



OPENFAAS

OpenFaaS Meetup #4

Vivek Singh GitHub Member OpenFaaS Community

The Session

- OpenFaaS Overview
- Workshop Details
- OpenFaaS Cloud
- Get involved 👉



Tweet @openfaas 📱📷



Join the community

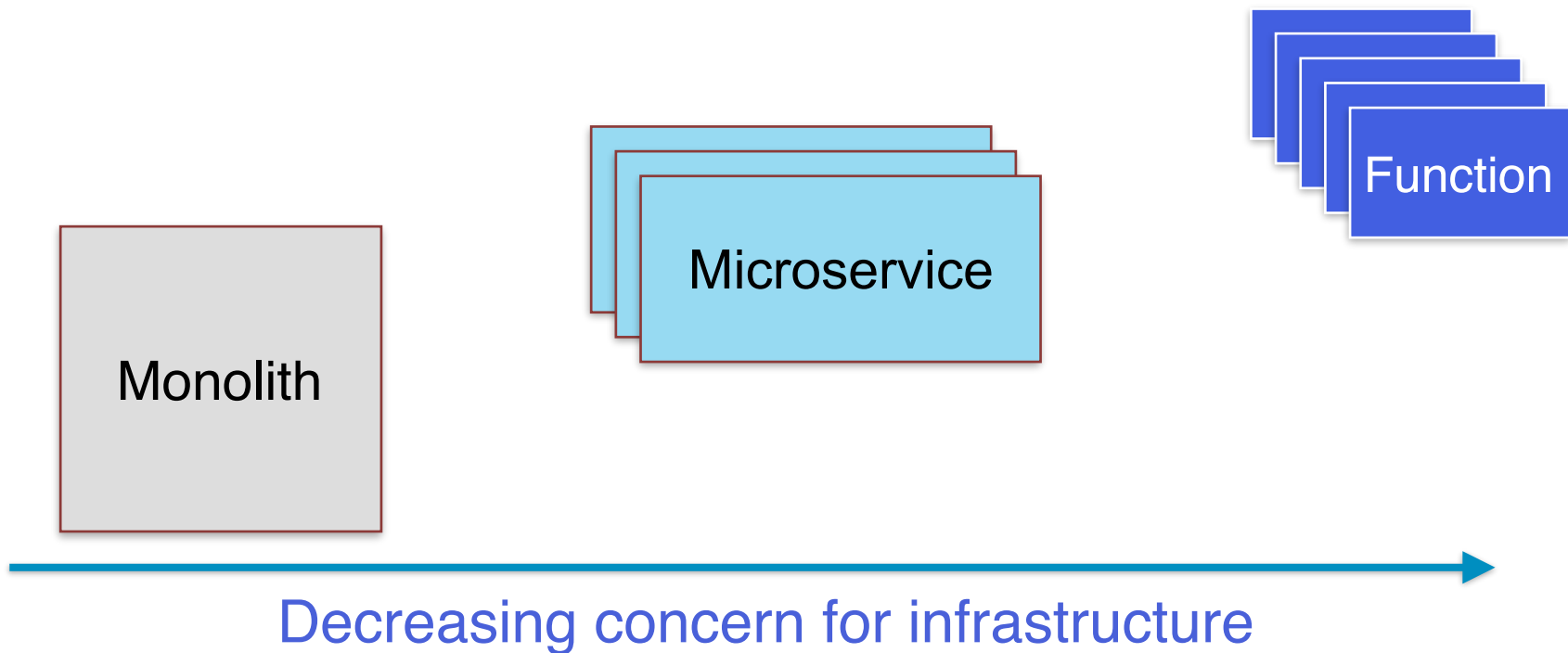
<https://bit.ly/2GapKWP>



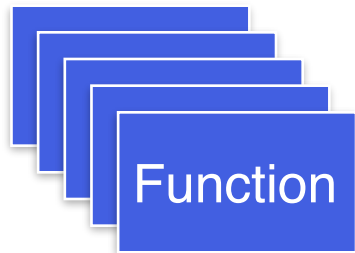
Serverless is an architectural pattern



What is Serverless anyway?



What are functions?

