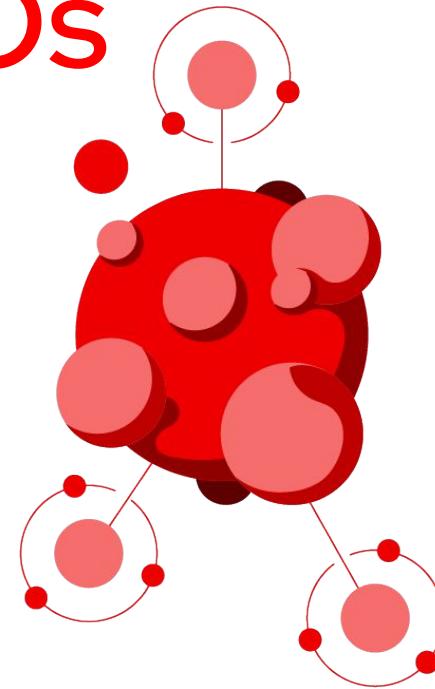




openTour

Connecting people and solutions
to accelerate your business

Wie Software Entwickler die zweitbesten Freunde von CISOs und CDOs werden können

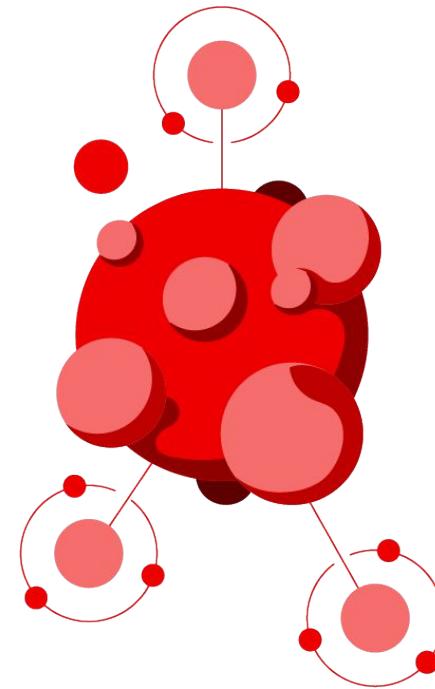


Agenda

- Warum reden wir (gerade) heute über dieses Thema?
- Wie könnte eine Vision für Software-Entwicklung lauten?
- Inwiefern interessiert das CxO?
- Was braucht es dafür?
- Wie haben das Organisationen in Österreich umgesetzt?
- Welchen Beitrag kann Red Hat & Eco-System leisten?

Optional section marker or title

Warum reden wir (gerade) heute über dieses Thema?

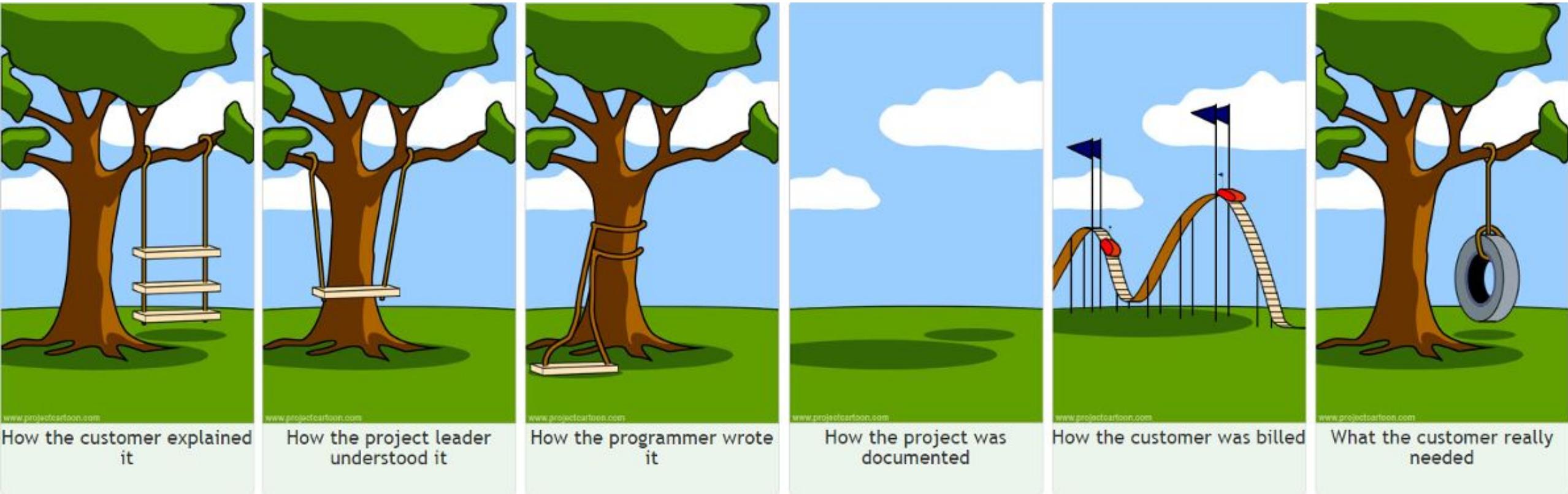


Software wird immer wichtiger!



Wie erstellen, betreiben und nutzen wir Software?

Wenn Software sprechen könnte,
was würde sie uns sagen?



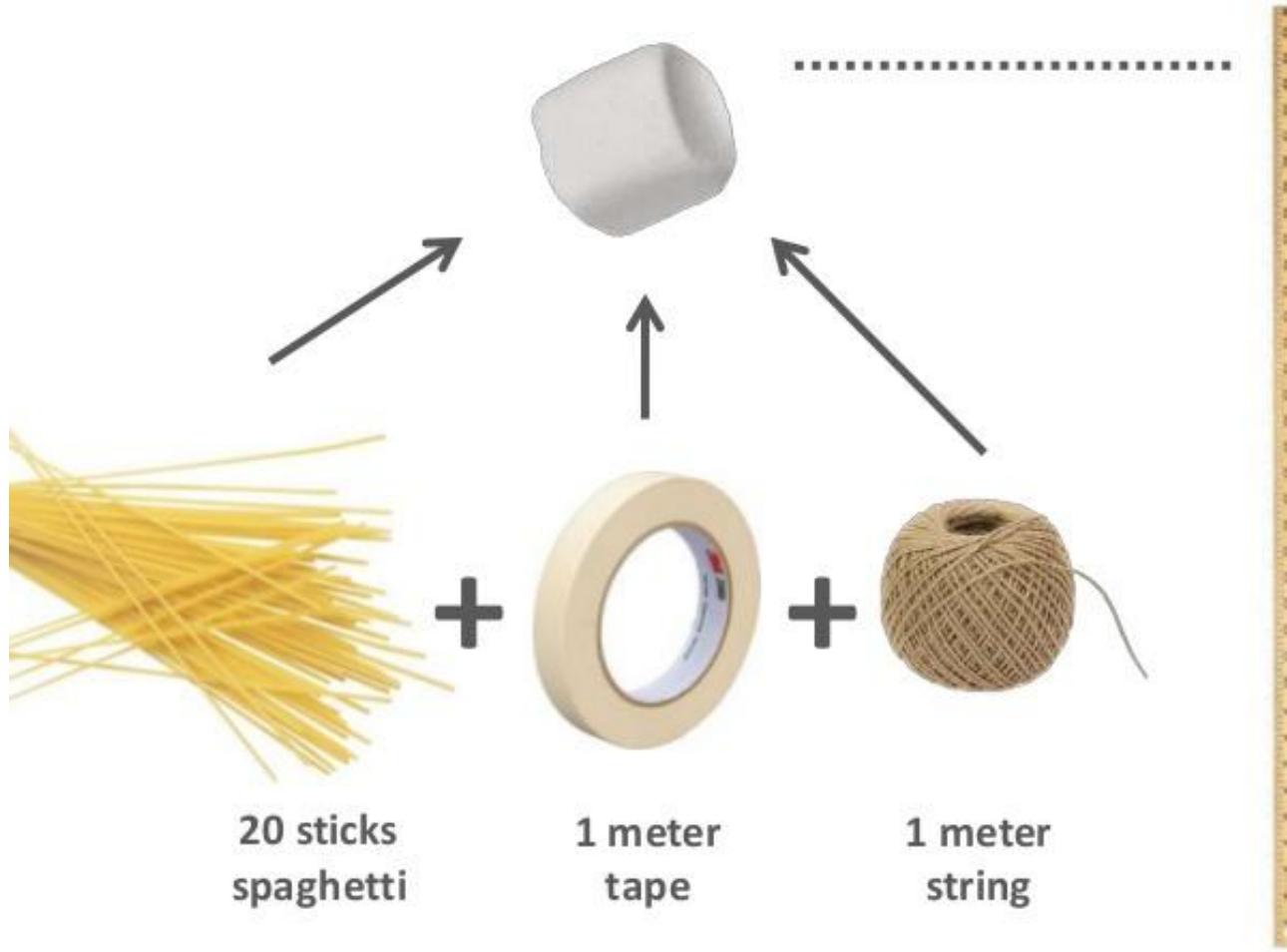








The Marshmallow Challenge @ Tom Wujec



TED Talk: "[Build a tower, build a team](#)"

