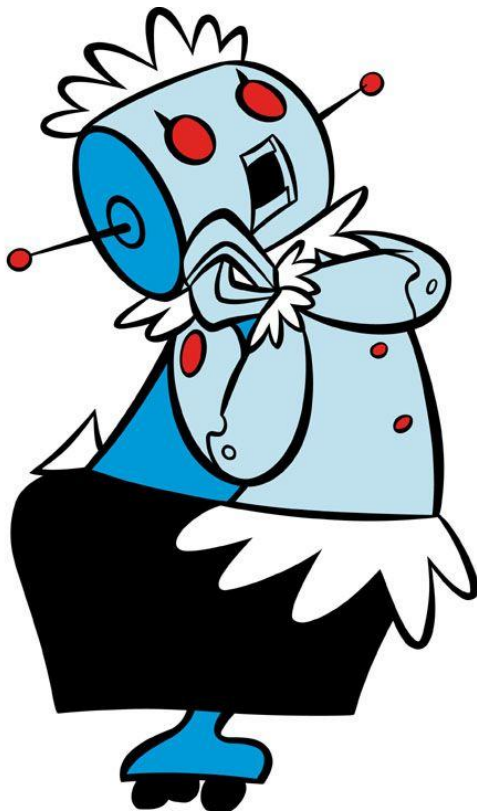


# What Can a Chemistry Robot Learn from DevOps?

Tom Hirst-Dunton, LabMinds



# A Chemistry Robot?



# A Chemistry Robot?



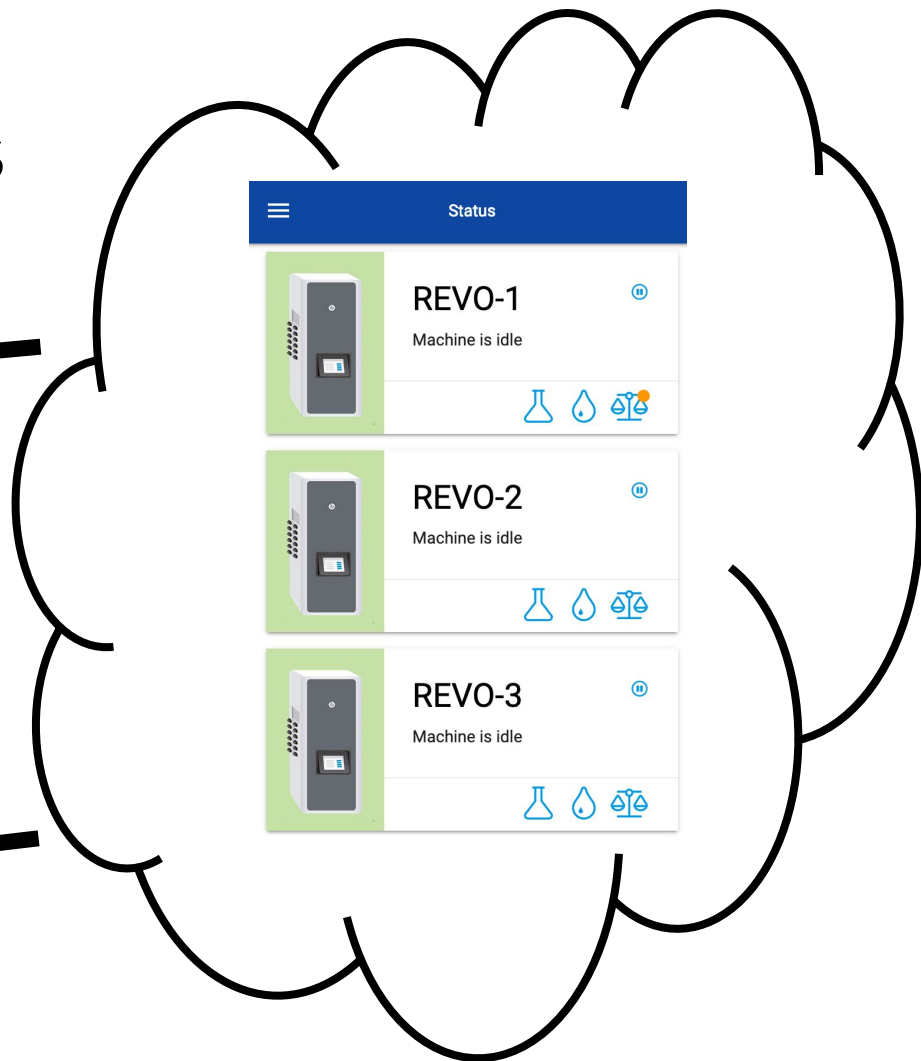
# A Chemistry Robot



# A Chemistry Robot



# Many Chemistry Robots



# My Message

**To benefit from DevOps,  
take the product to DevOps**

*Me, this talk*

# DevOps When *Dev* Isn't Just Software

**Amazon says**

*(other opinions are available)*



## DevOps Practices

The following are DevOps best practices:

