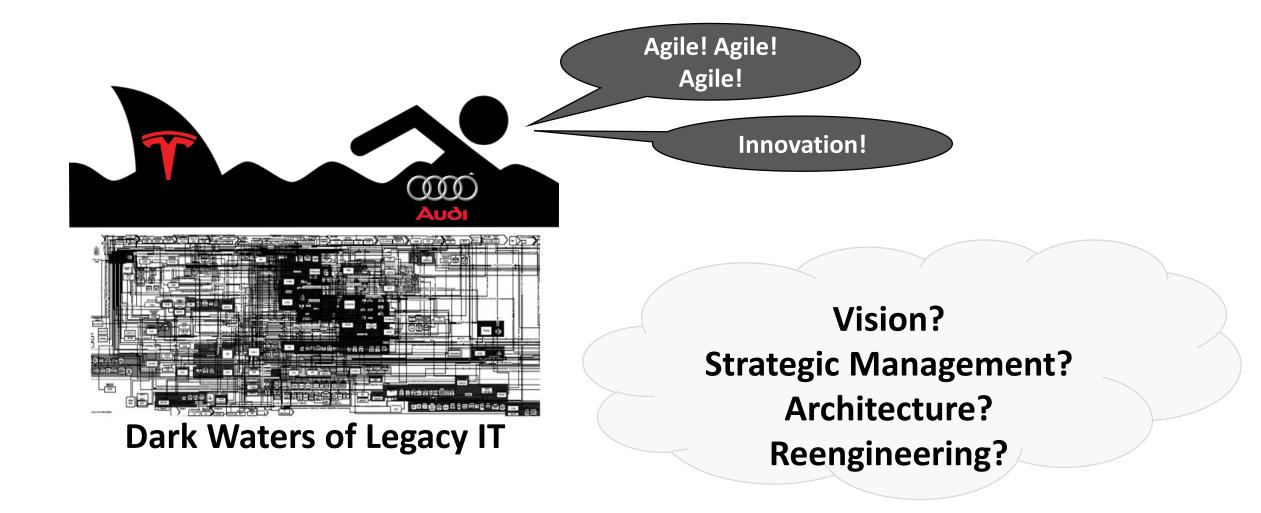


The Problem



Prologue:

