

DevOps and Agile in control

A study report by NOREA

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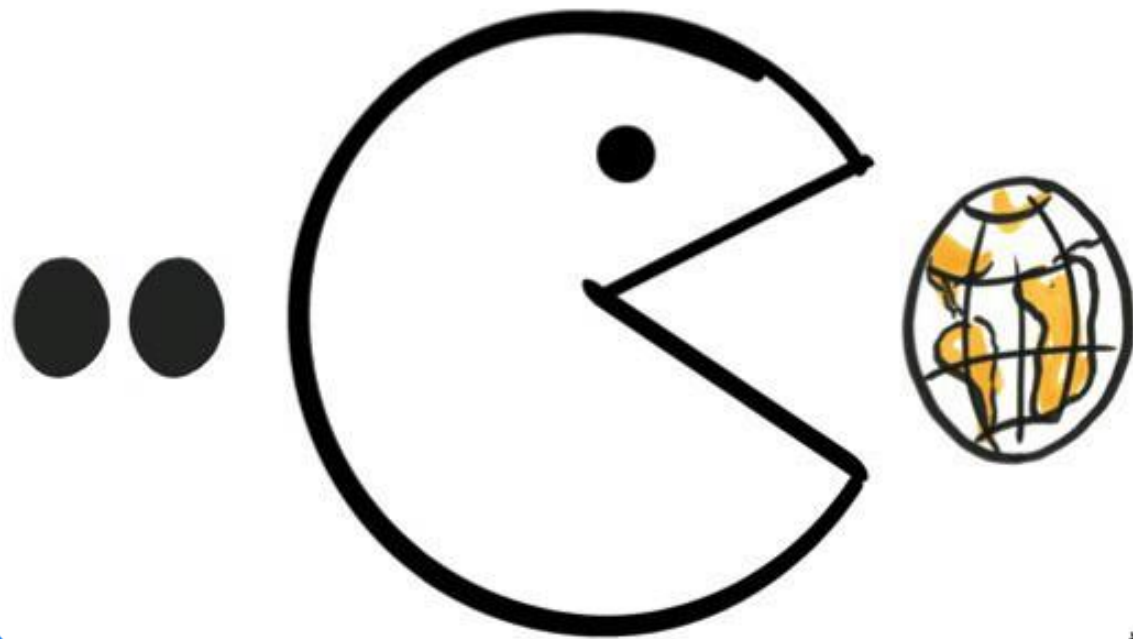
Norea werkgroep:

DevOps and Agile in control

<https://www.norea.nl/kennisgroep-software-development>



Software is eating up the world*



* Marc Andreessen
in Wall Street Journal

“Every company is a software company.

You have to start thinking and operating like a digital company. It’s no longer just about procuring one solution and deploying one.

It’s not about one simple software solution. It’s really you yourself thinking of your own future as a digital company.”

Satya Nandella, CEO Microsoft



Statistics on DevOps adaption

- In 2021, **83%** of IT decision makers reported implementing DevOps practices to unlock higher business value*
- In 2019 the size of the DevOps market exceeded \$4 billion and is projected to grow at a CAGR of **over 20%** between 2020 and 2026*

* Global Market Insights research

We live in a “VUCA world”*

VUCA



volatility



uncertainty

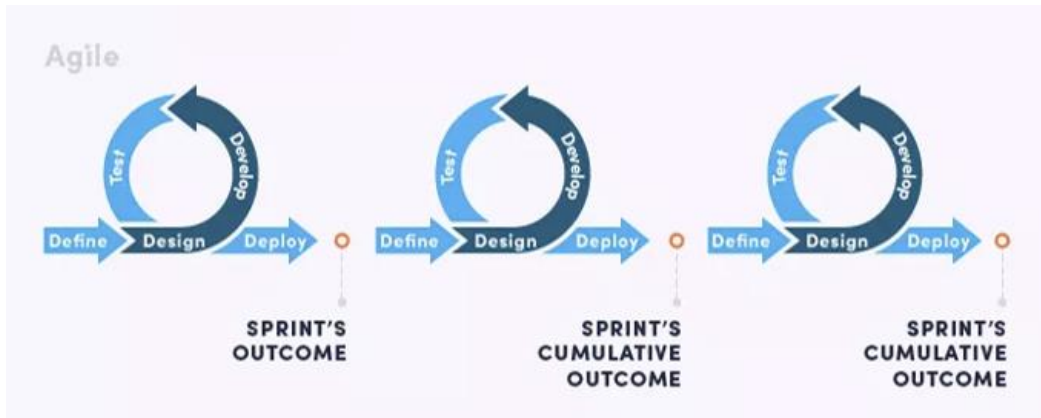


complexity



ambiguity

How we (still) audit



- Waterfall is sequential, slow(er) and process and documentation oriented
- This makes it easier to audit
- No / Less focus on people and technology
- Agile is iterative & fast, with a focus on people and technology
- **Multiple deployments per day**
- Therefore, it requires a code & people driven audit approach
- However, the deployment pipeline is sequential and therefore very suitable for the auditor

Where can you start today?



Food for thought

Unconventional environment + Conventional framework = ??

Inspired by Joshua Corman (Carnegie Mellon University)