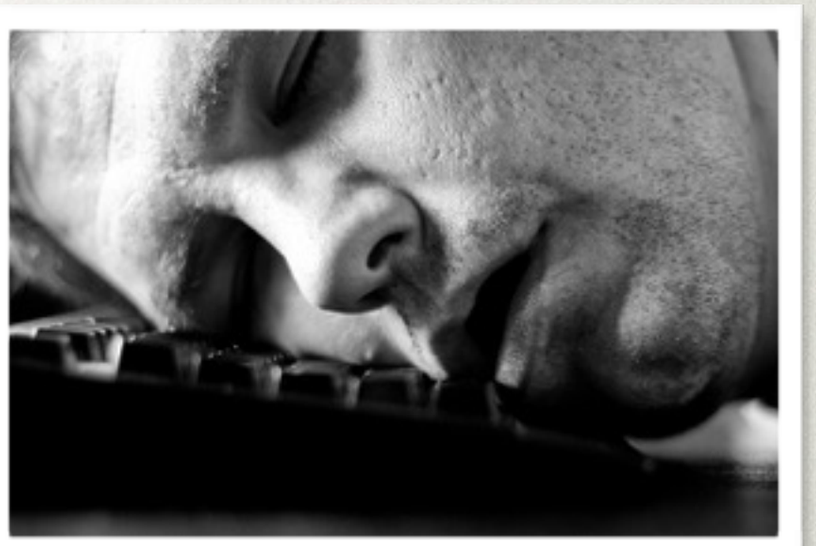

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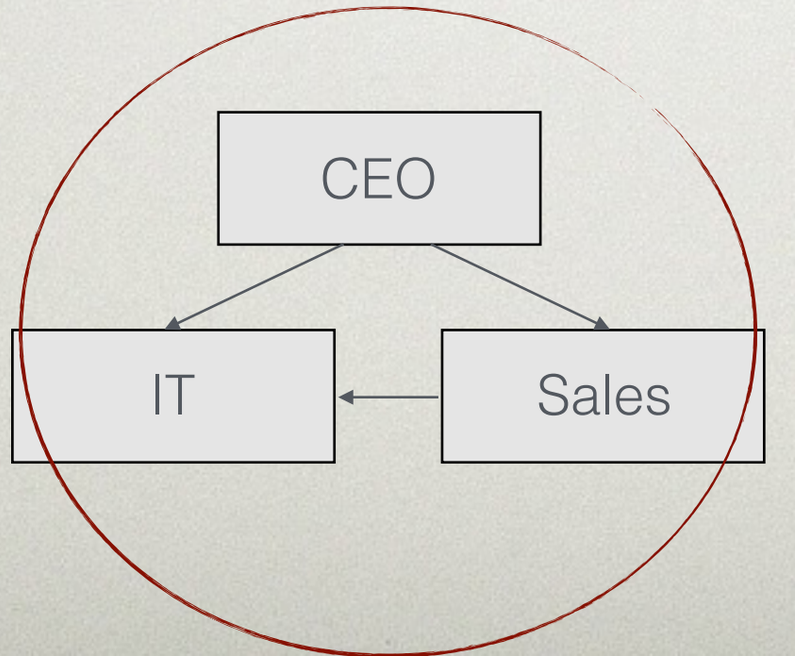
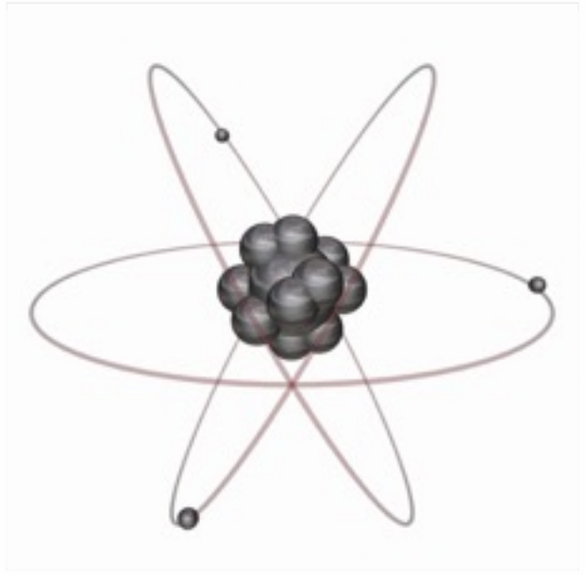


omega point.

Core vs Supportive IT



[Atom]

Core

[Quad Hall]

Supportive

omega point.

IT - Supportive or Core?

omega point.

IT - Supportive or Core?

omega point.

IT - Supportive or Core?

omega point.

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omega point.

IT - Supportive or Core?