What obviously does not work*

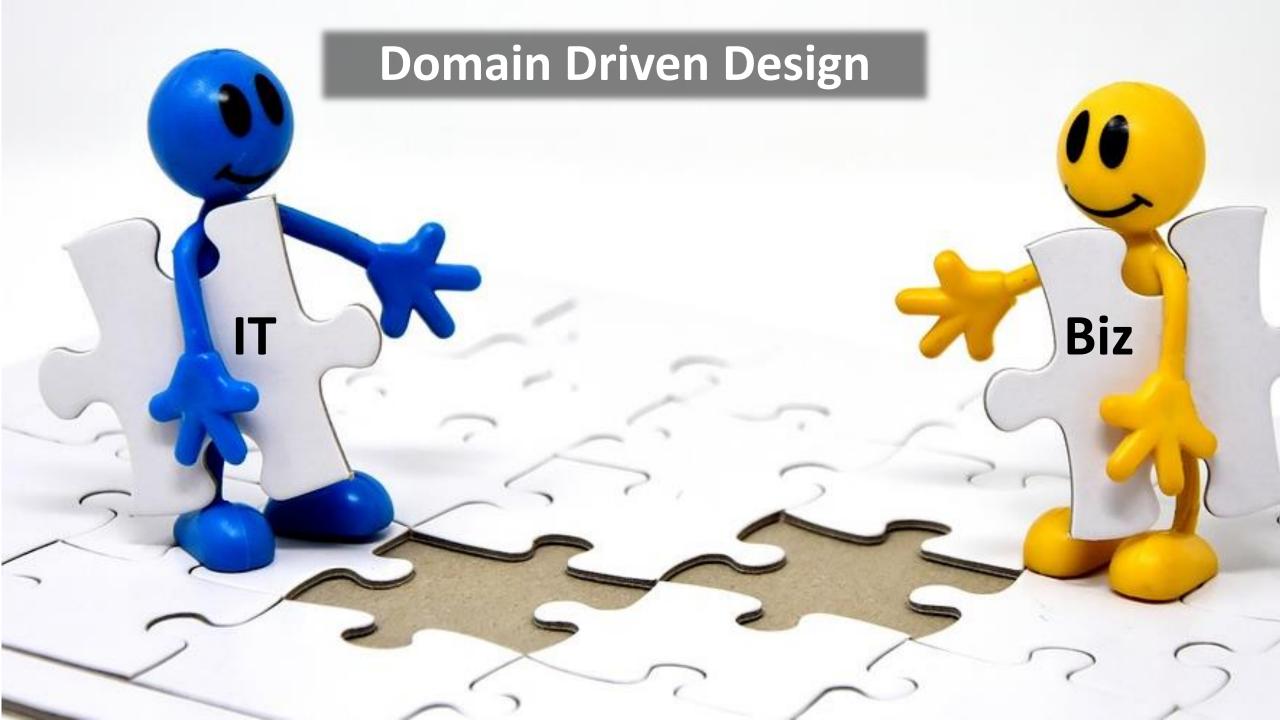


Design Thinking

Let's create yet another unrealizable point solution!

