Making the elephant dance – Daily deliveries at SAP

Public

Dirk Lehmann, SAP SE (@doergn)

"Beyond Borders" Meetup
October 2015

twogo

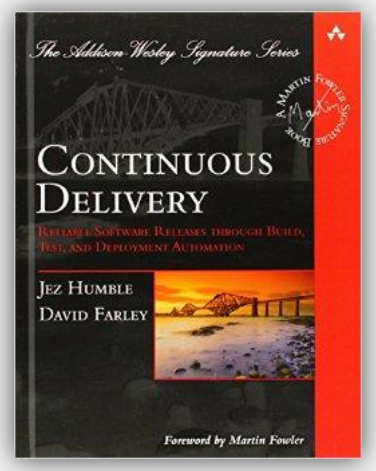
Agile Software Development

1990s

Continuous Integration

1997

2009



2010

2015

Daily - Huh?

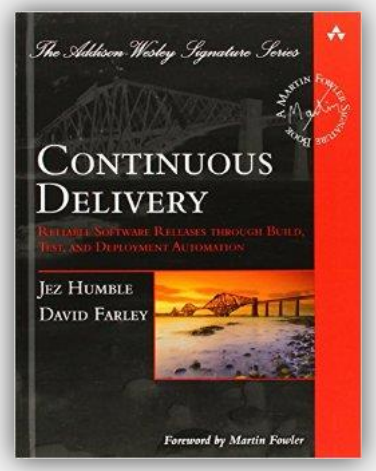
Agile Software Development

1990s

Continuous Integration

1997

2009



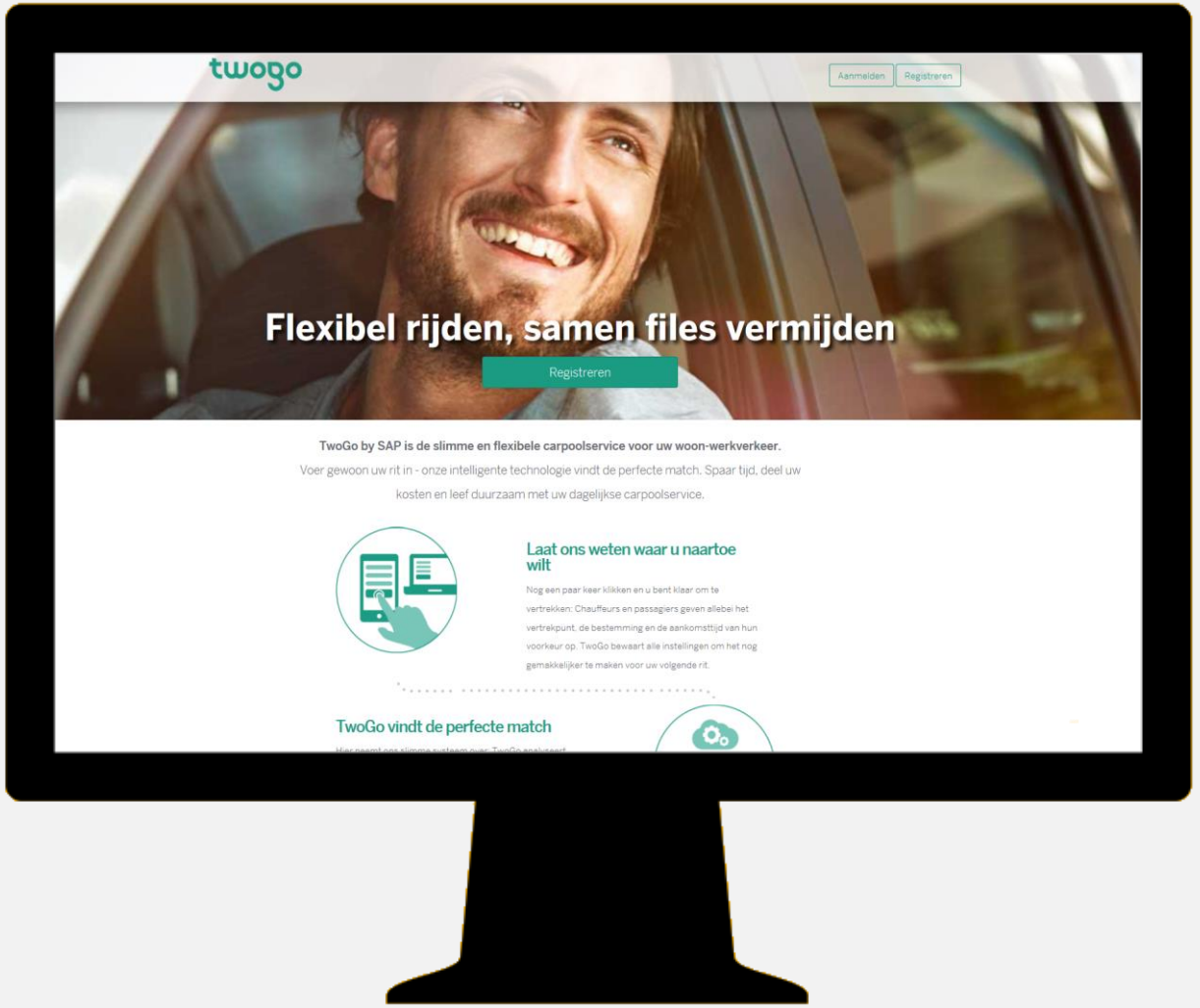
2010

SAP

2015

Daily - Huh?

- With SAP since 2001
- Keeps stuff running at https://www.twogo.com
- First product in SAP history which delivers daily
- Evangelizes DevOps and Continuous Delivery at SAP



About Me

@doergn

- Largest business software vendor in the world
  - ~74k employees
  - ~19k developers
- Our customers produce…
  - > 52% of the world's movies
  - > 86% of the world's athletic footwear
  - > 70% of the world's chocolate
  - > 72% of the world's beer