Bank of America

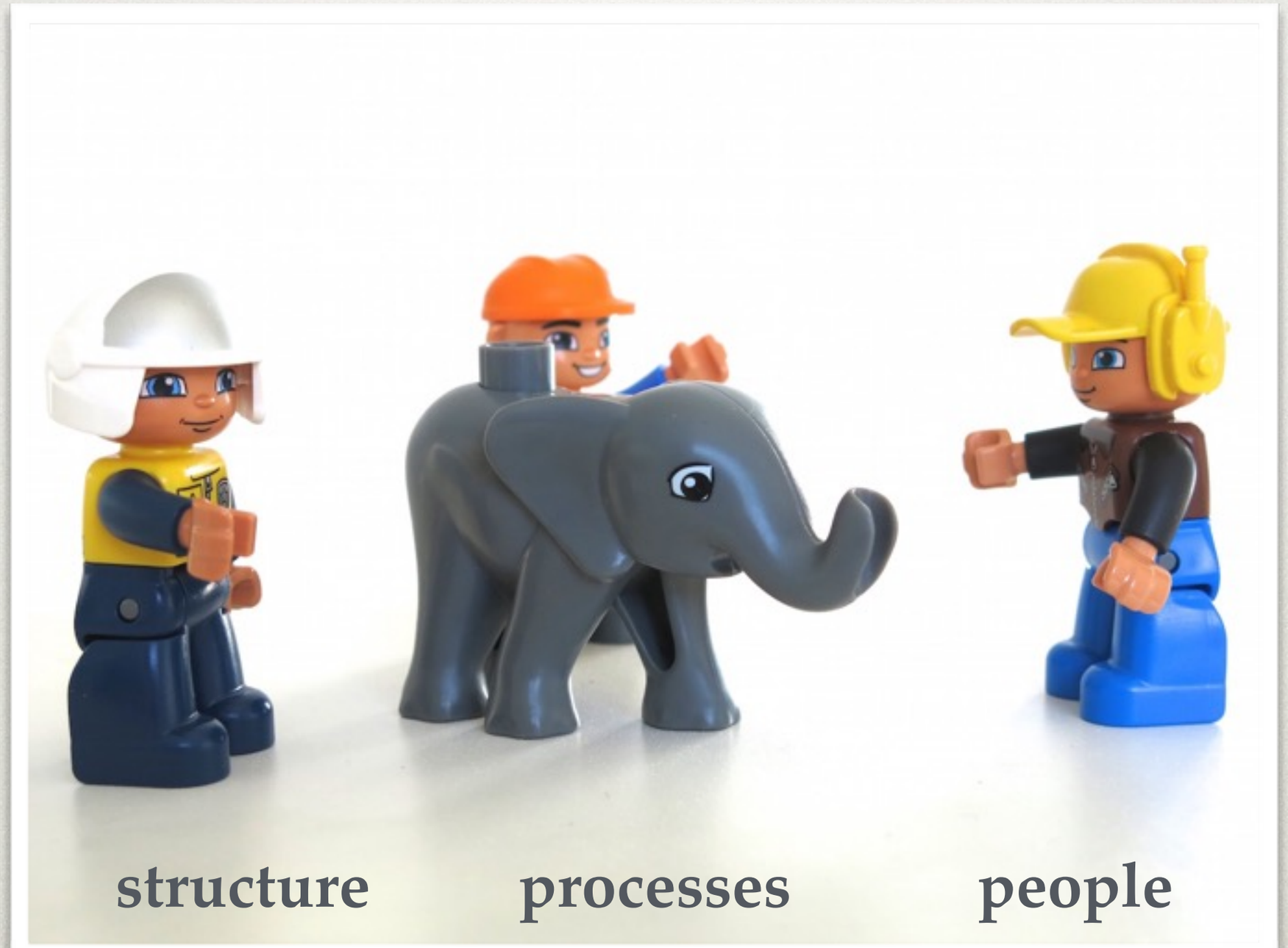
omega point.

The Challenges

[Elephant in the Room]

omega point.

The Challenges



[Elephant in the Room]

omega point.

Organization

Current organization is not designed to continuously produce business value

Organization

Business case

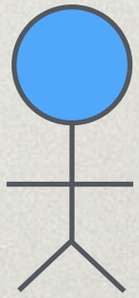
Test

Operations

Design

Development

User



omega point.

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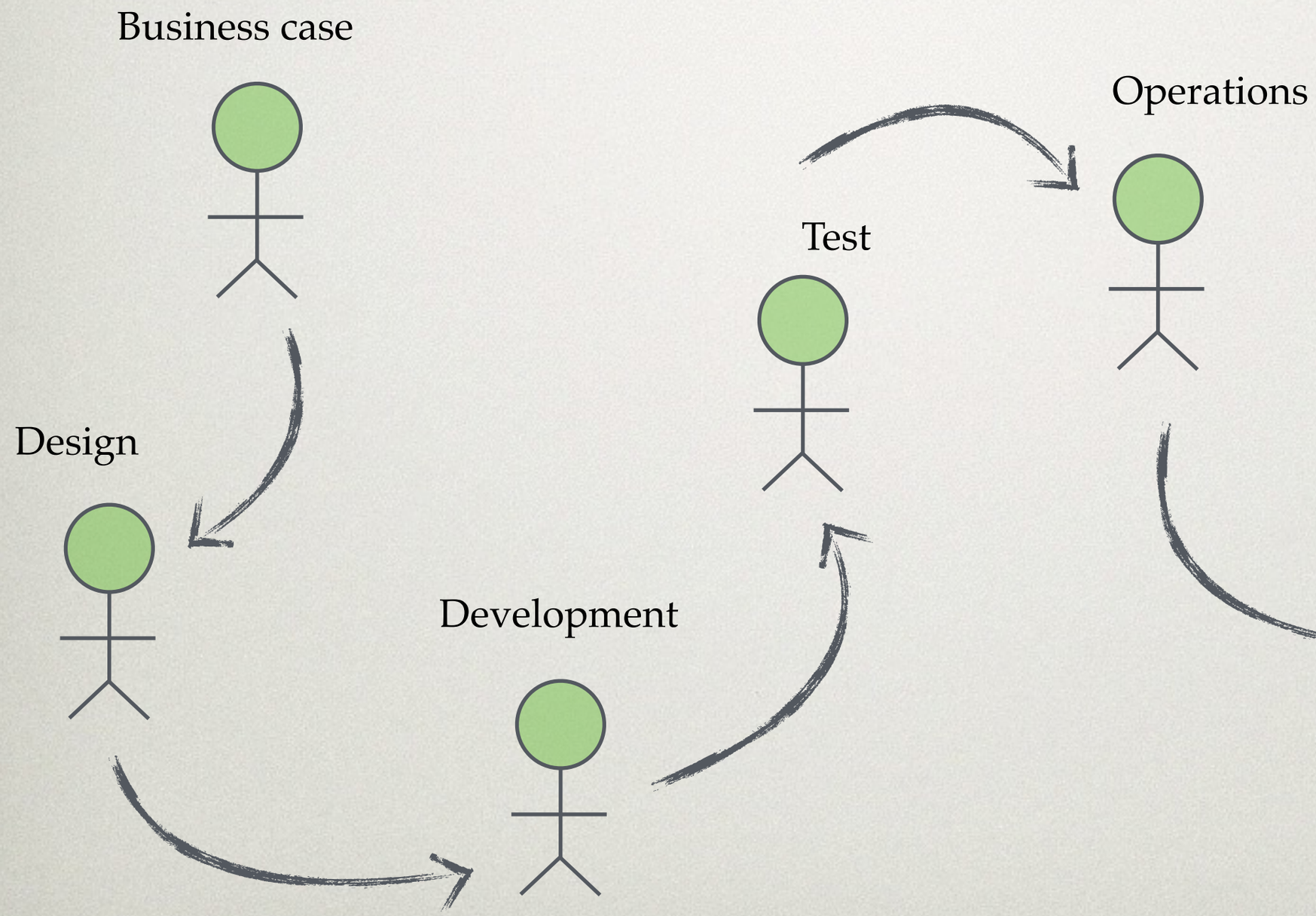

omega point.

