

# 7th Meetup about Docker and Cloud Foundry

## Cloud Foundry Experience In The Field (some hints to be successful)

Patrik Nagel, Field Engineer at Pivotal, [pnagel@pivotal.io](mailto:pnagel@pivotal.io)

# Building Modern Software On A Cloud Infrastructure

Culture (DevOps)

Application Framework



↕ Contract: 12-Factor App

Platform Runtime



↕ Contract: BOSH release

Infrastructure Automation



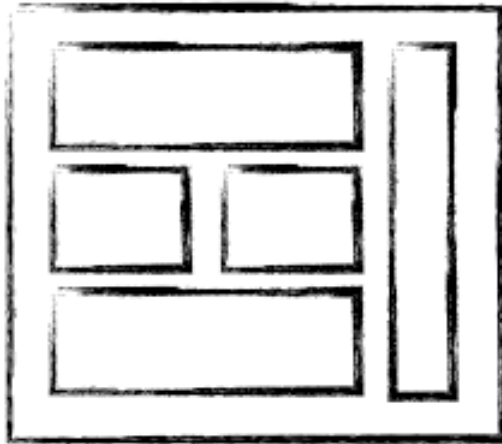
↕ Contract: Cloud Provider Interface

Infrastructure



# Trend Towards New Lightweight Architectures

Microservices addressing speed to market and cloud scale



MONOLITHIC/LAYERED



MICRO SERVICES

# The Platform Does A Lot For You



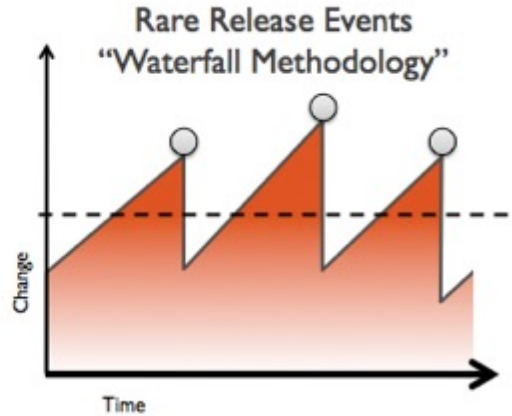
# The Platform Does A Lot For You

...and touches many areas like virtualization, networking, monitoring, patching, security, etc.

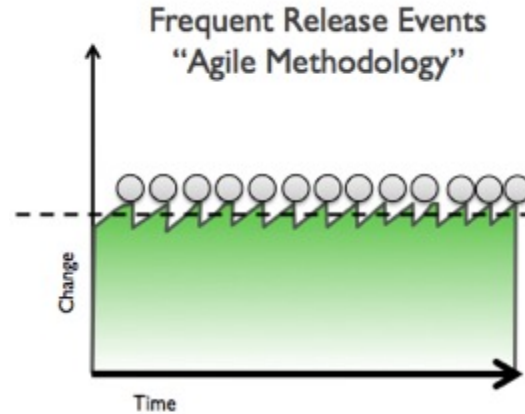
- Platform as a Service comes along with new concepts and approaches (for good reasons!)
- Always keep the Cloud Foundry Haiku in mind:  
**here is my source code.**  
**run it on the cloud for me.**  
**I do not care how.**

# DevOps – “You build it, you run it”

Goal: Delivering value rapidly and safely



Effort Peaks  
High Risk



Smoother Effort  
Less Risk

# Cloud Foundry Meets Docker

Docker as a first class citizen of Cloud Foundry



Q&A