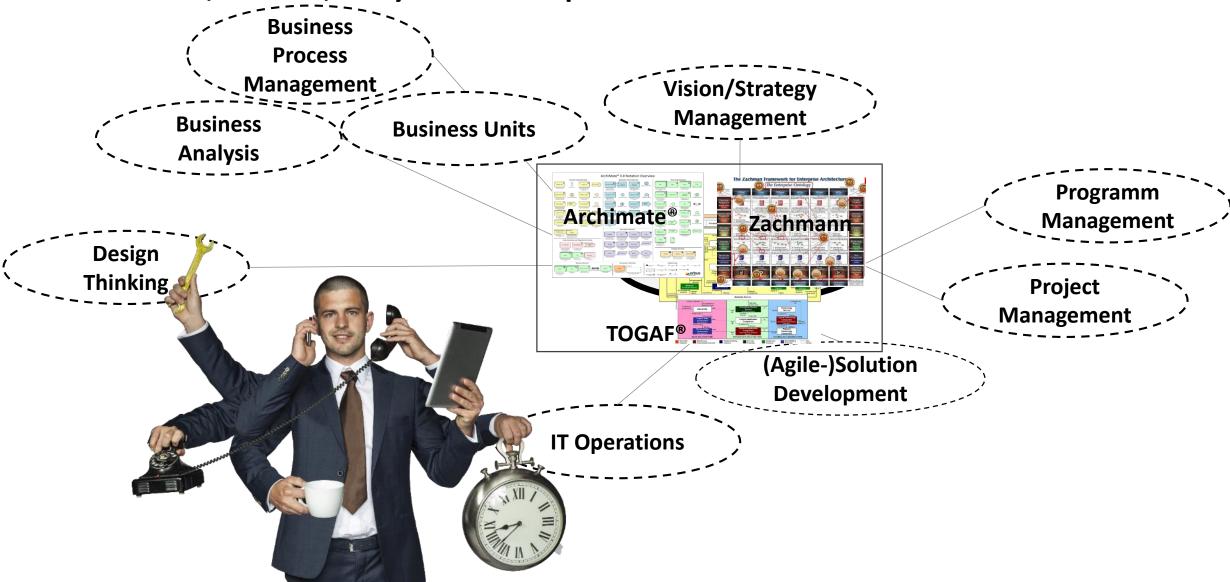


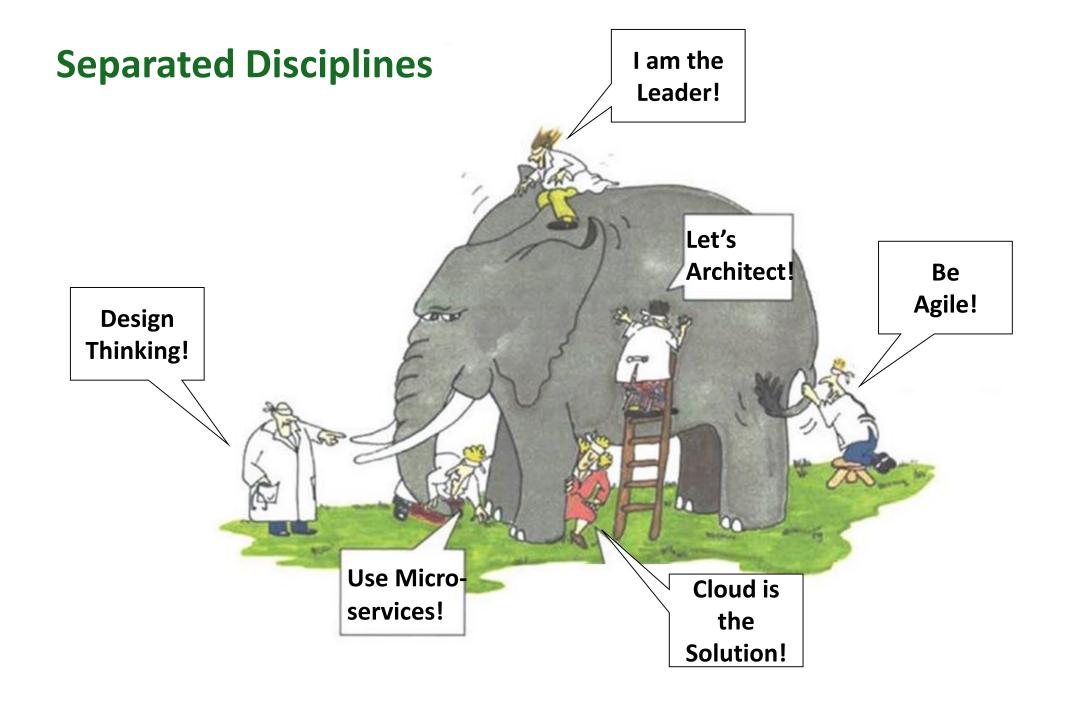




Enterprise Architecture Management as Connector?

An isolated, bloated, Ivory Tower Discipline as Connector?





Agenda

1. Architectural Thinking

- 1.1 Customer centric over technocratic
- 1.2 Lean over bloated Frameworks
- 1.3 Collaborative & Iterativ over autocratic

4. Architectural Thinking and DDD

1. Architectural Thinking

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4. Architectural Thinking and DDD

Vision Statement

"We bring disciplines together to build the missing bridges that enable organizations to adapt and thrive."



Architectural Thinking Association®

- Non Profit Association
- "Förderung des architekturellen Denkens in Unternehmen"
- > Truly open Architectural Thinking Framework®
- architectural-thinking.com/participate



What we do

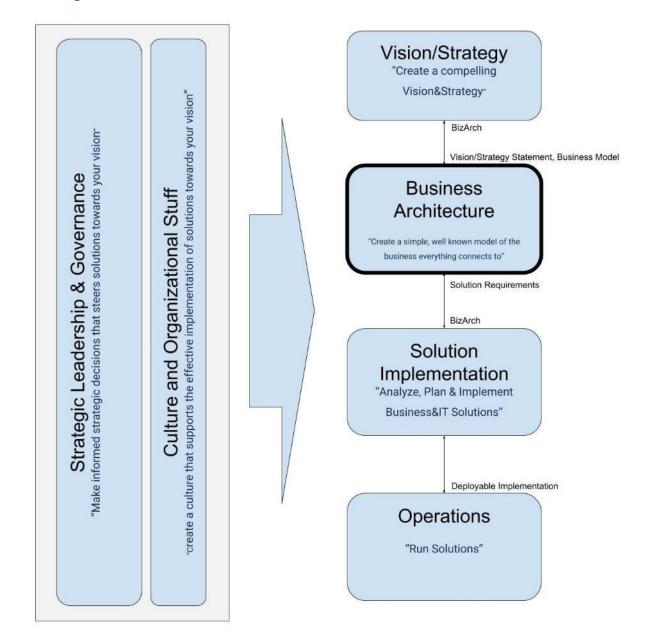
"We form an interdisciplinary leadership team that creates wisdom how to connect disciplines."

"We **bring in the thought leaders** of relevant disciplines to participate in our vision."

"We define a **compelling, simple AT framework** where everbody wants to connect to."



Clusters of Disciplines to be connected



1.1 Customer centric over technocratic

1. Architectural Thinking

- 1.1 Customer centric over technocratic
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- 1.3 Collaborative & Iterativ over autocratic

2. Architectural Thinking and DDD

מיטר כט כי

Who is the primary Customer of Architectural Thinking?