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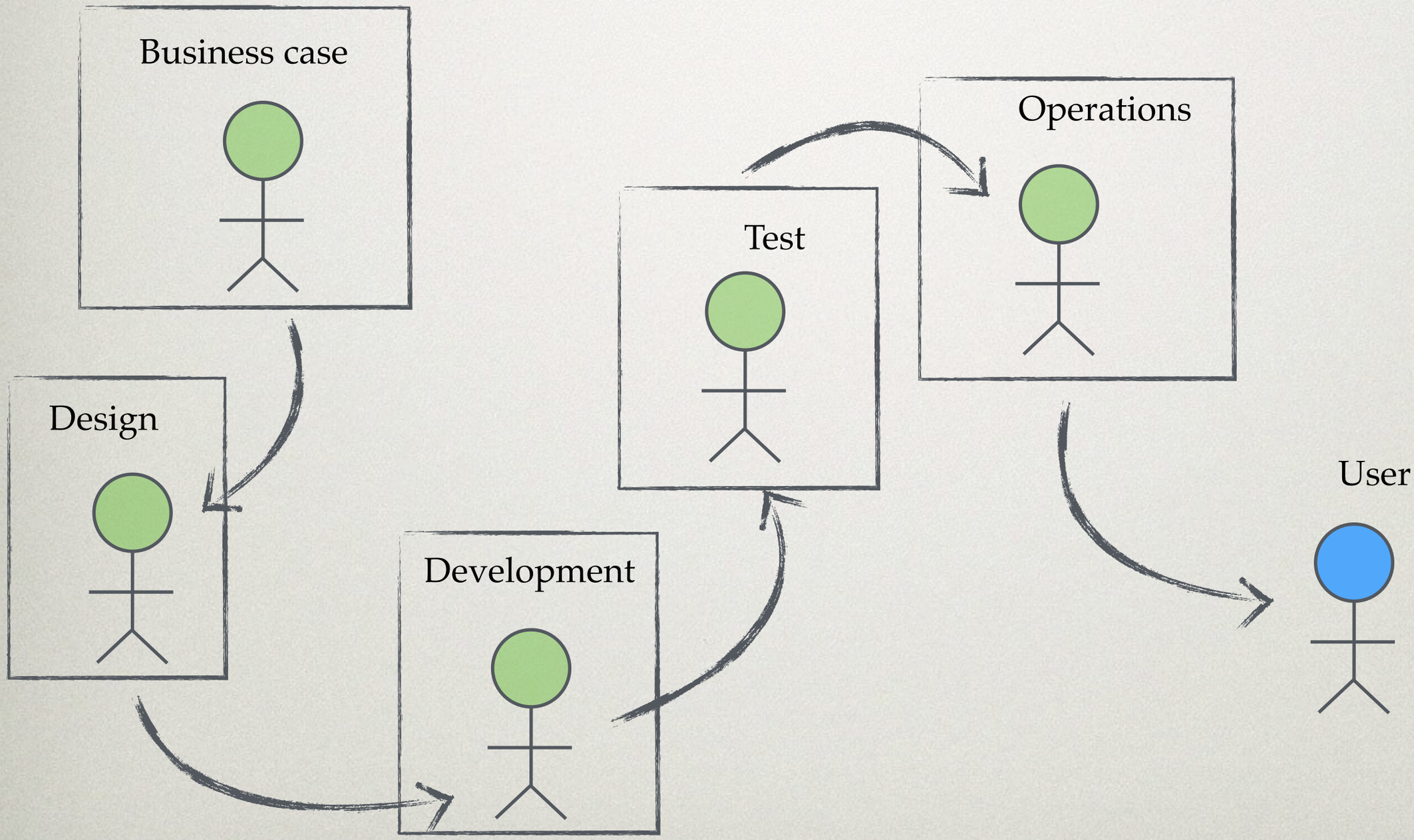
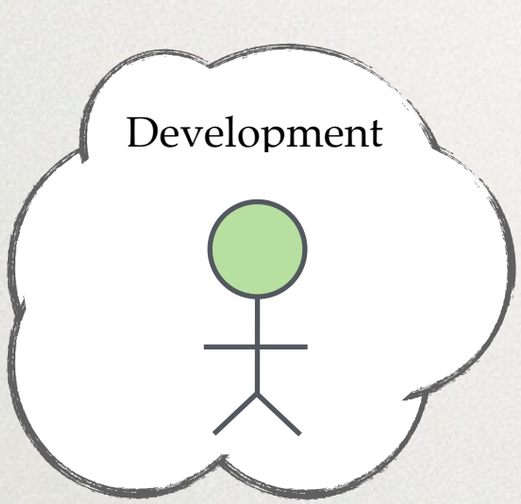
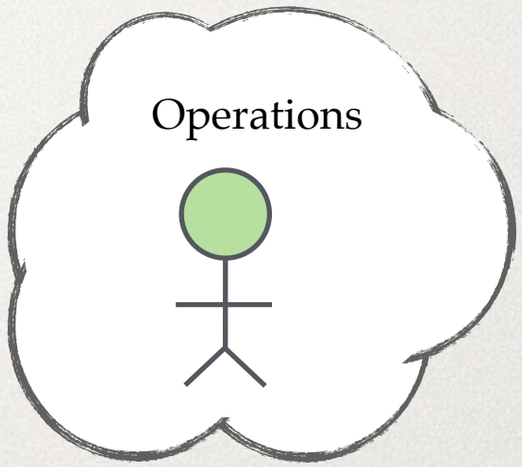
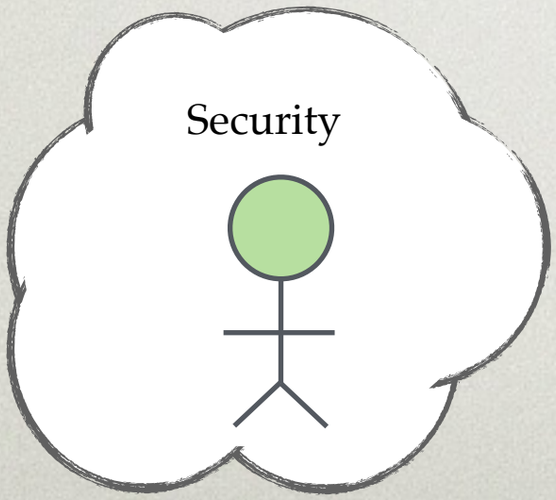


