



# People & Products

Lessons learned from the daily IT madness

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HIRING!**  
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Continuously fail..  
by applying best practices!

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*Based on true stories...*





# Agile Product Development (e.g. Scrum)

# Scrum

## Reality Check

- ★ ~~Product owner defines well-defined user stories~~ *Bad specification.*
- ★ ~~Regularly backlog refinements~~ *No refinements at all.*
- ★ ~~Everyone knows the current progress~~ *Staled tickets. No estimates.*
- ★ ~~Clear communication paths~~ *Multiple roles on the same person.*
- ★ ~~Software development is so much faster~~ *Meeting madness.*
- ★ ~~Everybody is happy~~ *No retros -> no improvements.*





[agilemanifesto.org](https://agilemanifesto.org)

# Scrum

Agile Manifesto ([agilemanifesto.org](http://agilemanifesto.org))

- ❑ **Individuals and interactions** over processes and tools
- ❑ **Working software** over comprehensive documentation
- ❑ **Customer collaboration** over contract negotiation
- ❑ **Responding to change** over following a plan





A photograph of two kangaroos in a natural setting, standing on their hind legs and facing each other with their forelimbs raised in a boxing-like posture. The kangaroos are brown with lighter underbellies. The background is a blurred field of green and yellow plants with some tree trunks. A dark blue semi-transparent banner is at the bottom.

# DevOps

# DevOps

## Reality Check

- ★ ~~DevOps everywhere~~ *Some like 9to5.*
- ★ ~~Everybody lives the spirit~~ *"I don't want to do ops"*
- ★ ~~Actually manage infrastructure~~ *Insufficient access rights/trust.*
- ★ ~~Getting things done (faster)~~ *Tools/Know-how missing.*
- ★ ~~Ops people aren't needed anymore!~~ *Who builds the tools? Who is on-call?*
- ★ ~~Everybody is happy~~ *Nope.*

**COMPLEX COMPLEX COMPLEX  
COMPLEX COMPLEX COMPLEX  
COMPLEX COMPLEX COMPLEX  
COMPLEX COMPLEX COMPLEX**

A word cloud consisting of the word "COMPLEX" repeated multiple times. The words are arranged in a dense, overlapping pattern, with some words appearing in larger, bolder fonts and others in smaller, lighter fonts. The words are oriented in various directions, including horizontally, vertically, and diagonally, creating a dynamic and abstract visual effect.

**COMPLEX**

[illegible]

The image is a black and white graphic featuring the word "COMPLEX" as its sole subject. The word is repeated dozens of times, scattered across the entire frame. Each instance of the word varies in size, from small and barely legible to large and bold. The orientation of the words also changes; some are horizontal, while others are rotated vertically or at diagonal angles. The font used is a clean, sans-serif typeface. The overall effect is one of chaotic repetition, where the individual words blend together to form a larger, more intricate pattern. The background is plain white, which makes the dark, bold letters stand out prominently.





# Docker & Kubernetes

# Docker & Kubernetes

## Reality Check

- ★ ~~Perfect workload~~ *Cloud-native? A monolith in a container..*
- ★ ~~Scale indefinitely~~ *Not capable of HA.*
- ★ ~~Easy deployment~~ *Container as VM replacement.*
- ★ ~~Downtime-free~~ *No HA, no rolling update!*
- ★ ~~Easy rollbacks~~ *What about state?*
- ★ ~~Ops people aren't needed anymore!~~ *Who runs K8s? "I hate YAML"*
- ★ ~~Everybody is happy~~ *Docker & K8s changes a lot..*