C-level Executives Business Unit Leads

CIO / CDO

IT Solution Architects

Development teams



Innovationmanagement

> Processmanagement

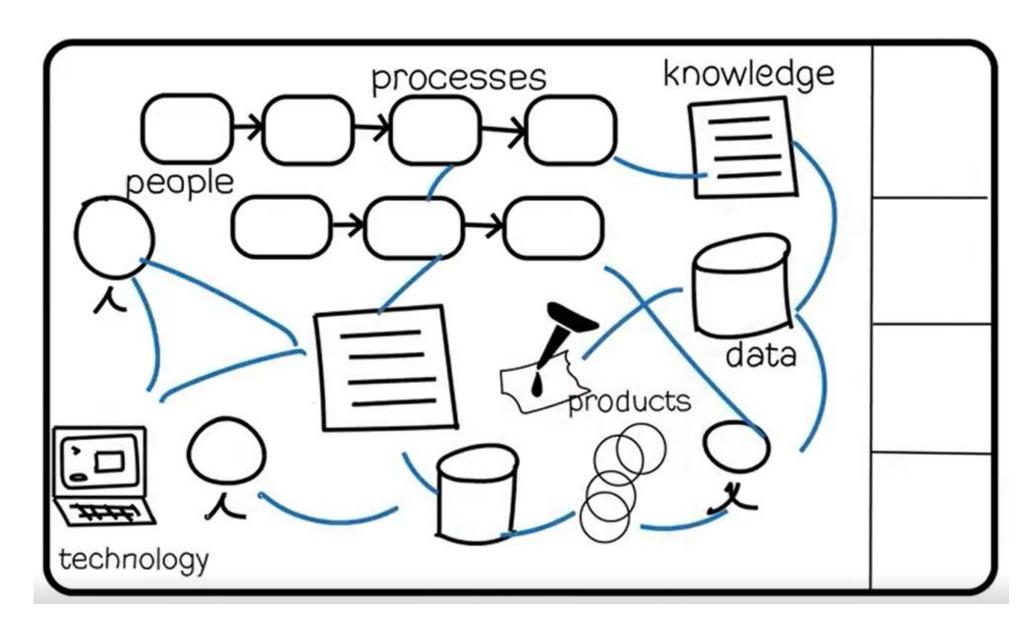
Computing Center



How can Architectural Thinking help?