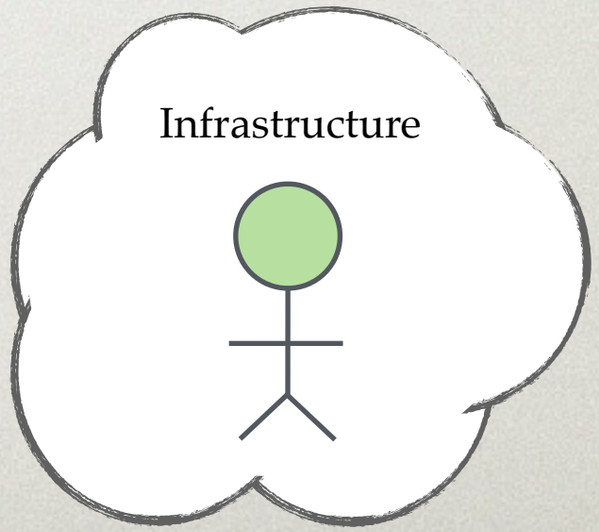
omega point.

Organization









omega point.

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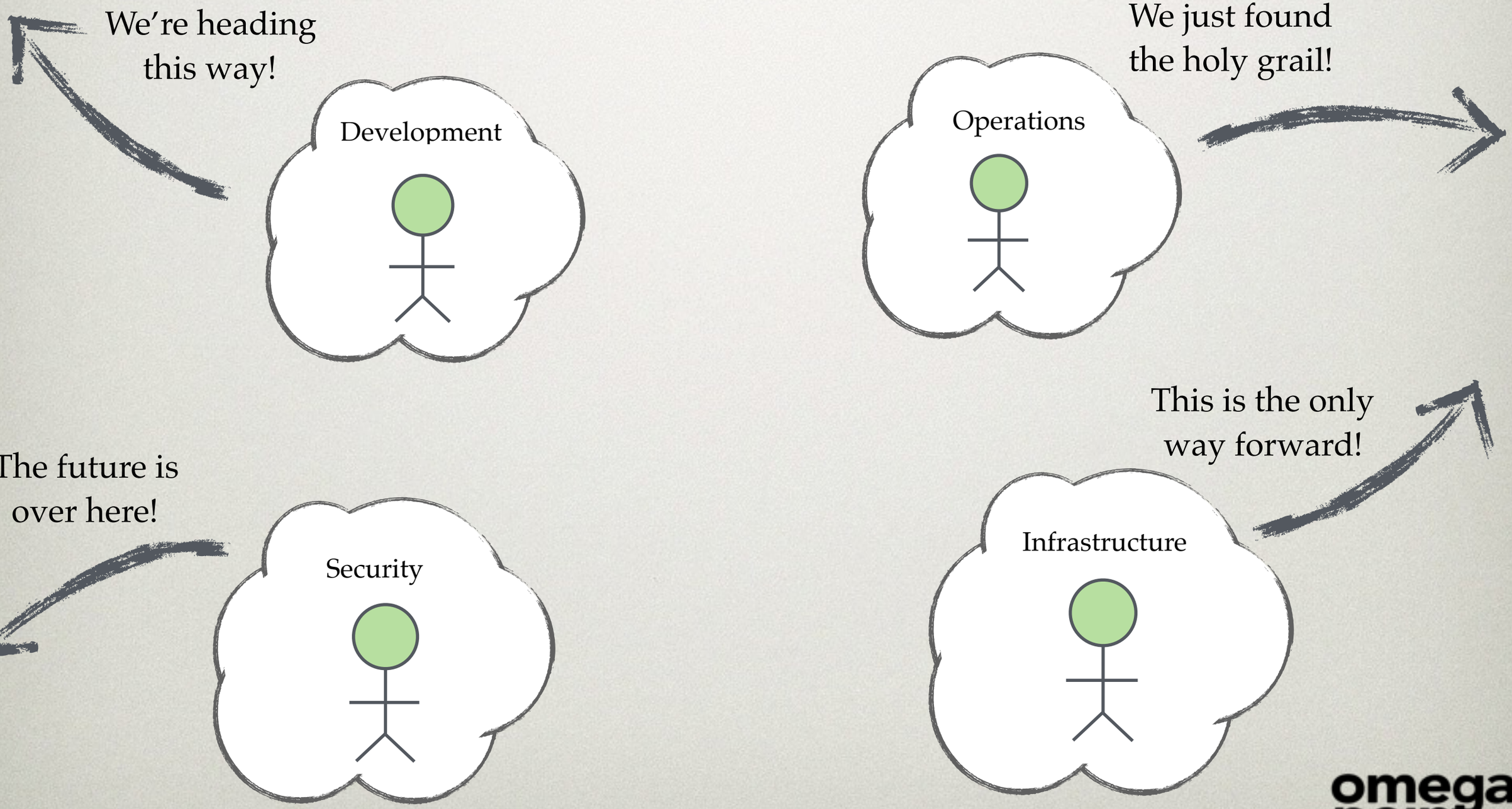


omega point.

Conway's Law

"organizations which design systems … are constrained to produce designs which are copies of the communication structures of these organizations"

- M. Conway, 1967

omega point.

Conway's Law Applied to Business Value

*"Organizations which design IT products are constrained to produce business value at a **rate** limited by the organizational structure"*

omega point.

Inverse Conway Maneuver

"… evolving your team and organizational structure to promote your desired architecture"

- ThoughtWorks Technology Radar

omega point.

Inverse Conway Maneuver

Applied to business value:

> Be prepared to evolve your organization to enable a continuous delivery process

omega point.

Process

[Waterfall]

omega point.

Process

Know when to stop polishing the diamond

omega point.

Process

- The only way to know if an idea that looks good on paper will generate revenue is to test it on customers

- Release, measure, improve/abort

omega point.

Business

[Business]

omega point.

Business

- Todays market is increasingly competitive and demanding

- You need *IT management*

omega point.