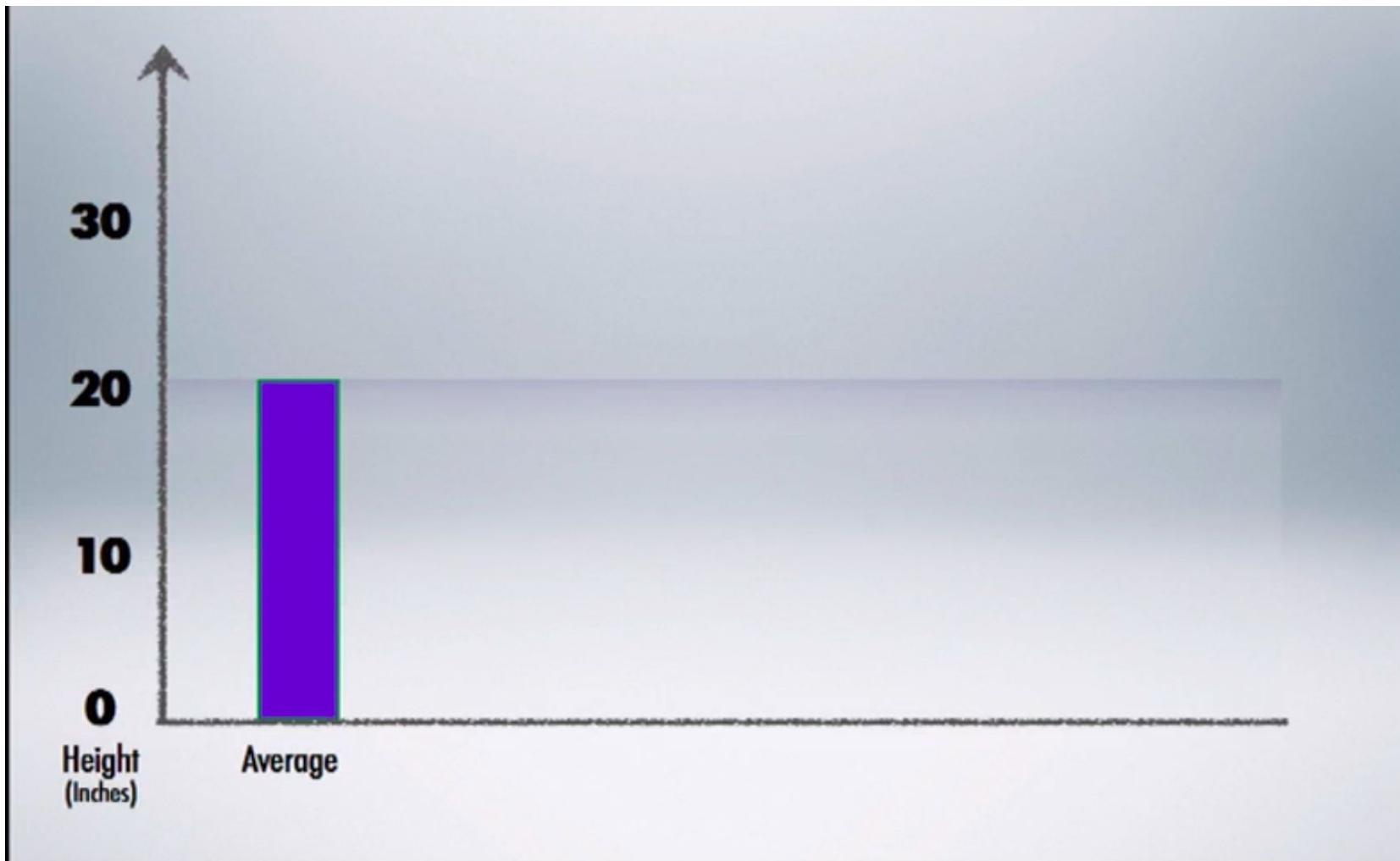
The Marshmallow Challenge - Die Zeit läuft...



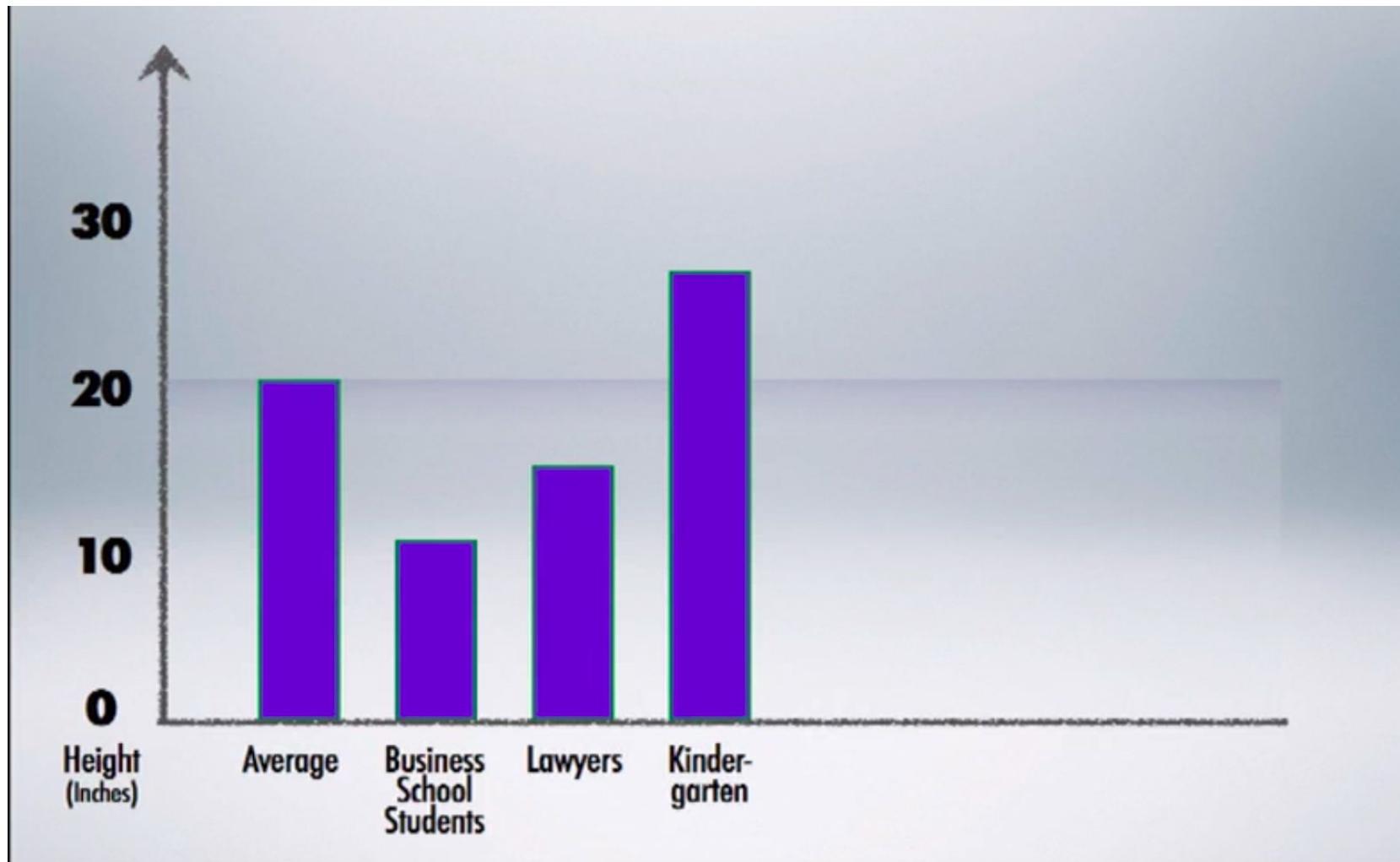
The Marshmallow Challenge - Kreative Bauwerke