SAP – An Industry Giant

Releasing Software at SAP

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SAP Q-Gate

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SAP Q-Gate

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SAP goes Cloud

www.twogo.com

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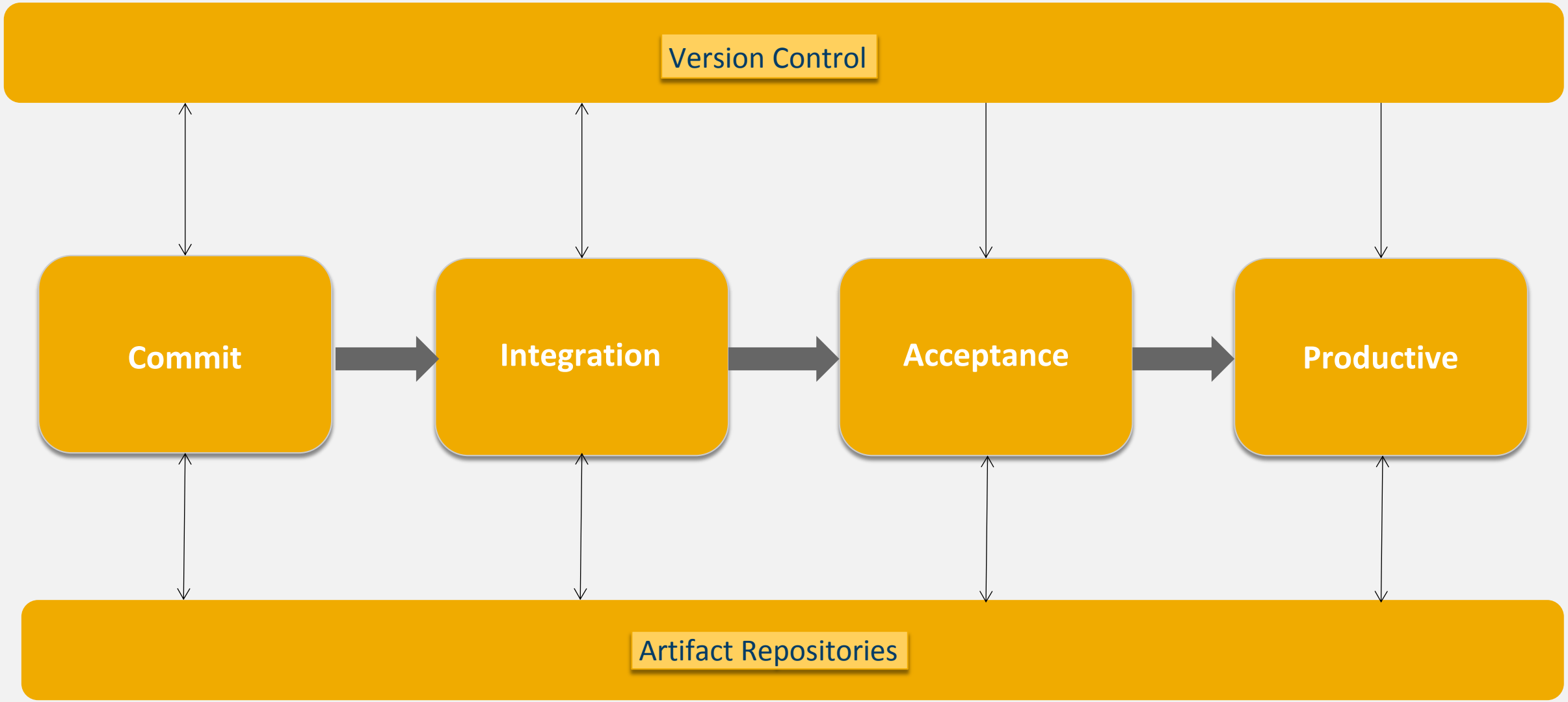
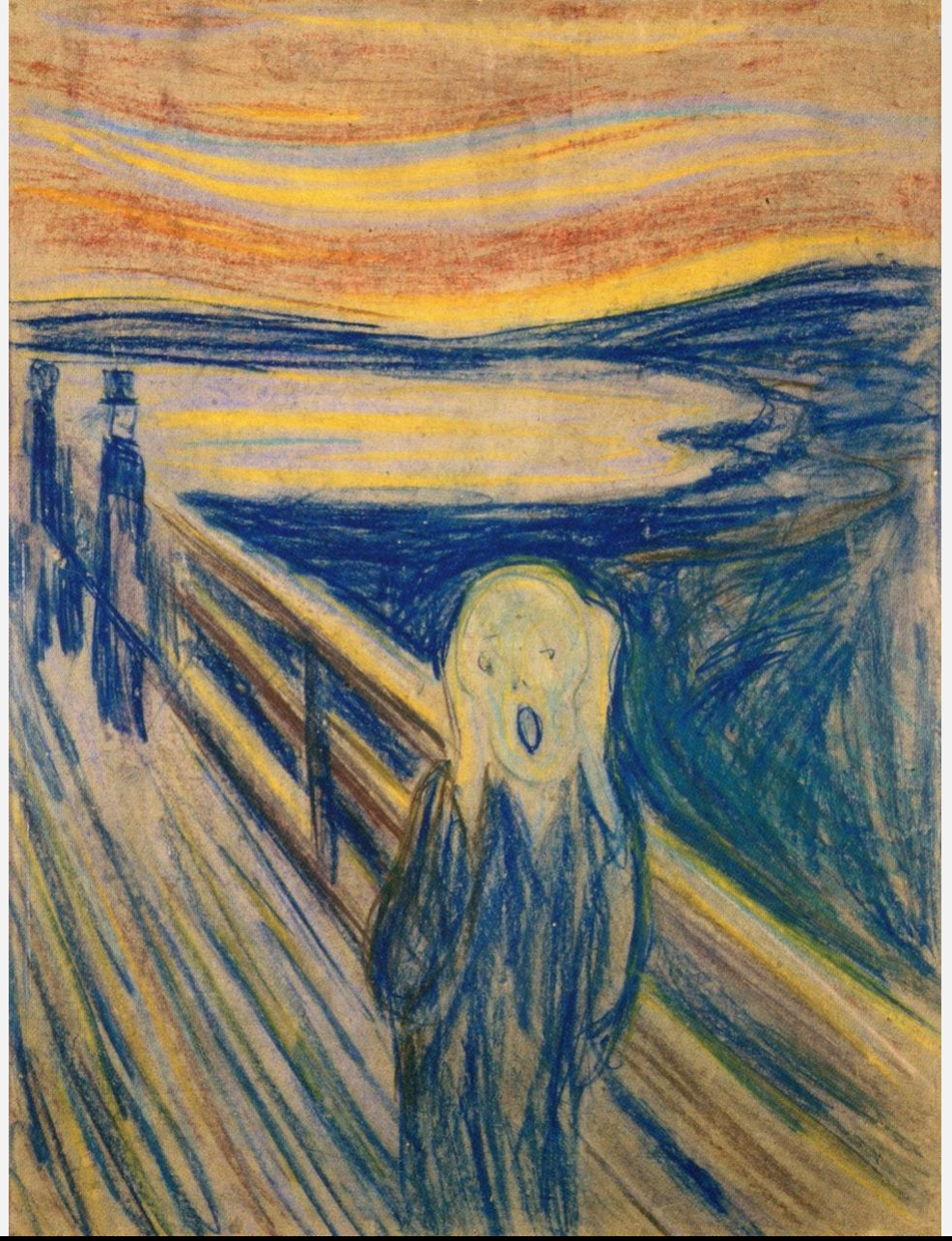