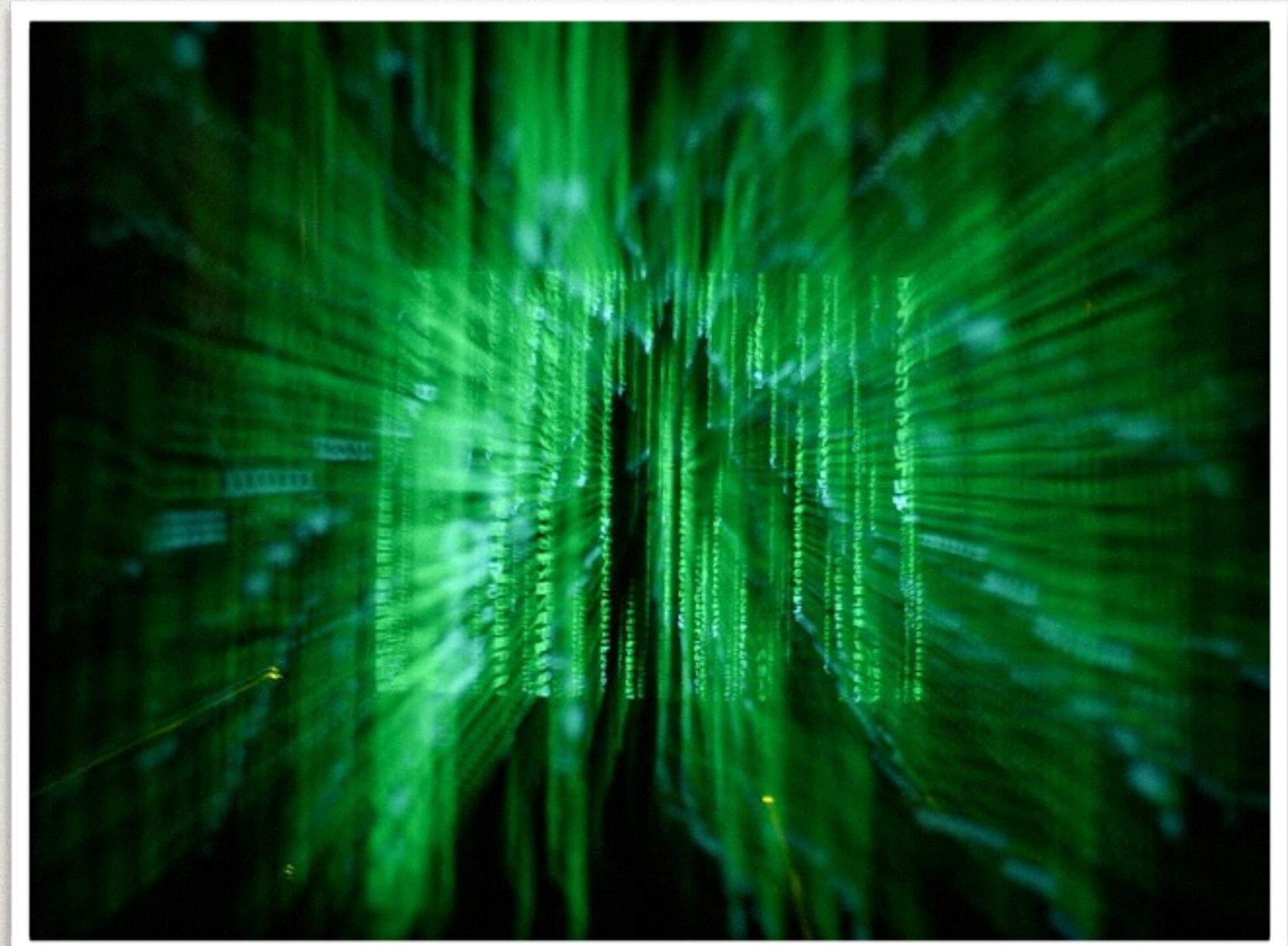
Business

- IT and business is fused together

- New breed of managers

omega point.

IT



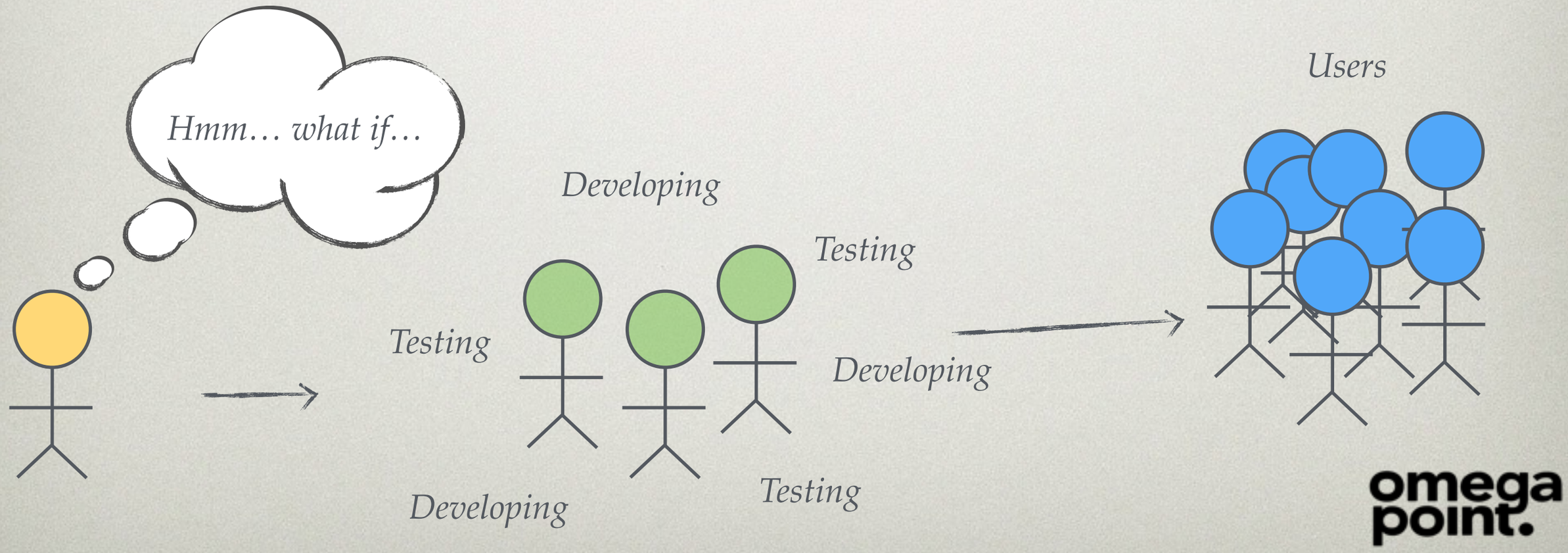
[Matrix Code]

omega point.