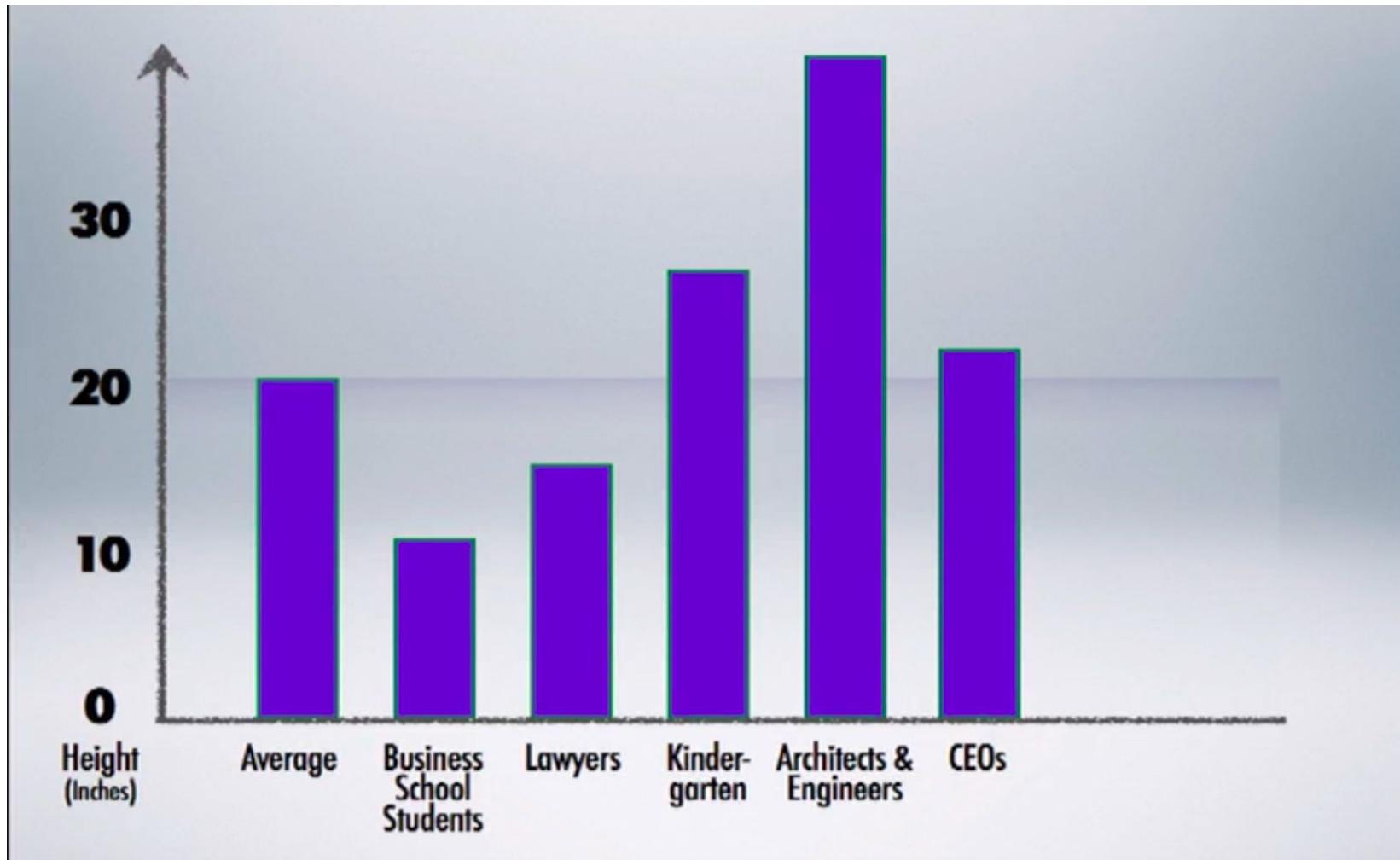
The Marshmallow Challenge - Das Ergebnis



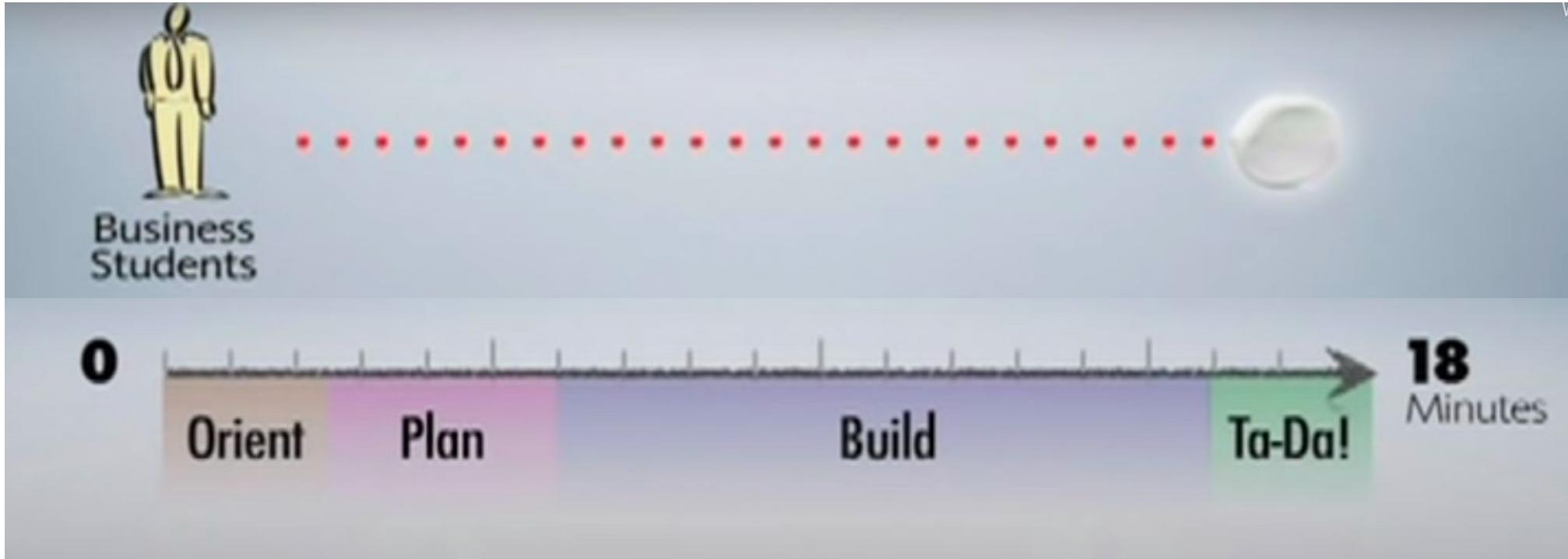
The Marshmallow Challenge - Das Ergebnis