Business Architecture

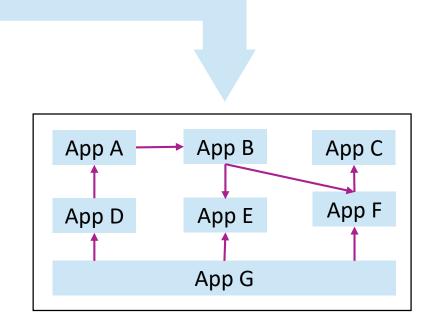


Business Architecture

Makes Business People Accountable for Architecture and Drives IT

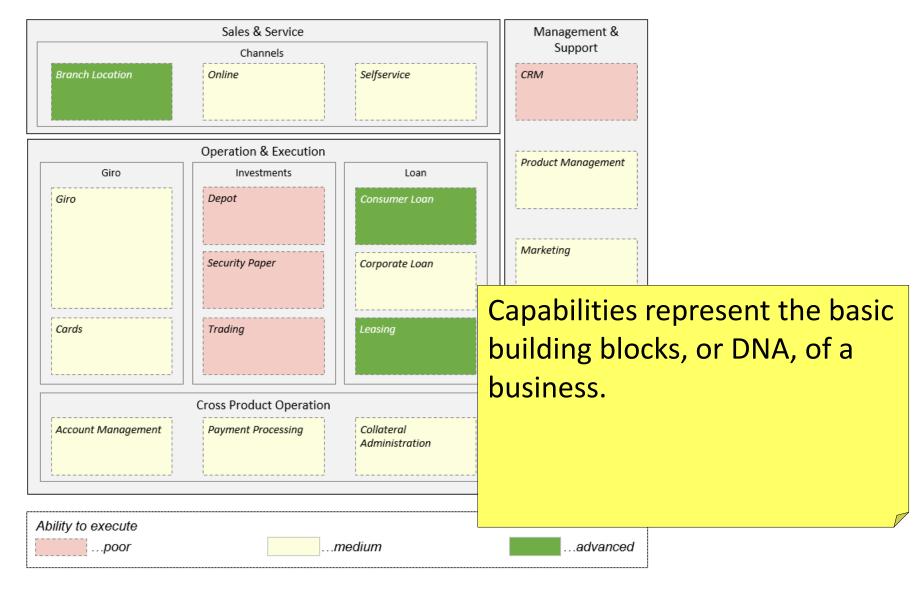


Business Architecture



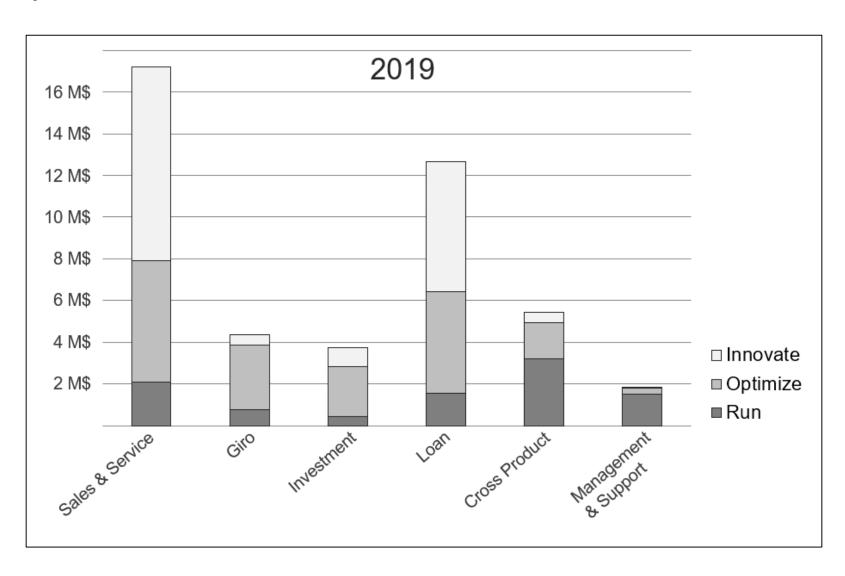
Business Architecture

Capability Model

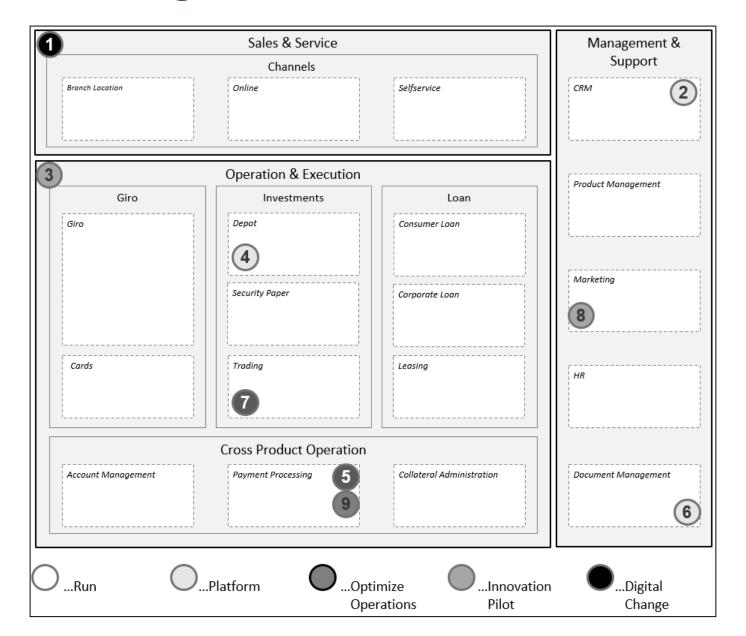


Strategic Budgeting

Per Capability



Governance via Strategic Fields of Action



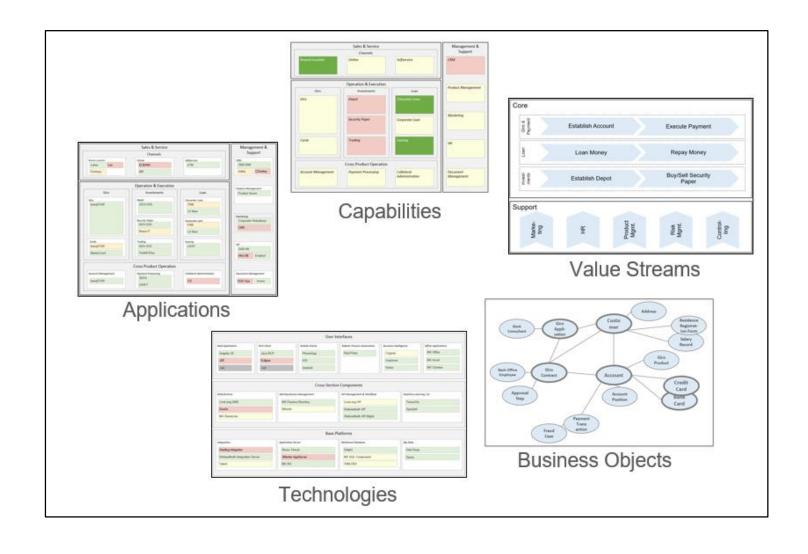
1.2 Lean Maps over bloated Frameworks

1. Architectural Thinking

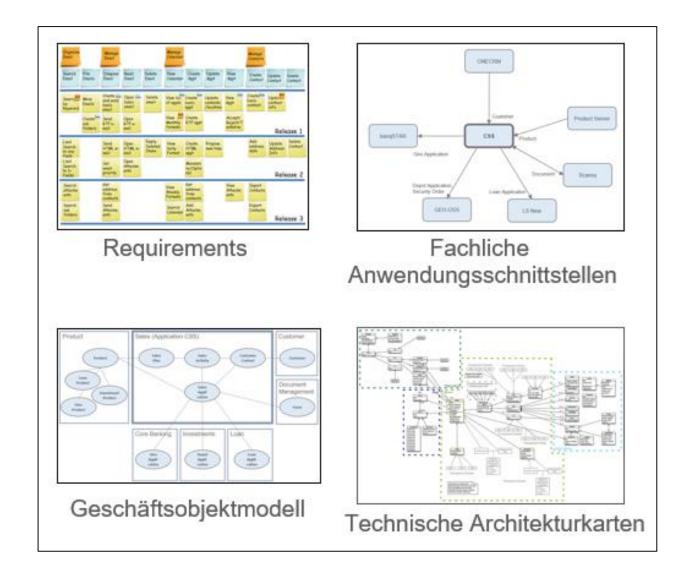