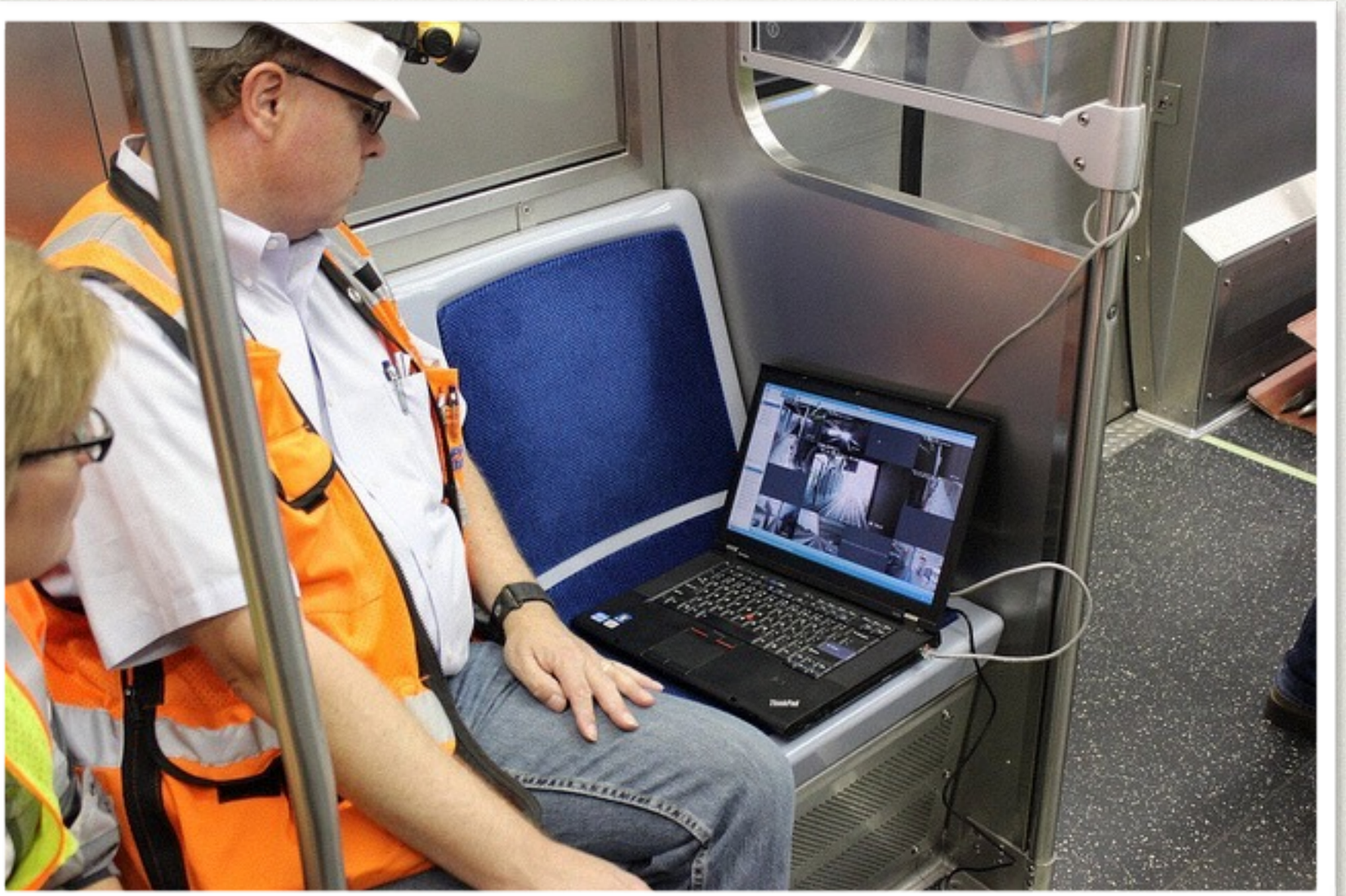
Cycle Time

"…the time it takes from deciding to make a change, whether a bug fix or a feature, to having it available to users."

- Jez Humble, David Farley, Continuous Delivery



Manual Testing
- Just Automate That Sh*t



[Testing]

omega point.

Implications of Just Automate That ...

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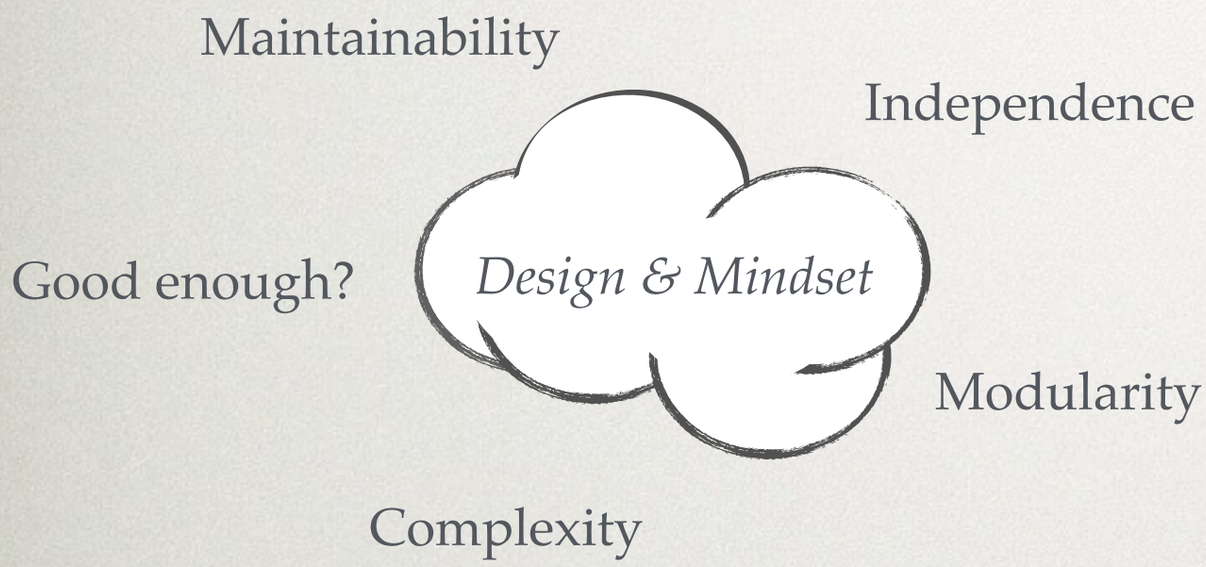

omega point.