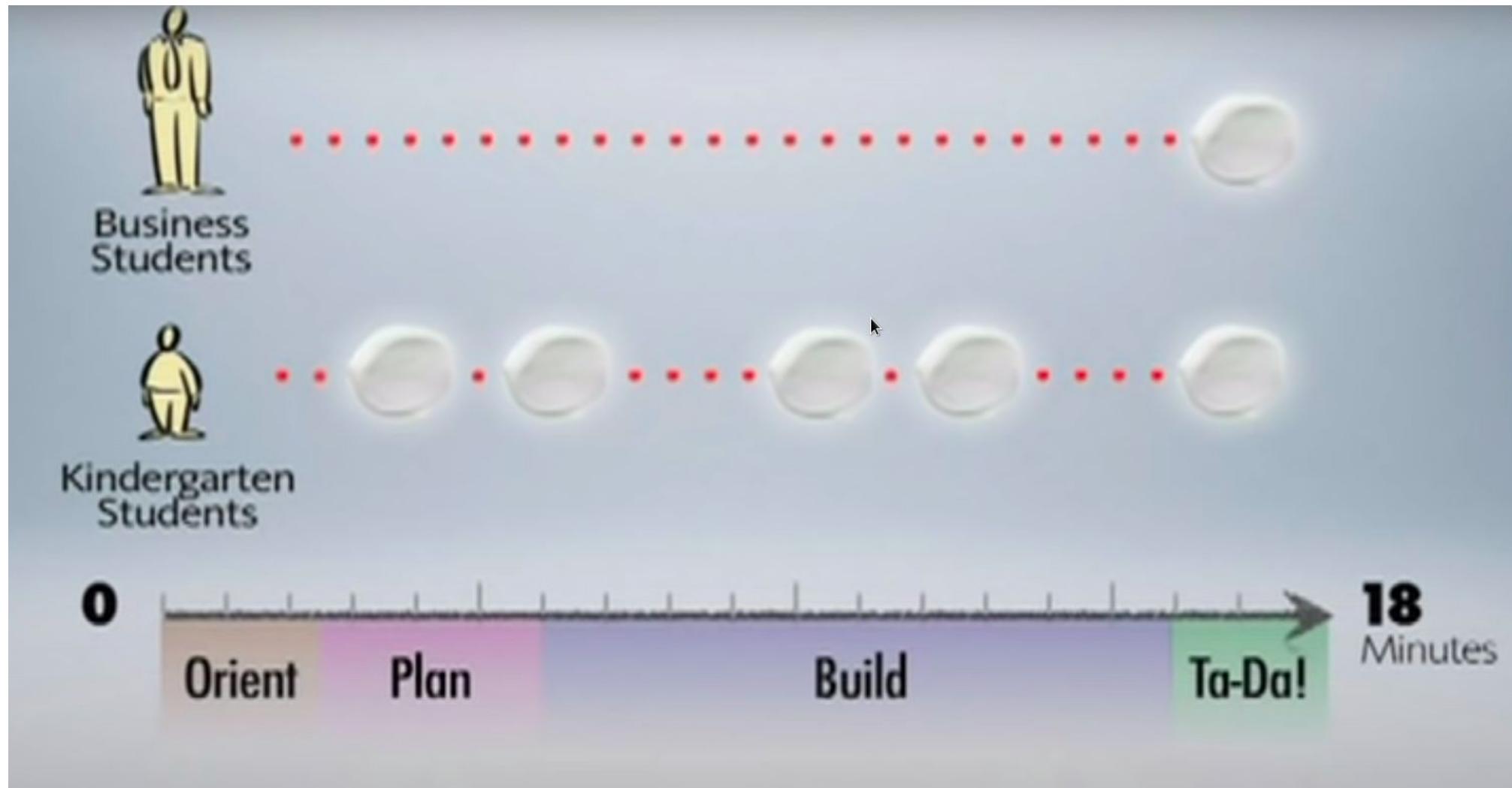
The Marshmallow Challenge - Das Ergebnis



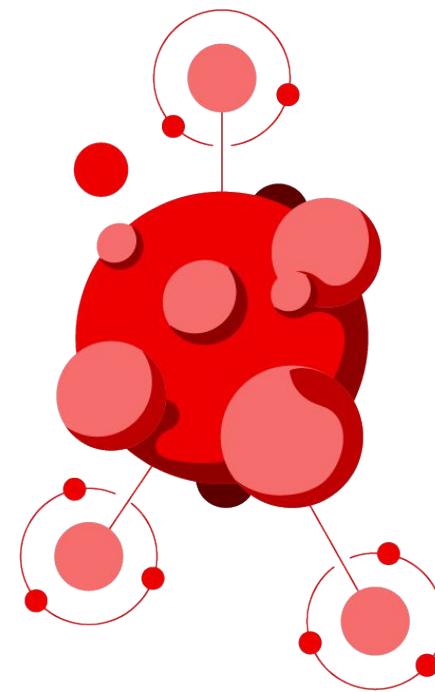
Unterschiedliche Herangehensweisen...



... führen zu unterschiedlich guten Ergebnissen



Wie könnte eine Vision für Software-Entwicklung lauten?



Wir wollen Software **öfter** und **sicherer** deployen, um die **Nutzer** der Software **zufriedener** zu stellen und **schneller** auf Sicherheits-Probleme zu reagieren.

Continuous Delivery is a set of practices in which code changes are automatically deployed into an acceptance environment (or in the case of **continuous deployment** into production).

Quelle: <https://github.com/cncf/glossary/blob/main/cloudnative-glossary.pdf>



Continuous Delivery ist nur
etwas für Internet - Start-ups!

Continuous Delivery is a set of practices in which code changes are automatically deployed into an acceptance environment (or in the case of **continuous deployment** into production). CD crucially includes procedures to ensure that software is **adequately tested** before deployment and provides a way to **rollback** changes if deemed necessary

Quelle: <https://github.com/cncf/glossary/blob/main/cloudnative-glossary.pdf>

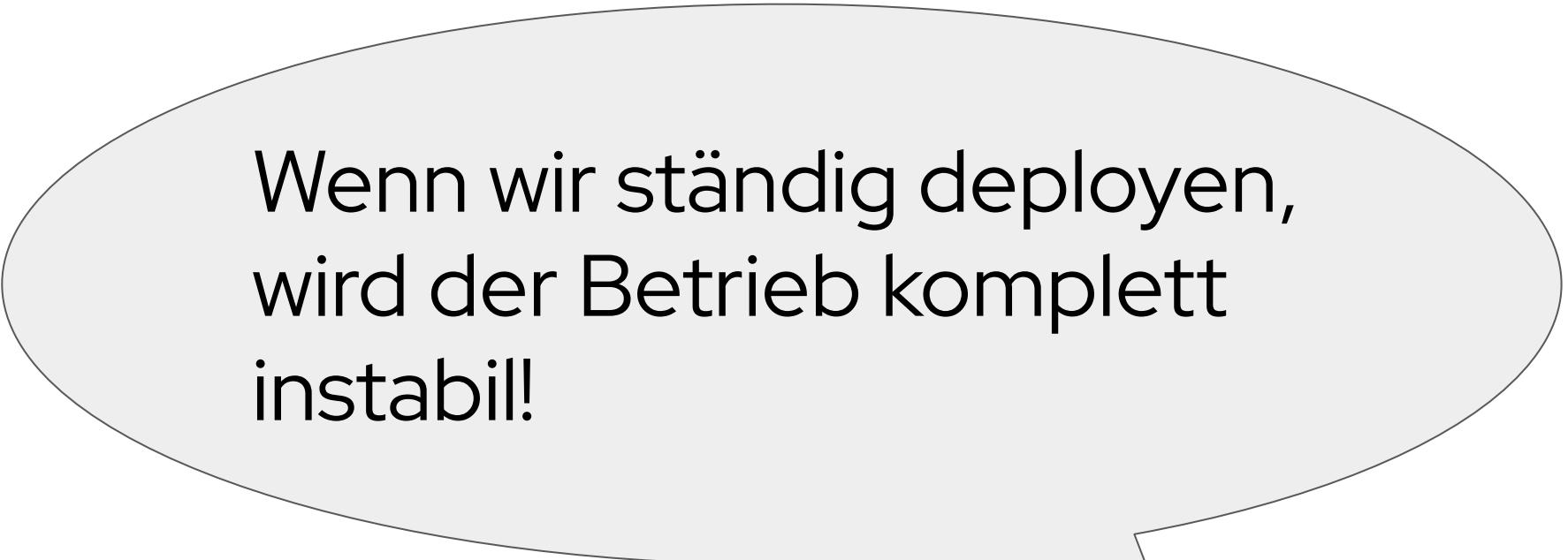
Time-to-Market ist nur ein Aspekt
von Continuous Delivery...

Bei Sicherheitslücken ist die Zeit nicht Dein Freund...



Fehlersuche in “altem Code” hat den Spassfaktor einer Wurzelbehandlung...





Wenn wir ständig deployen,
wird der Betrieb komplett
instabil!