- 1.1 Customer centric over technocratic
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Lean Maps – Enterprise Level



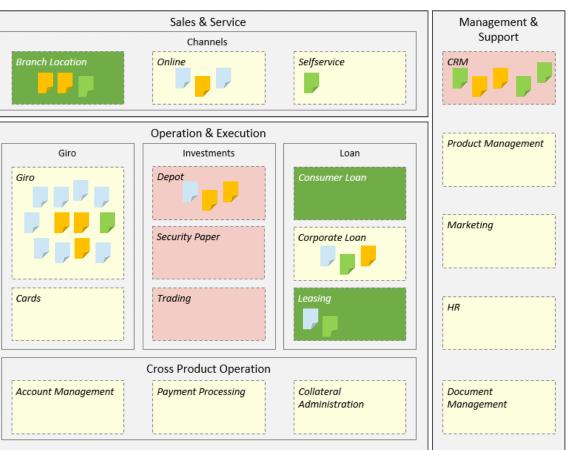
Lean Maps – Solution Level



Connect Solution Requirements with Enterprise Level

Assign Requirements to Capabilities





1.3 Collaborative & Iterative over autocratic

1. Architectural Thinking

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What's the Best Way to Make Strategic Decisions?

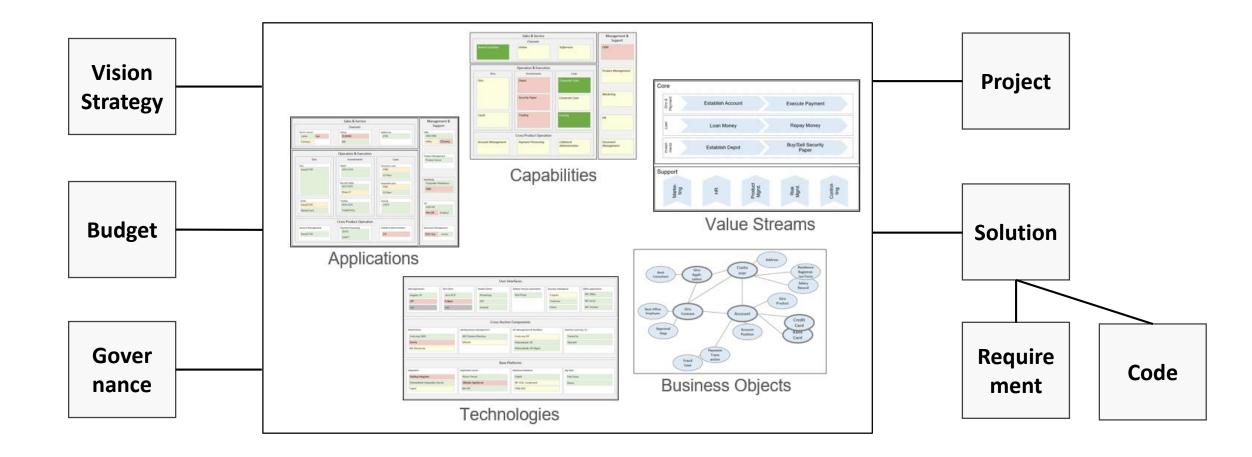
...its Always a Sound Combination!



