

Tech-Oriented Agile Insights

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With more than 60,000 members and subscribers around the globe, Agile Alliance is driven by [the principles](#) of [Agile methodologies](#) and the value delivered to developers, organizations, and end users. We share our passion to deliver software better every day.



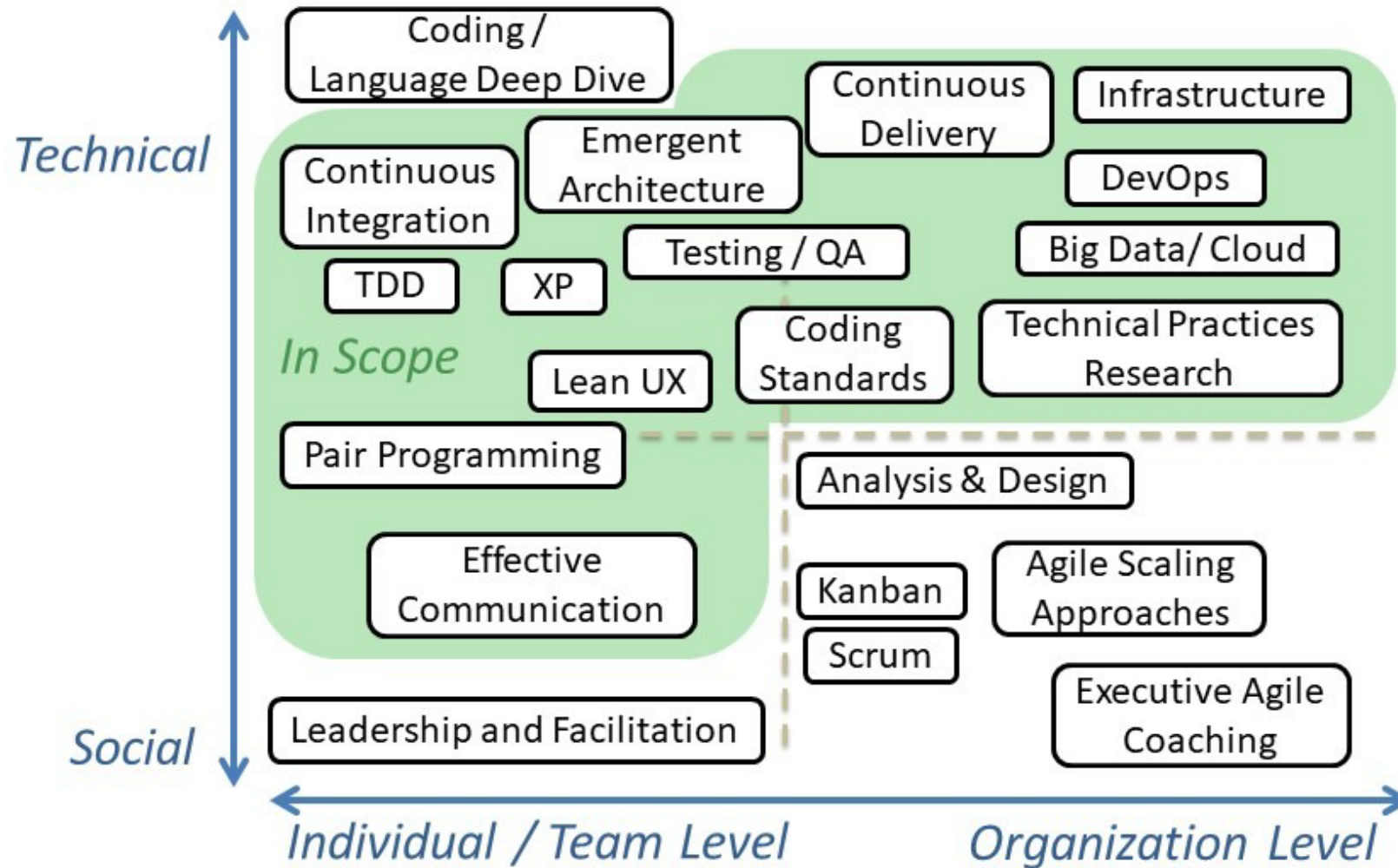
deliver:Agile 2019

The Tech-Oriented Agile Conference

APRIL 29 – MAY 1, 2019 Nashville, TN

A tech conference that focuses on
delivery, not just theory.

Scope Chart



User Stories $\geq$ 4h teilen

Telemetrie für User Stories

“validated learning”

Feature Flags statt Rollbacks

Abuser Stories

Abuser Stories

“Implement Security for User Information”

VS.