[..] organizations that claim to be discouraging risk are actually following practices that increase risk, and **many of their existing practices around risk management, of infrequent deployments are simply risk management theater...**

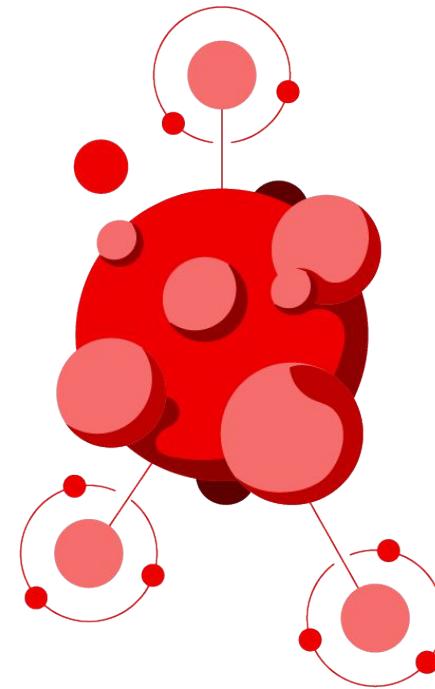
Quelle: DevOps Report 2021

Repeatedly, the data has shown that the **use of continuous delivery practices predicts higher IT performance** [...], **higher levels of throughput and stability**. In 2021, there's virtually no rational argument for not adopting continuous delivery practices.

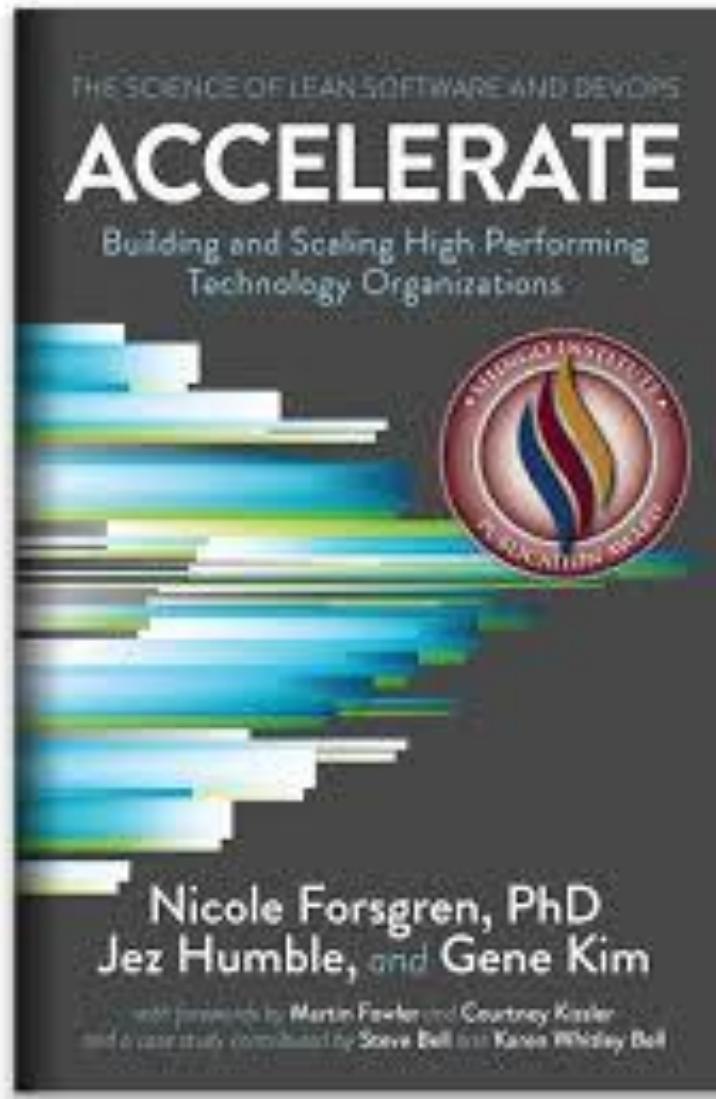
Quelle: DevOps Report 2021

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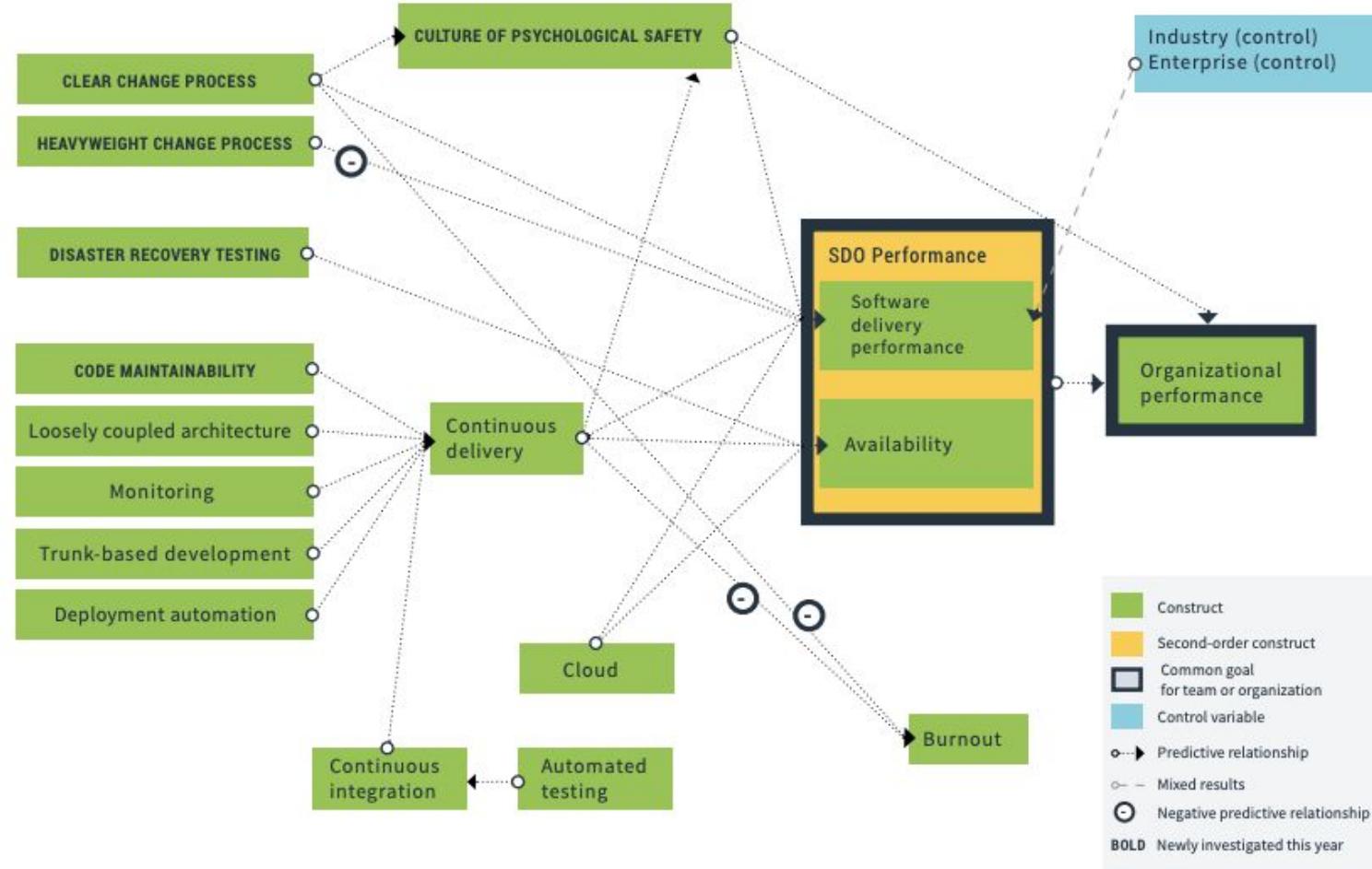
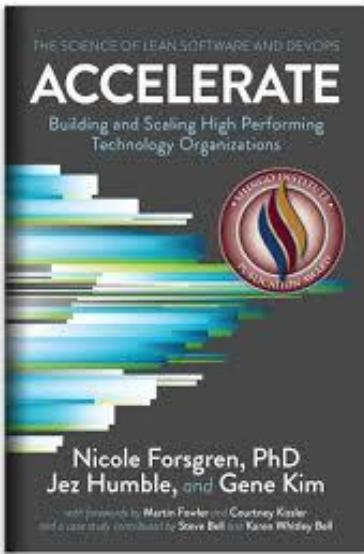
Inwiefern interessiert das CxO?