Democratic, Bottom-up

Management, Top-down

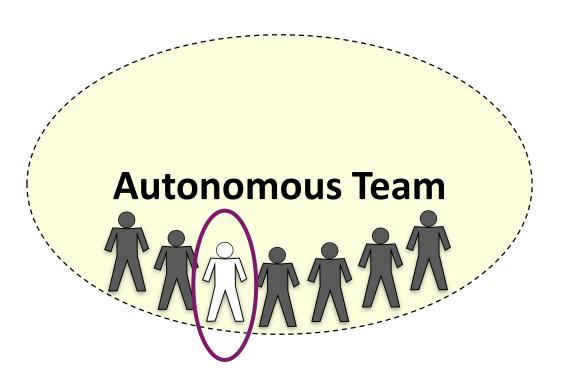
Connect "Managing Disciplines to Enterprise Maps



T MM IIII | aaf Tev

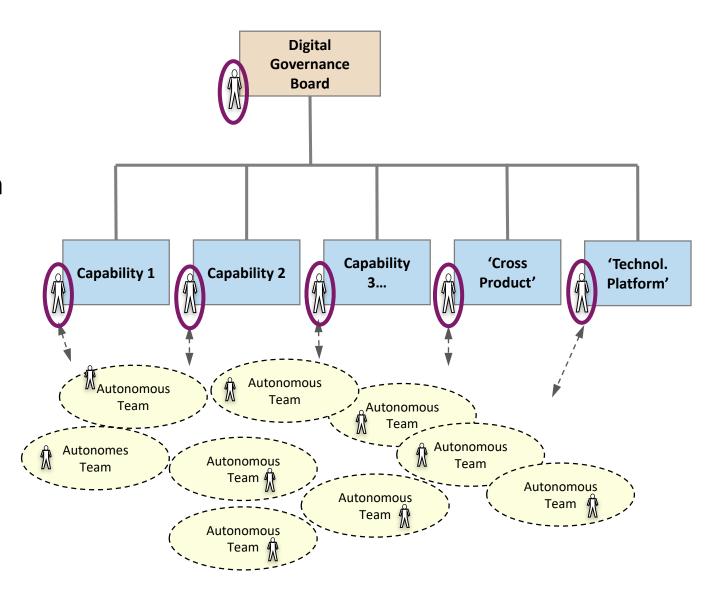
"Architecture Coordinator" im Entwicklungsteam

- > 80% of architectural Work happens in Solution Team
- > Everybody is architect on micro level
- "Architecture Coordinator" accountable for
 - > Solution Architecture as a whole
 - > Integration with Enterprise Architecture