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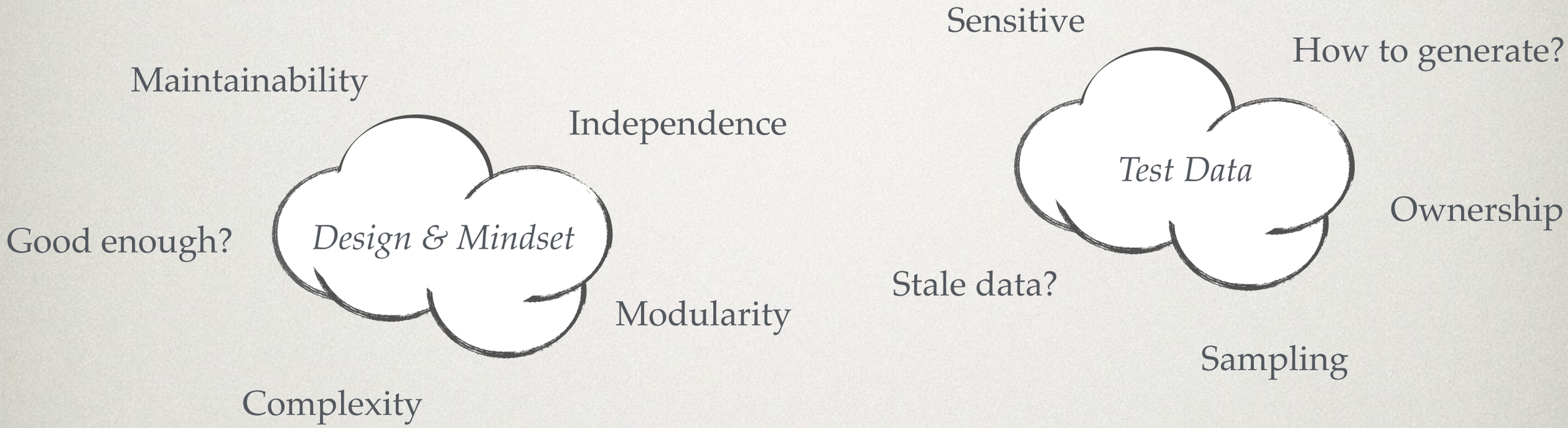

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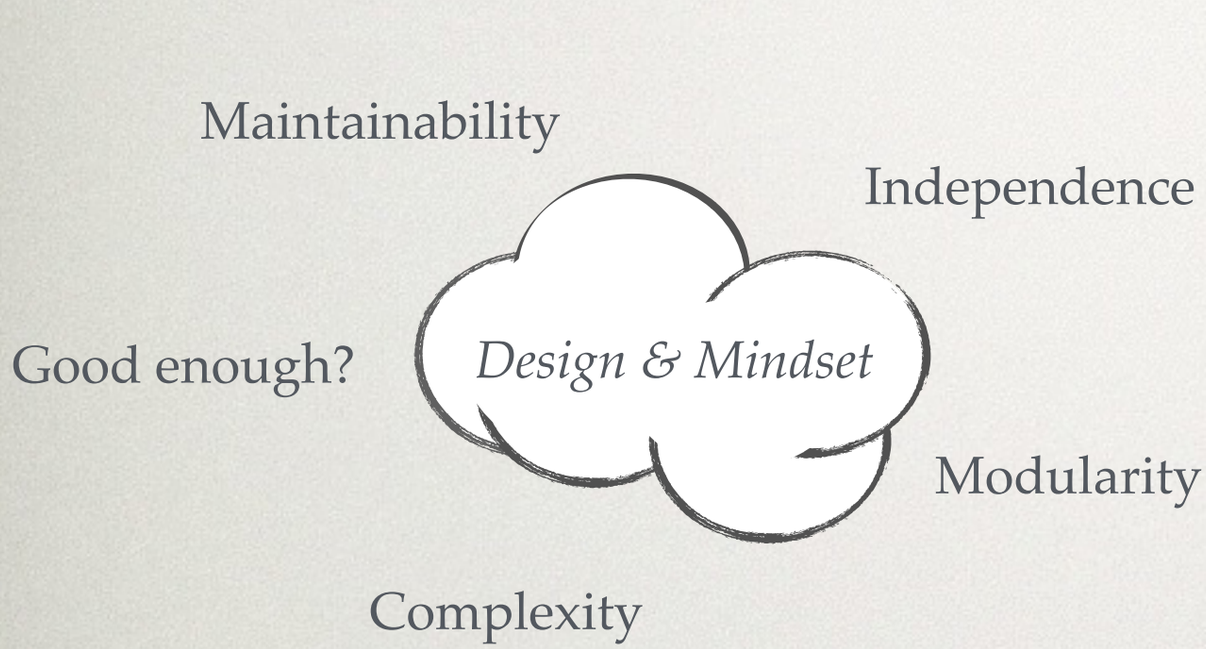