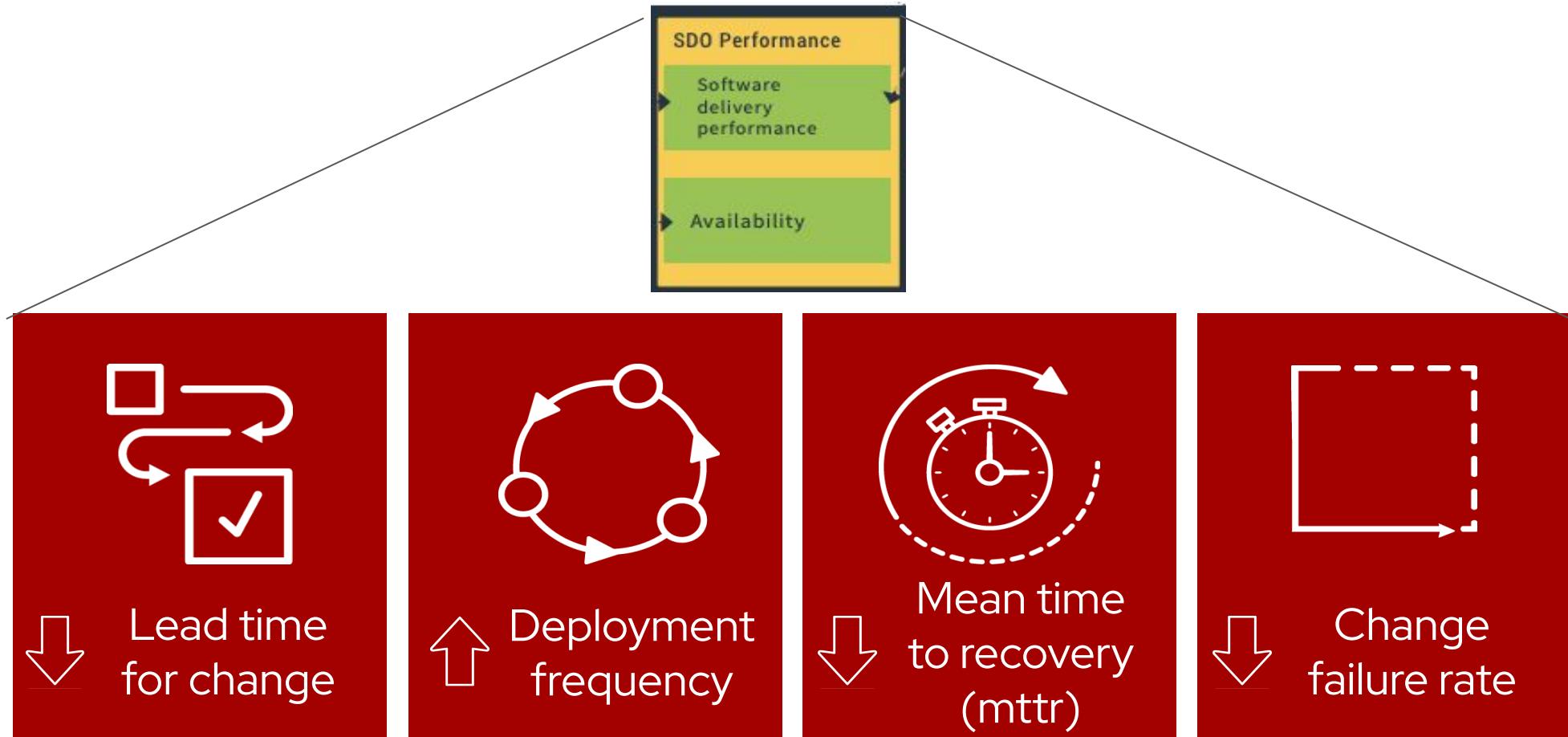
Eine statistische Erhebung von Korrelationen



Einfluss- und Ergebnisfaktoren von Software Delivery & Operational Performance (SDO)

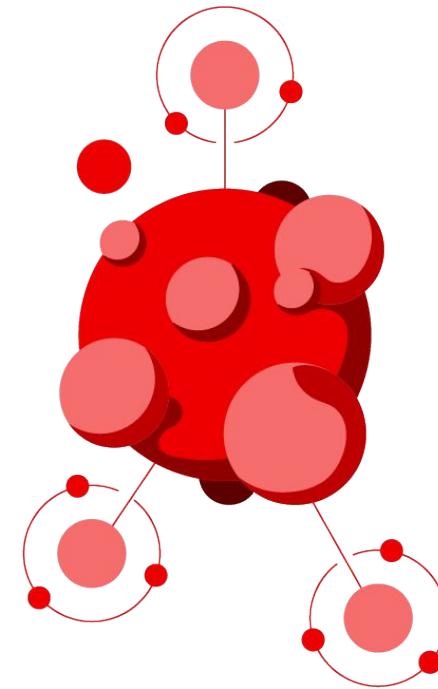


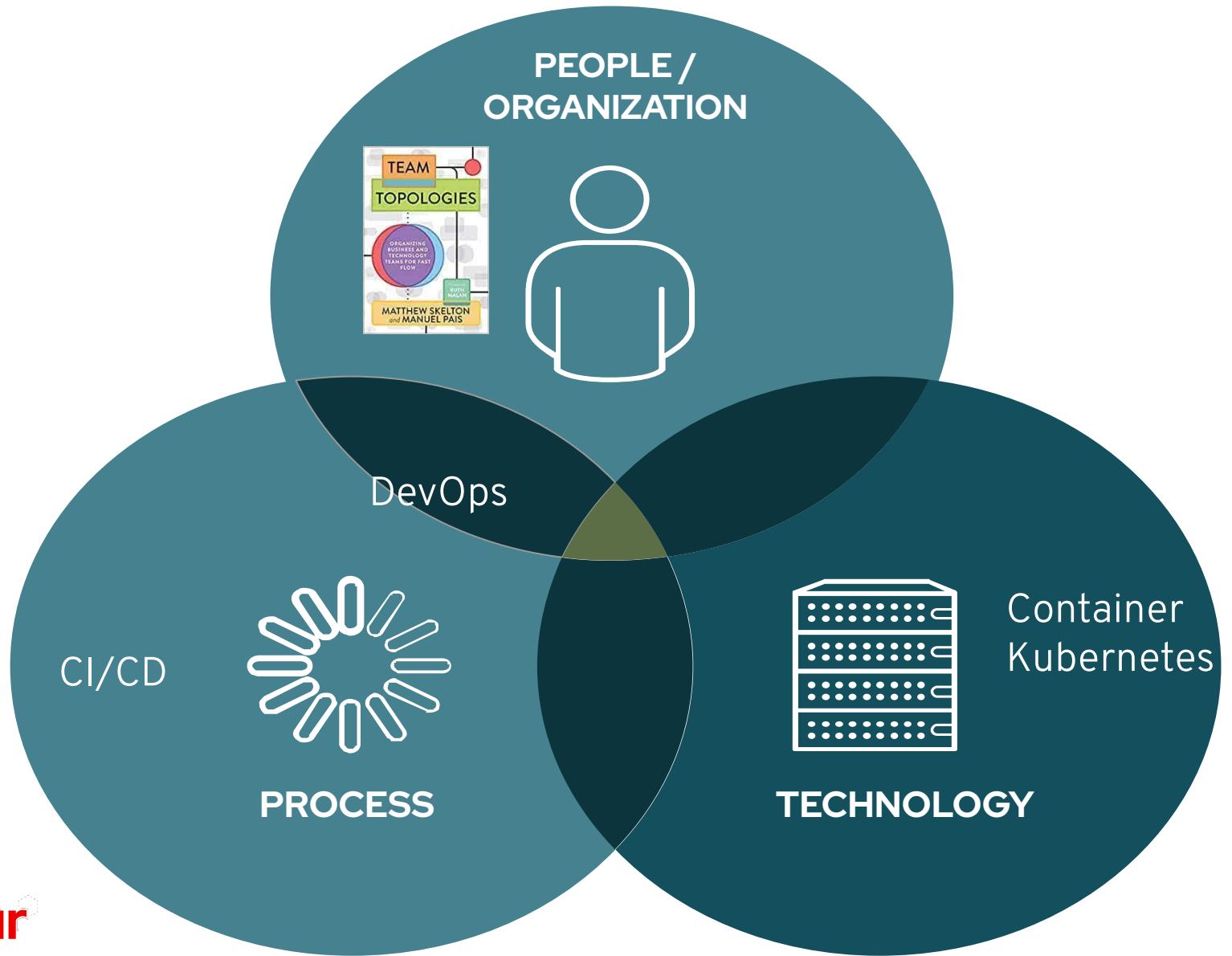
Metriken von Software Delivery & Operational Performance