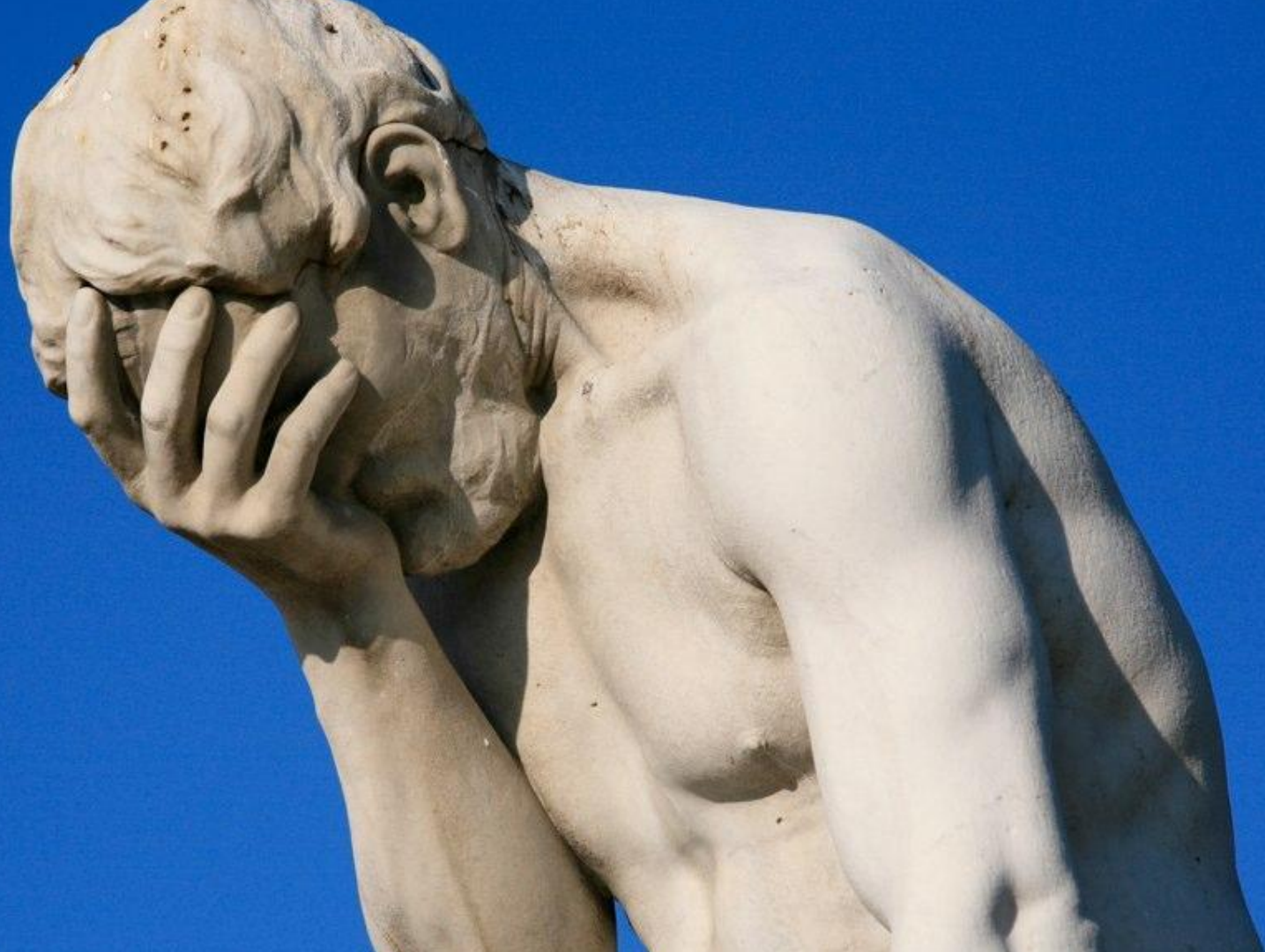
# Continuous Integration & Delivery

# Continuous Integration & Delivery

## Reality Check

- ★ ~~Transparency~~ *Silo-thinking. Bad Git/CI integration.*
- ★ ~~Easier build failure troubleshooting~~ *Long-running jobs. Flapping tests.*
- ★ ~~Fast development~~ *Local environment != CI environment*
- ★ ~~Automated build/test/release/deploy~~ *Databases? External APIs?*
- ★ ~~Rapid releases~~ *MGMT says no. Environments level over 9000?*
- ★ ~~More code reviews~~ *Distributed team? Bad capacity planning?*
- ★ ~~Parallelization~~ *"Can I have JDK version x?" - CI still not containrized.*





# Conclusions

- ❑ **Individuals and interactions** over processes and tools!
- ❑ Ask which problem should be solved!
- ❑ Keep it simple stupid!
- ❑ Do it incremental!
- ❑ Accept failures! (early, often, fast)

If you want to increase your success rate,  
double your failure rate.

Thomas J. Watson





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# DevOps

Why does it matter?

- Devs are the better Ops!
- Automation everywhere! (APIs)
- Emancipation!
- It saves money! 😊
- Everybody does! 😊

# Docker & Kubernetes

Why does it matter?

- Lightweight!
- Faster!
- Google made it!
- Docker/Kubernetes is made from our people!
- Self-managed build and runtime!
- Easier to scale!
- API for everything, it's PaaS!
- It saves money! 😊
- Everybody does! 😊

# Scrum

Why does it matter?

- Transparency!
- Short development cycles!
- More accurate estimates!
- Emancipation!
- It saves money! 😊
- Everybody does! 😊