“As a malicious hacker I want to
steal credit card information so that I
can make fraudulent charges”

Mob Programming

Pair Programming mit > 2 Personen

mentales Modell des Produktes gemeinsam aufbauen

vertikale Skalierung von Teams

Evolutionary Architectures

1. System-Metriken definieren
 - “-ilities” – Scalability, Customizability, Securability, ...

Evolutionary Architectures

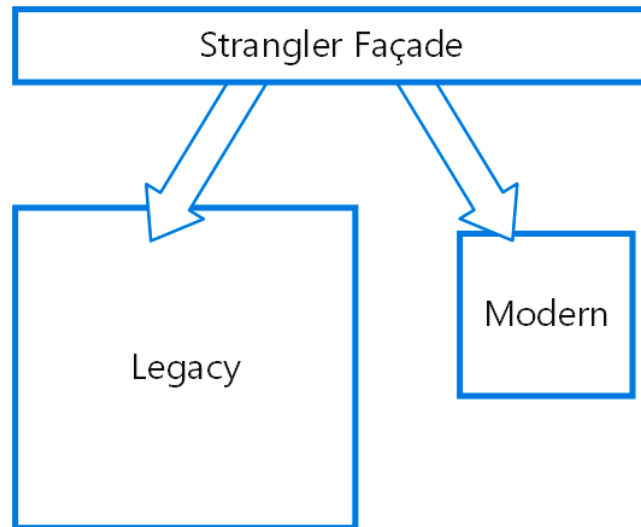
1. System-Metriken definieren
2. Fitness-Funktion definieren
 - Dauer Initial Page Load
 - 2 Knoten können ausfallen
 - keine Libraries mit bekannten Schwachstellen

Evolutionary Architectures

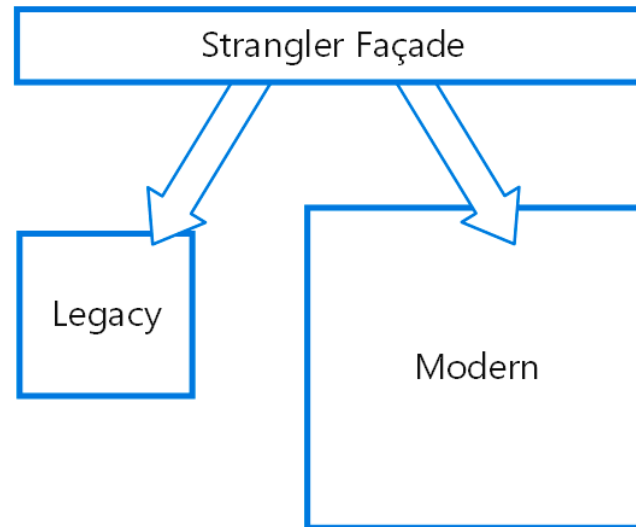
1. System-Metriken definieren
2. Fitness-Funktion definieren
3. Entscheidungen anhand der Fitness-Funktion treffen
 - Überprüfung in Build-Server einbauen

Legacy Code: Strangler Pattern

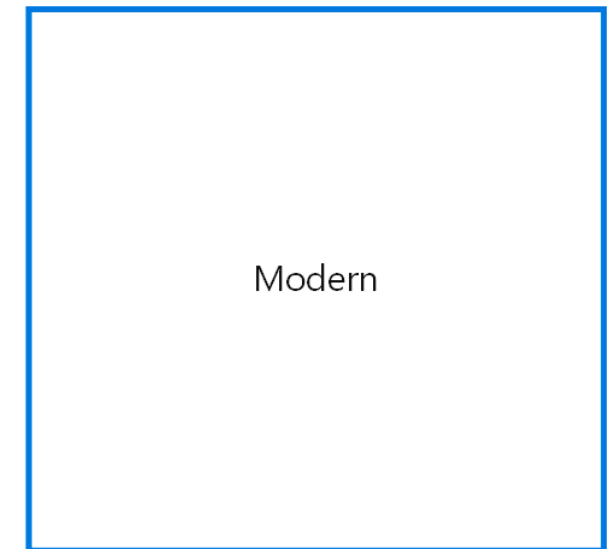
Early migration



Later migration



Migration complete





Serverless

AWS AppSync

AWS Amplify

Firebase

APIs “zusammenkleben”



Batch → Event Processing

Kerntechnologie vorhanden (Apache Kafka)

offene Probleme

- "Schema" für Events?
- Löschung von Events?
- → Best Practices etablieren sich erst

fünf bis zehn Jahre

Danke!

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