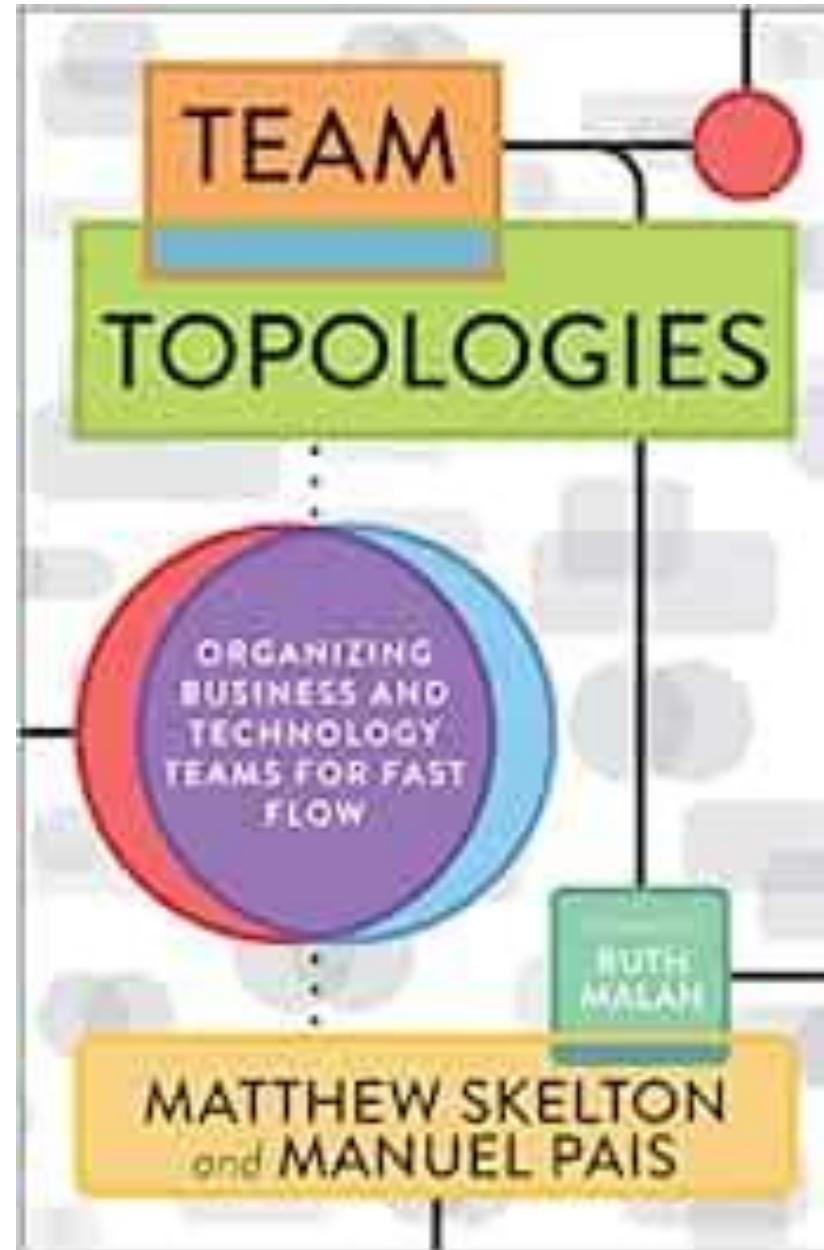


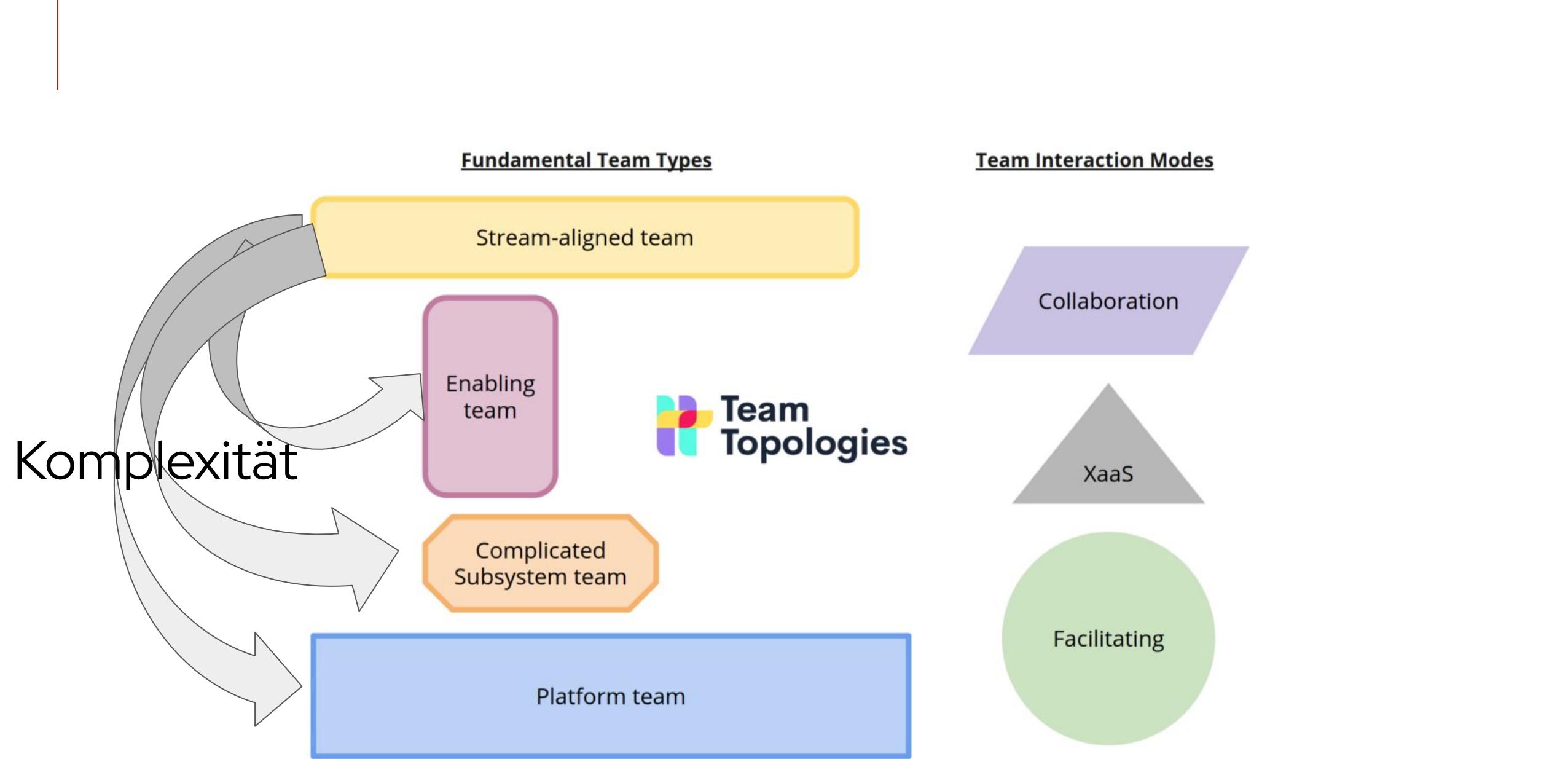
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Was braucht es dafür?