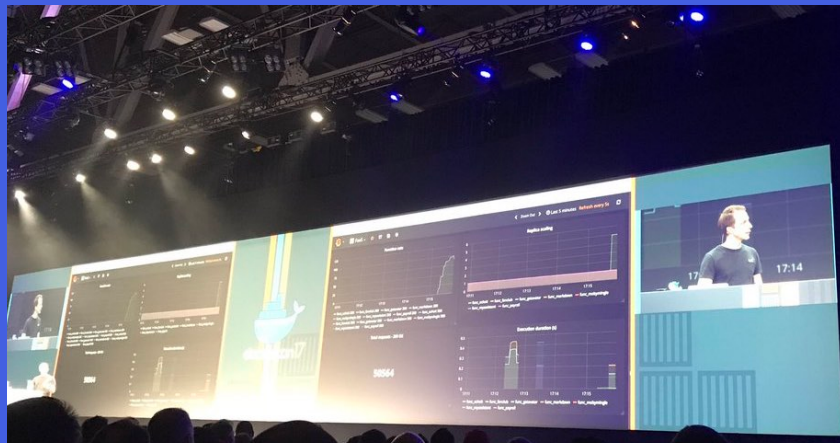


Short-lived
Single-purpose
No state
Auto-scaling

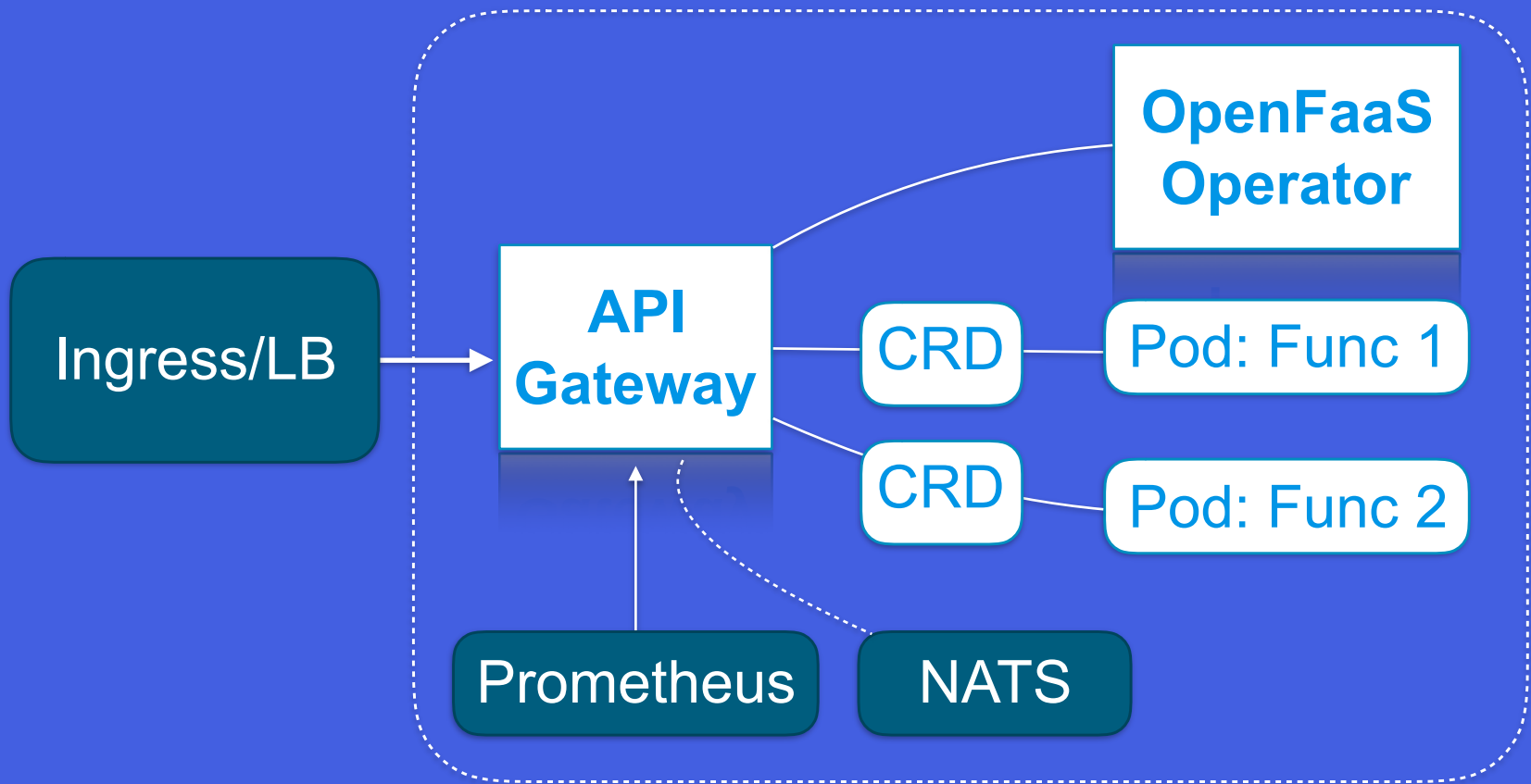


Meet OpenFaaS

- Started in Nov 2016
- Containers, Alexa, Swarm 
- Production users 
- Bossie awards  
- 18.8k stars / 238+ contributors



Architecture for Kubernetes



Write a function

1. `$ faas new --lang python3 http-status`

```
def handler(req):  
    r = requests.get(req)  
    return str(r.status_code)
```

handler.py

requests

requirements.txt

2. `$ faas up`

Handler

+

*Python
Template*



Docker
Image



Registry



OpenFaaS End-users



Dim Solution.



InfoTech
Partners



- VMware



Workshop Overview

- Total Eleven Labs (Including 4 Advanced Labs)
- Docker Swarm Vs Kubernetes
- Develop a Github Bot
- Use #workshop channel for questions
- Docker Hub and Github accounts are required.
- Workshop (<https://github.com/openfaas/workshop>)



OpenFaaS Cloud

 Search or jump to... / Pull requests Issues Marketplace Explore

alexellis / **leaderboard-app** Unwatch 2

[Code](#) [Issues 2](#) [Pull requests 1](#) [Actions](#) [Insights](#) [Settings](#)

Branch: master ▼

Commits on Apr 7, 2019

Disable scale to zero ...

 alexellis committed 11 days ago ✓

All checks have passed
4 successful checks

✓  **github-sub** — Build github-sub [Details](#)

✓  **leaderboard** — Build leaderboard [Details](#)

✓  **leaderboard-page** — Build leaderboard... [Details](#)