Continuous Delivery



“…and then we told them we want to release daily”

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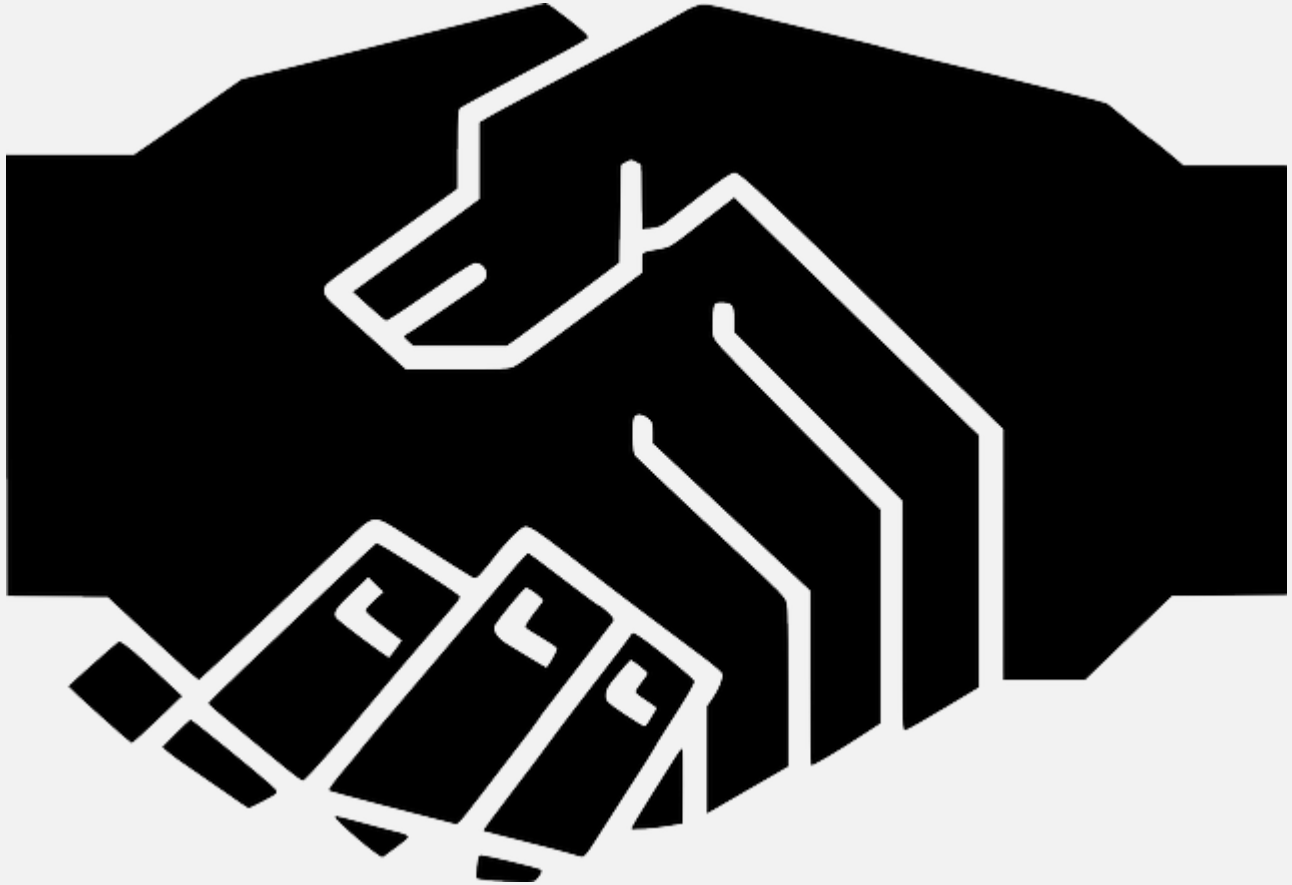
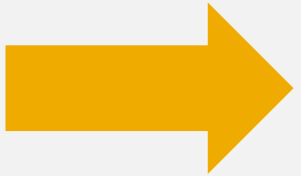
If **processes** are setup to ensure things are done the way they were always done. And **innovation** is doing something that was never done before, processes and innovations are **opponents**.