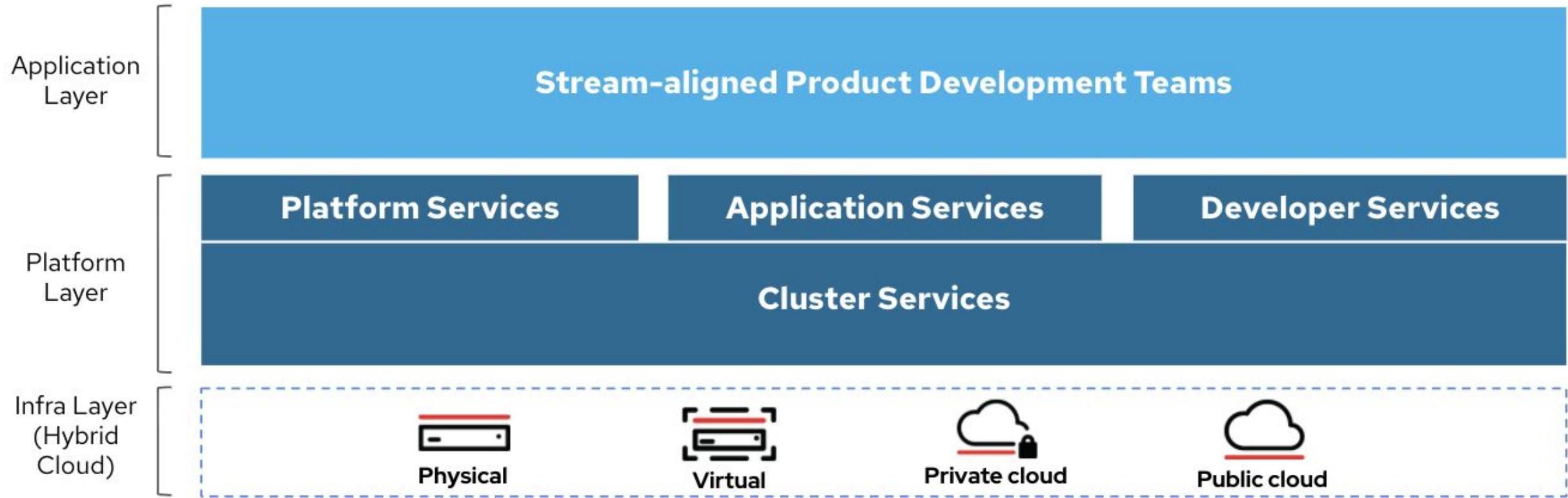






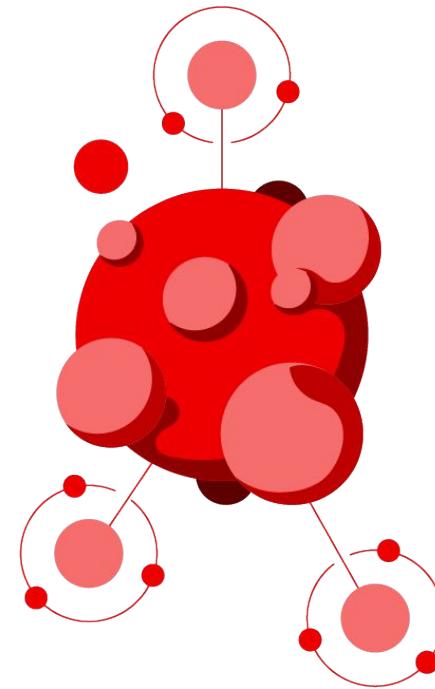


Mapping von Organisations - und IT-Architektur

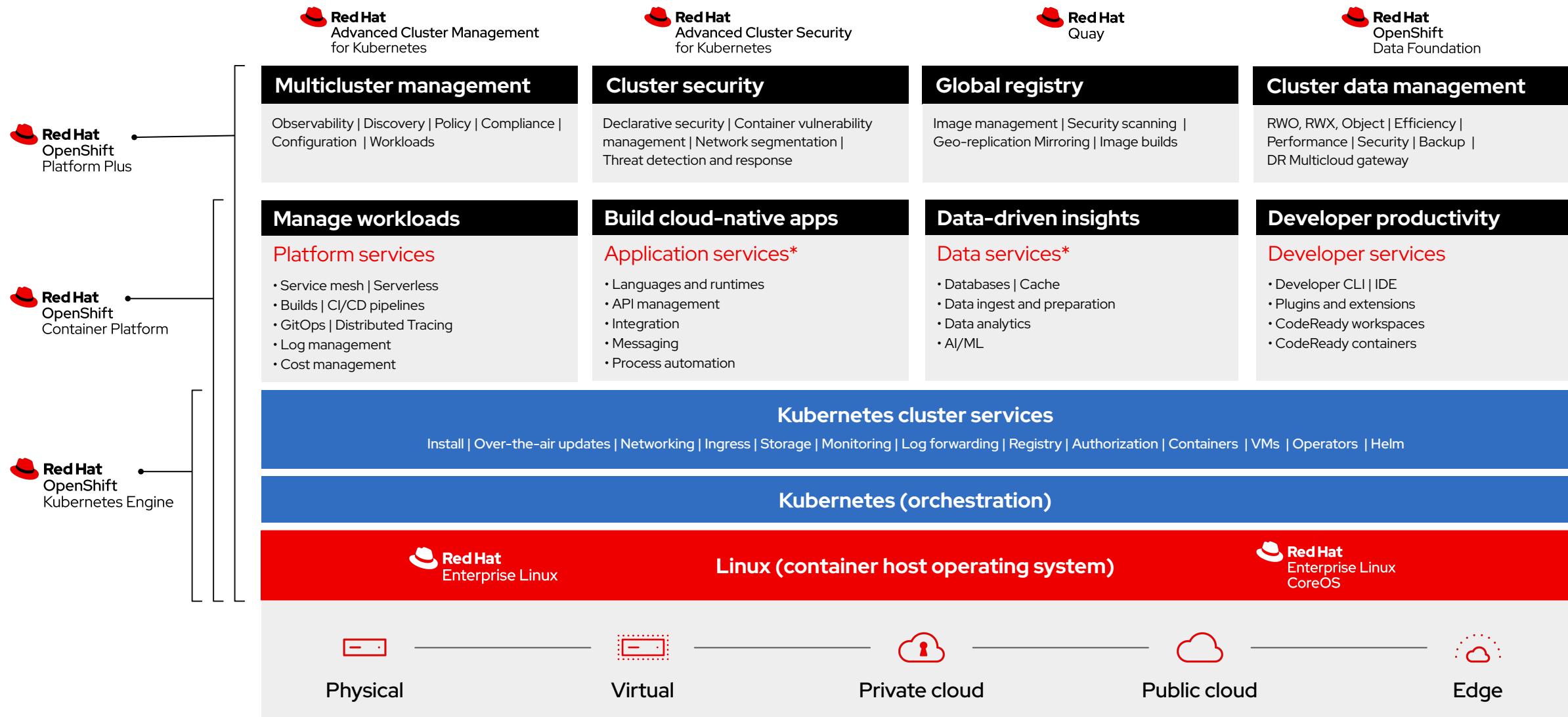


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Welchen Beitrag kann Red Hat & Eco-System leisten?



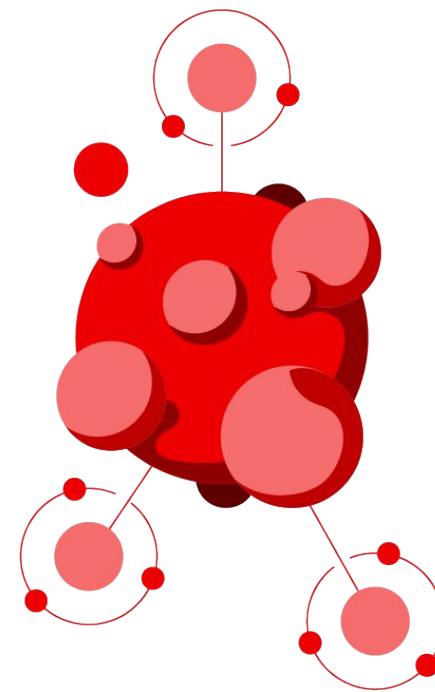
Red Hat Open Hybrid Cloud Platform - for Innovation and Security



* Red Hat OpenShift® includes supported runtimes for popular languages/frameworks/databases. Additional capabilities listed are from the Red Hat Application Services and Red Hat Data Services portfolios.

** Disaster recovery, volume and multicloud encryption, key management service, and support for multiple clusters and off-cluster workloads requires OpenShift Data Foundation Advanced

Bleiben Sie gespannt...



Vielen Dank für die
Aufmerksamkeit!