✓  **stack-deploy** — Deploy to OpenFaaS [Details](#)

[Verify](#)

Commits on Mar 14, 2019

Update local testing instructions ...

 alexellis committed on 14 Mar ✓

Add local deployment instructions

 alexellis committed on 14 Mar ✓

Commits on Feb 21, 2019

Bump CI ...

 alexellis committed on 21 Feb ✗

OpenFaaS Cloud



OpenFaaS Cloud

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alexellis

Functions for alexellis

Welcome to the OpenFaaS Cloud Dashboard! Click on a function for more details.

Name		Repository	SHA	Deployed	Invocations	Replicas	
leaderboard		leaderboard-app	be88a88	11 days ago	1	1/4	
leaderboard-page		leaderboard-app	be88a88	11 days ago	4	1/4	
github-sub		leaderboard-app	be88a88	11 days ago	20	1/4	

OpenFaaS Cloud

alexellis / github-sub

Function Overview

 Deployment

Build Logs

Name: github-sub 

Image: ofcommunity/alexellis-leaderboard-app-github-sub:1.1.0-be88a88

Endpoint: <https://alexellis.o6s.io/github-sub>

Replicas: 1/4

 Git

Get Badge

Repository: alexellis/leaderboard-app

SHA: be88a88278a7e8d229f6ff40af00c182d02e494b

Deploy Time: 11 days ago

Invocations

Period:

1hr24hr

42 invocations

42

Success

0

Error

Get involved

1. Join Slack 🙌

<https://docs.openfaas.com/community>

2. Try the self-paced workshop! 💻

<https://github.com/openfaas/workshop>

3. Follow us on Twitter

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Thank You!

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