- Continuous Integration
- Continuous Delivery
- Microservices
- Infrastructure as Code
- Monitoring and Logging
- Communication and Collaboration



# Continuous Integration and Delivery

- **Test abstractions and integrations**
- **Platforms all the way down**

# Infrastructure as Code

- **Aim: simple, compliant and robust**
- **“IOT” and “cloud” scare Big Pharma**

# Monitoring and Logging

- **Buy smart hardware**
- **Make hardware smarter**

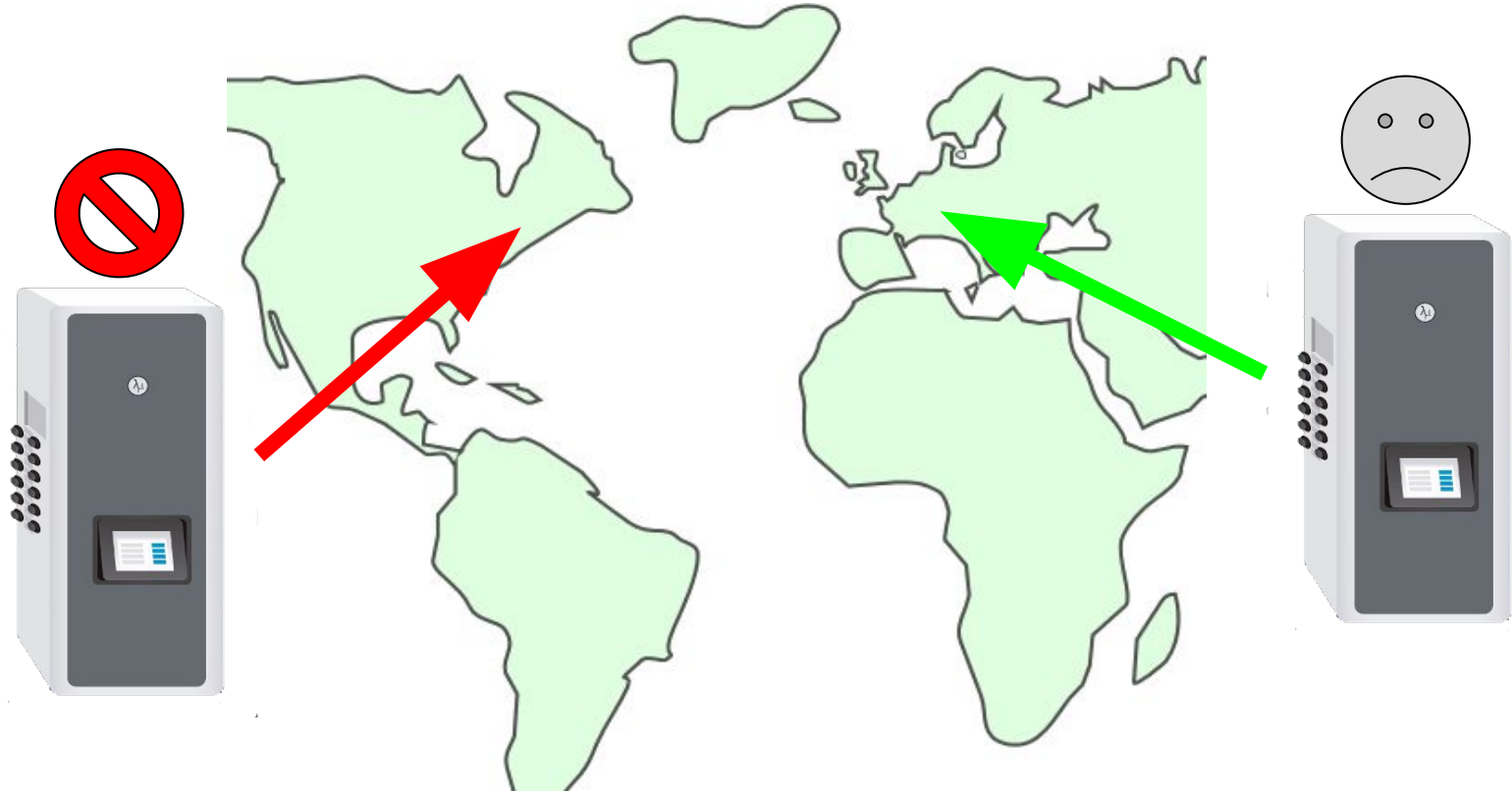
# Microservices



# Microservices



# Microservices



# Any questions?

`tom@labminds.com`