Find Allies

Know the Rules…



TwoGo v.4.24.0 - Q-gate.msg

Pilot New Release Process

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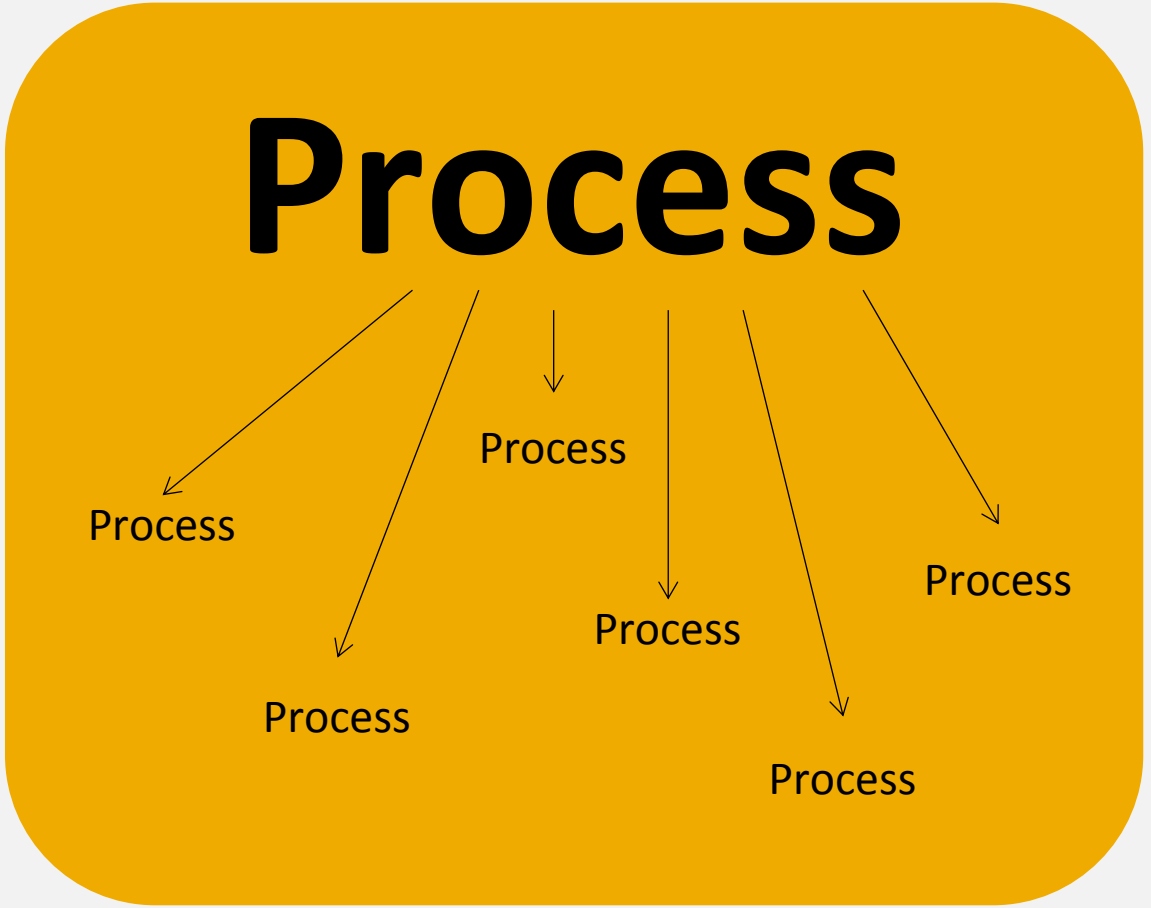