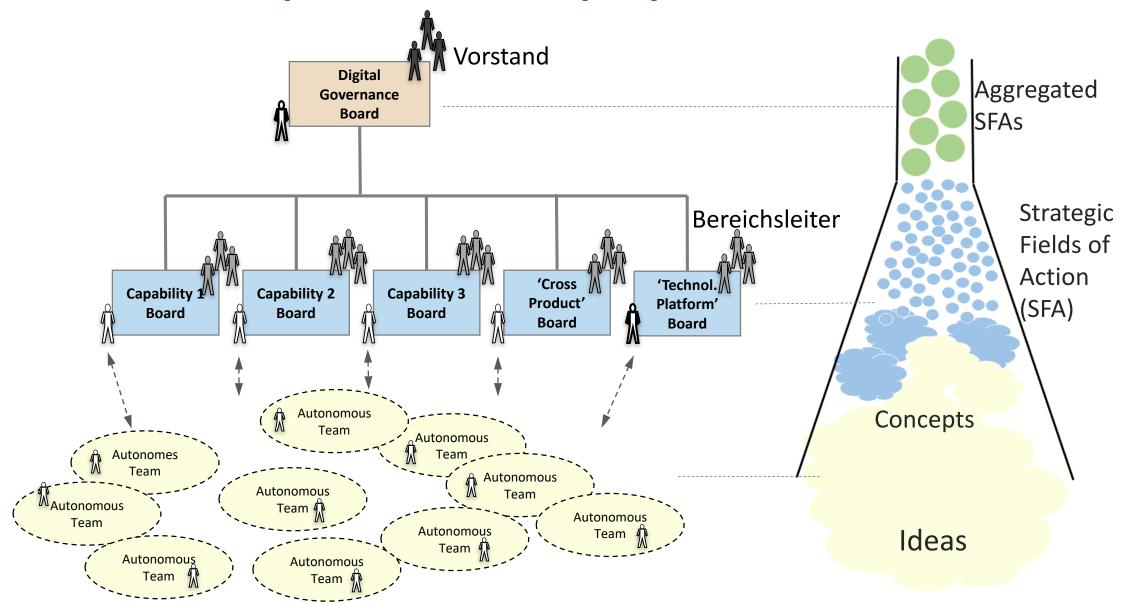


"Architecture Coordinator" Enterprise Level

- > 20% of Architecture Work
- Optimizes across Solutions
- > Enge Abstimmung mit AC Solution



Architectural Map as Core of Company wide Governance



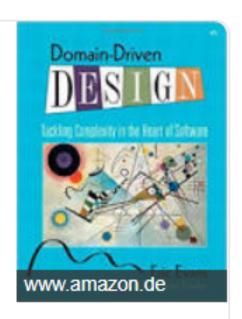
1.3 Collaborative & Iterative over autocratic

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Domain Driven Design

Domain-driven design (DDD) is an approach to software development for complex needs by connecting the implementation to an evolving model.



Domain-driven design - Wikipedia

https://en.wikipedia.org/wiki/Domain-driven_design

"Model" Domain Driven Design vs Business Architecture

Domain = Enterprise

A sphere of knowledge (ontology), influence, or activity. The subject area to which the user applies a program is the domain of the software;

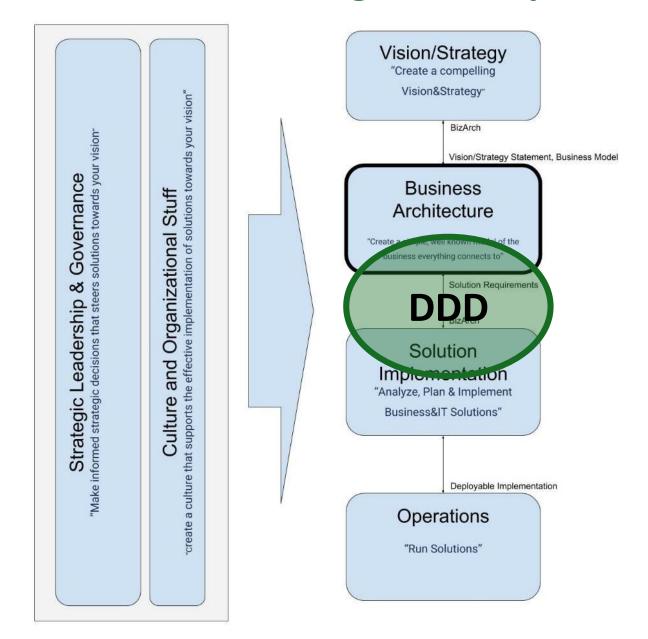
Model = Capabilities, Value Streams, Information Objects

A system of abstractions that describes selected aspects of a domain and can be used to solve problems related to that domain;

Ubiquitous Language = Nope...Focus on strategic Level

A language structured around the domain model and used by all team members to connect all the activities of the team with the software.

Positioning Domain Driven Design in Discipline's Cluster





Dr. Wolfgang Goebl

wolfgang.goebl@architectural-thinking.com architectural-thinking.com







Recommended Reading

[Ambler10]: S. Ambler: 'Disciplined Agile Delivery'

[BAGuild16]: Business Architecture Guild, "A Guide to the Business Architecture Body of Knowledge." (BIZBOK® Guide, v6.5), http://www.businessgrebitecture.guild.org/

Knowledge®" (BIZBOK® Guide, v6.5), http://www.businessarchitectureguild.org/

[Brooks10]: F. Brooks: 'The Design of Design: Essays from a Computer Scientist'

[Carr18]: D. Carr 'State of Enterprise Architecture Survey: Results and Findings' https://eapj.org/wp-content/uploads/2018/05/EAPJ-Special-Edition-State-of-EA-Survey.pdf

[Eckstein18]: J. Eckstein: 'Company-wide Agility'

[Kostic 16]: N. Kostic: 'Demystifying Enterprise Architecture' http://www.entarchs.com/blog/demystifying-enterprise-architecture.html

[Westerman15]: 'Leading Digital Turning Technology into Business Transformation'