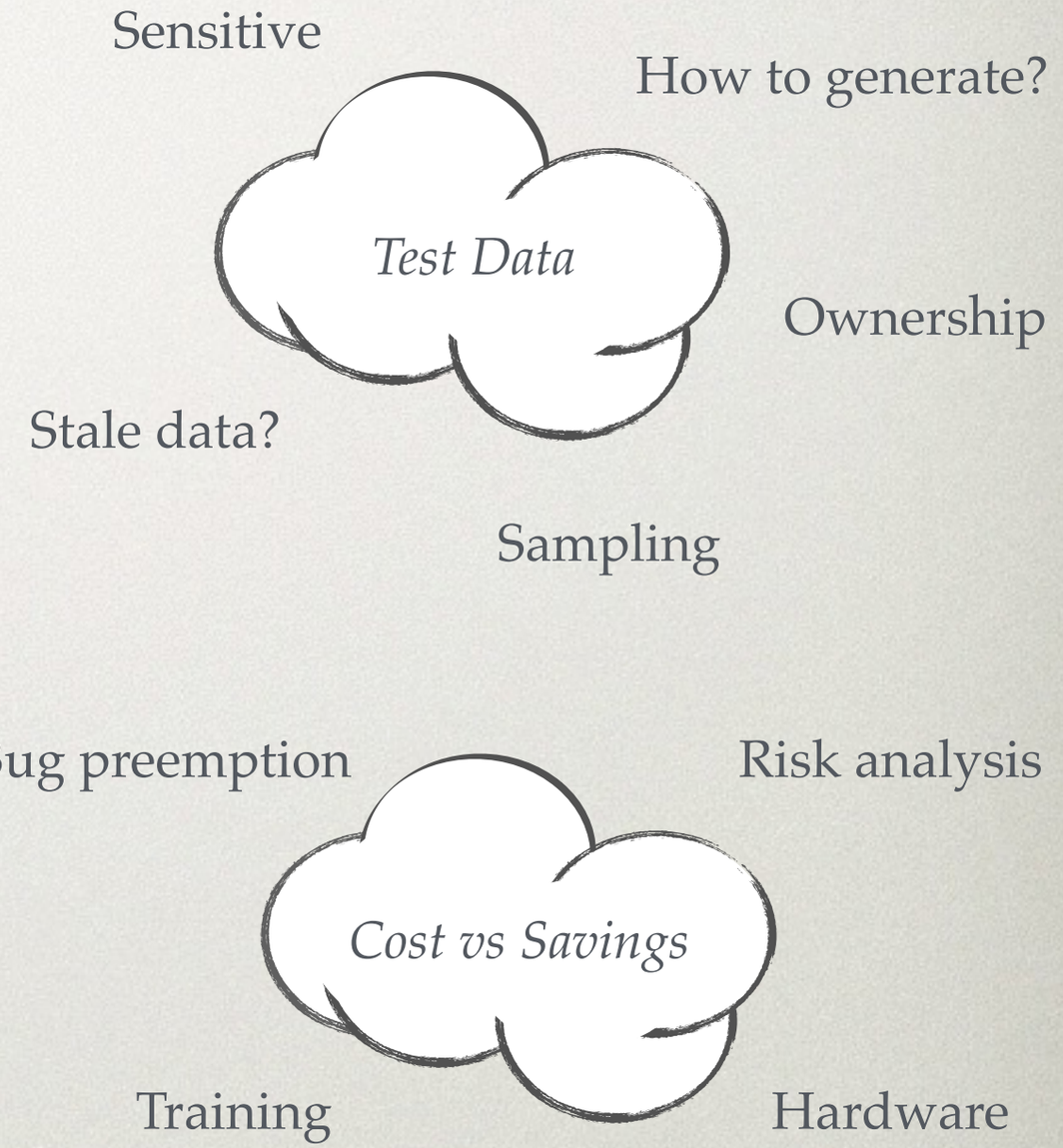

omega point.

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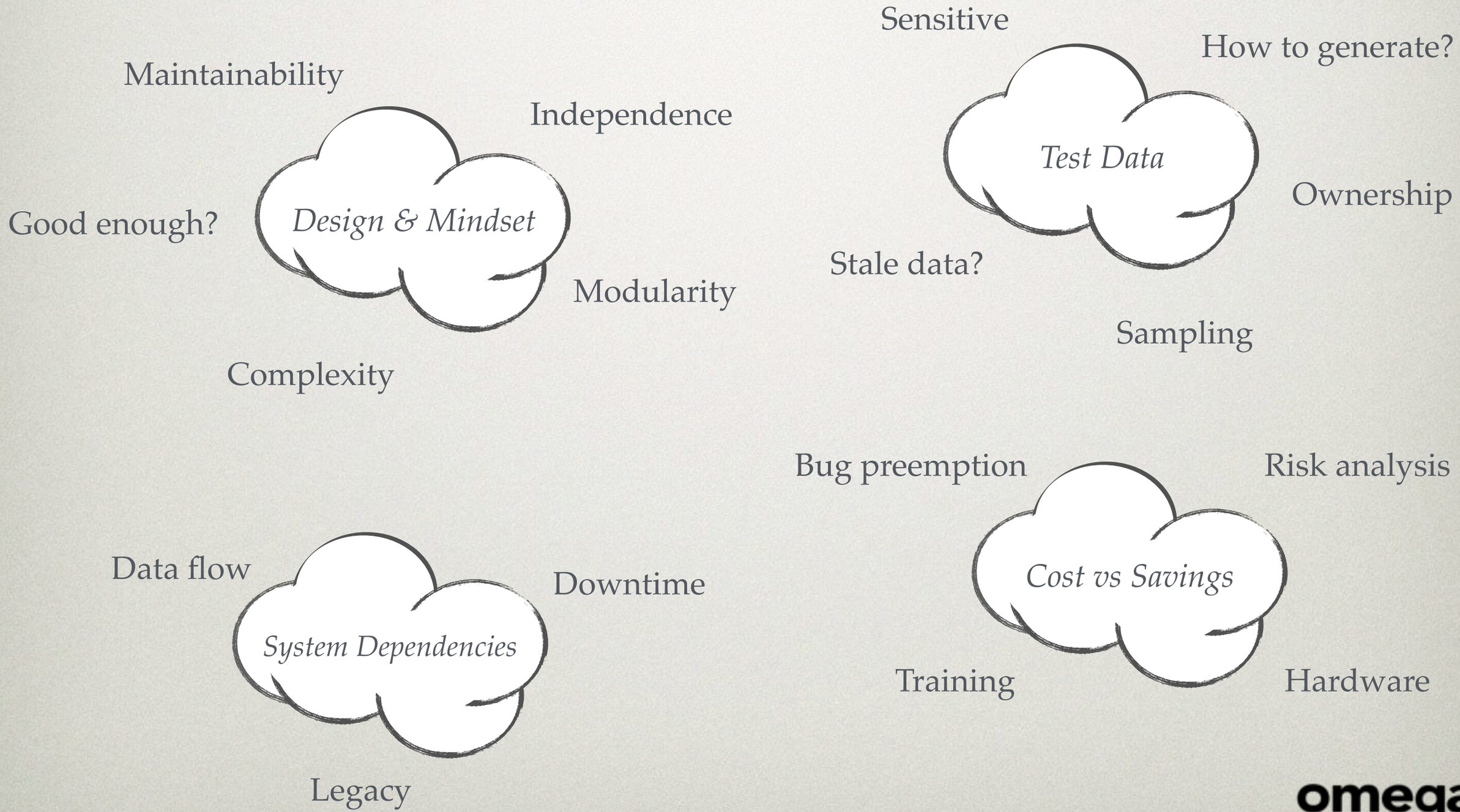

omega point.

Key Take Aways

Continuous Delivery
vs
Continuous Deployment

Core or Supportive IT

Cultural Shift

Processes & Organization

Company Vision

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Q & A

[Questions]

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Awesome images

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Thank you!

@DanielSawano @DanielDeogun

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