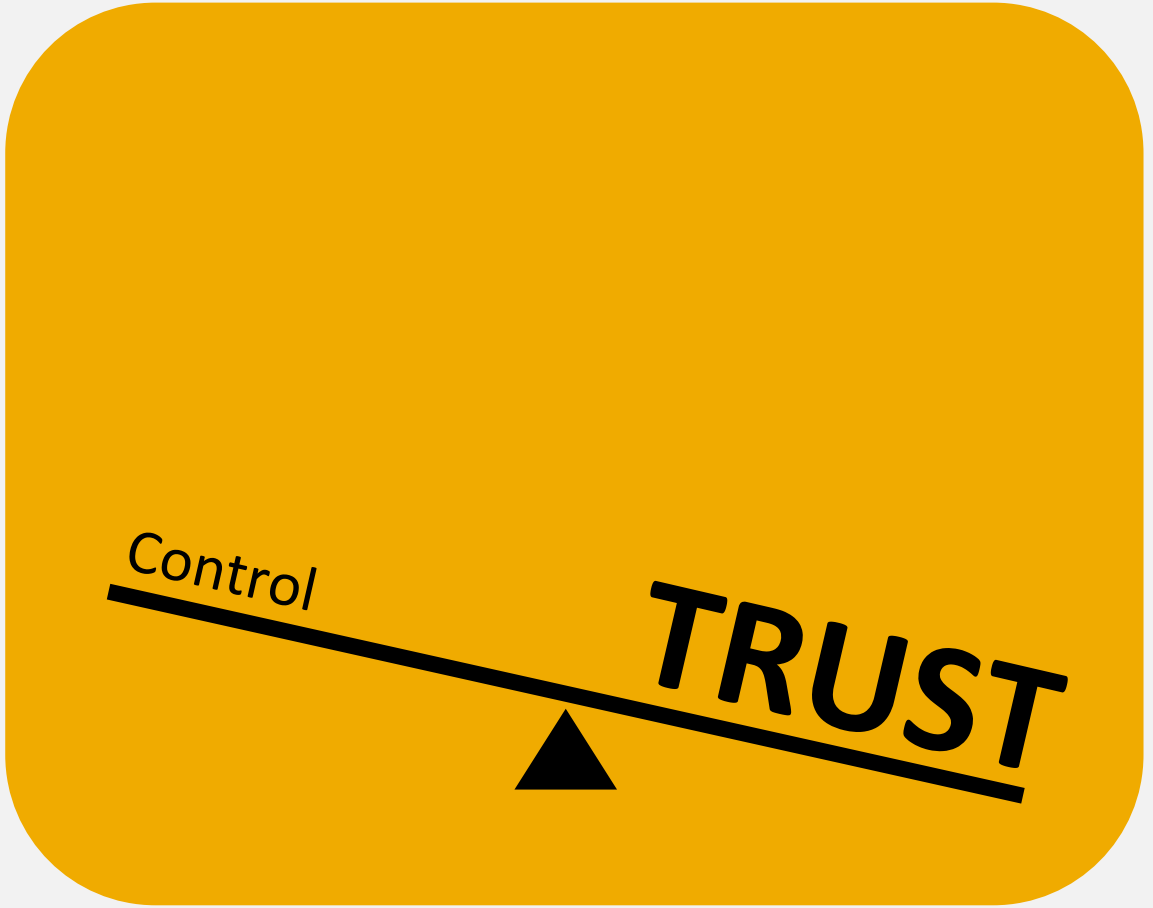

Decentralize

Trust over Control

There Is No Final Destination

English Deutsch

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February 18, 2015 | Feature Article | by Michael Roemer, Andrea Schmieden

Into the Cloud: Daily Software Updates

The team behind the carpooling solution TwoGo by SAP delivers daily product improvements to BASF and other customers.

Fast-growing cloud companies like Google, Facebook, and Netflix typically deploy new features and patches on a daily basis, sometimes even several times per day. When SAP Co-Founder Hasso Plattner declared daily software deployments as a goal for SAP as well, coding practices, testing, delivering, even team processes such as scrum, needed to be revisited and adapted to the requirements of the cloud world.

Since mid-October 2014, the TwoGo by SAP team – the first SAP team to have made the transition to daily deployments – have been delivering improvements and bug fixes on a daily basis to productive customers including BASF, Heidelberger Druckmaschinen, and TRUMPF.

It's already paid off. The team won the Juwi deal primarily because they are able to deliver one of

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TwoGo – Daily Fresh Since 2014

@doergn

Thank you

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Blog

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