OpenFaaS

Functions as a Service

OPENFAAS

Serverless Functions Made Simple

Serverless

Serverless processing allows you to create builds and run applications and services **without having to manage any servers**. Serverless applications do not require provisioning, scaling or server management. They can adapt to almost any type of back-end application or service; all the operations necessary for the execution and **scalability** of the application will be managed **automatically**.

Advantages

Cost

Only the necessary resources are used, the capacity will be optimized based on the units needed.

Scalability

Application resources will be recalibrated automatically.

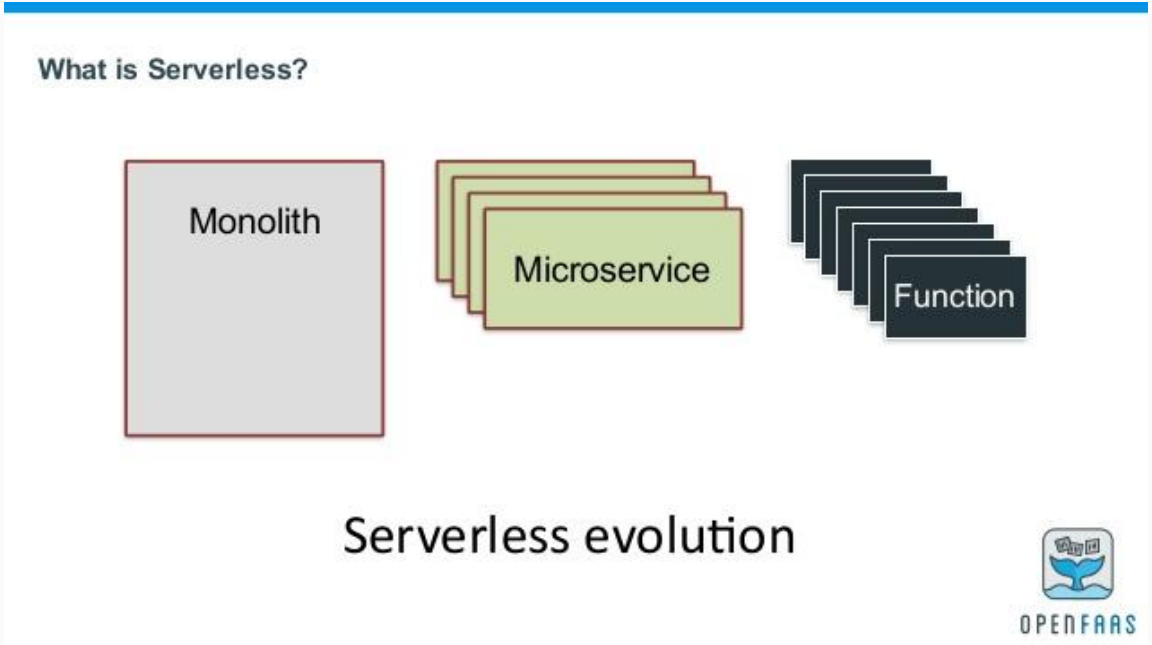
No Server Management

It is not necessary to allocate or manage servers.

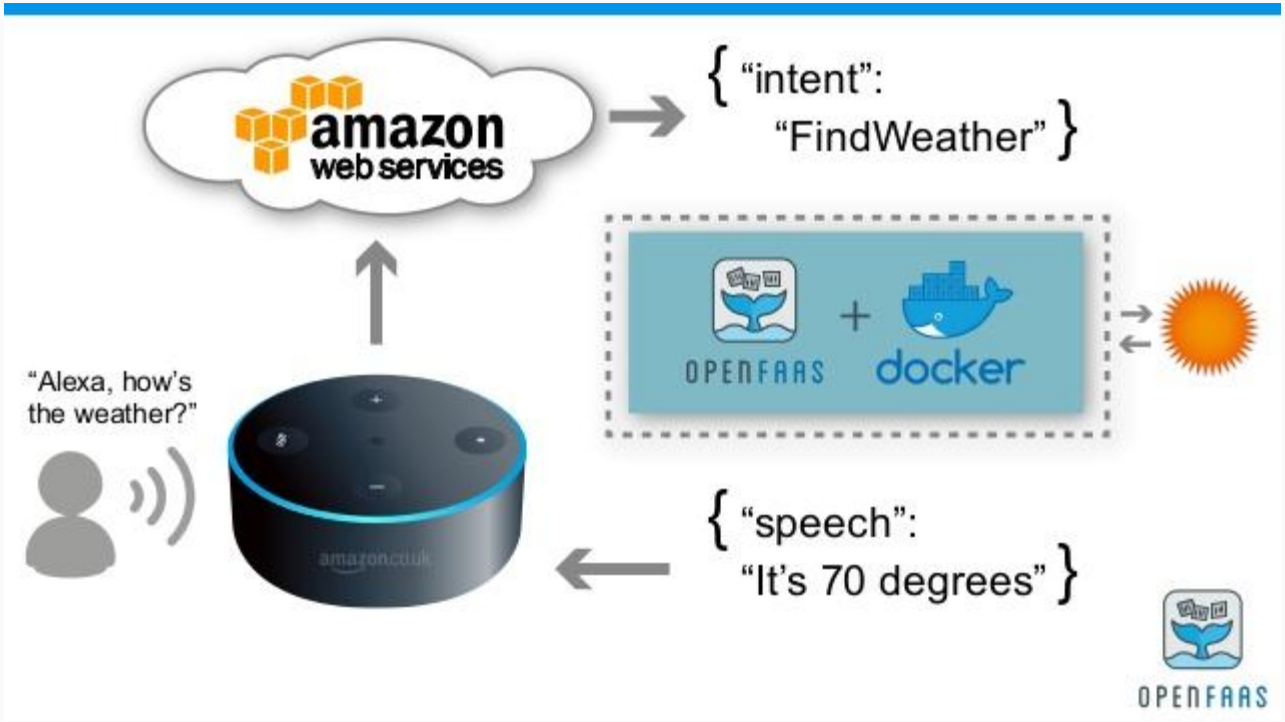
Functions as a Service

Function-as-a-Service (FaaS) offers the possibility to implement what is essentially a single function.

Complete server **abstraction** from the developer.

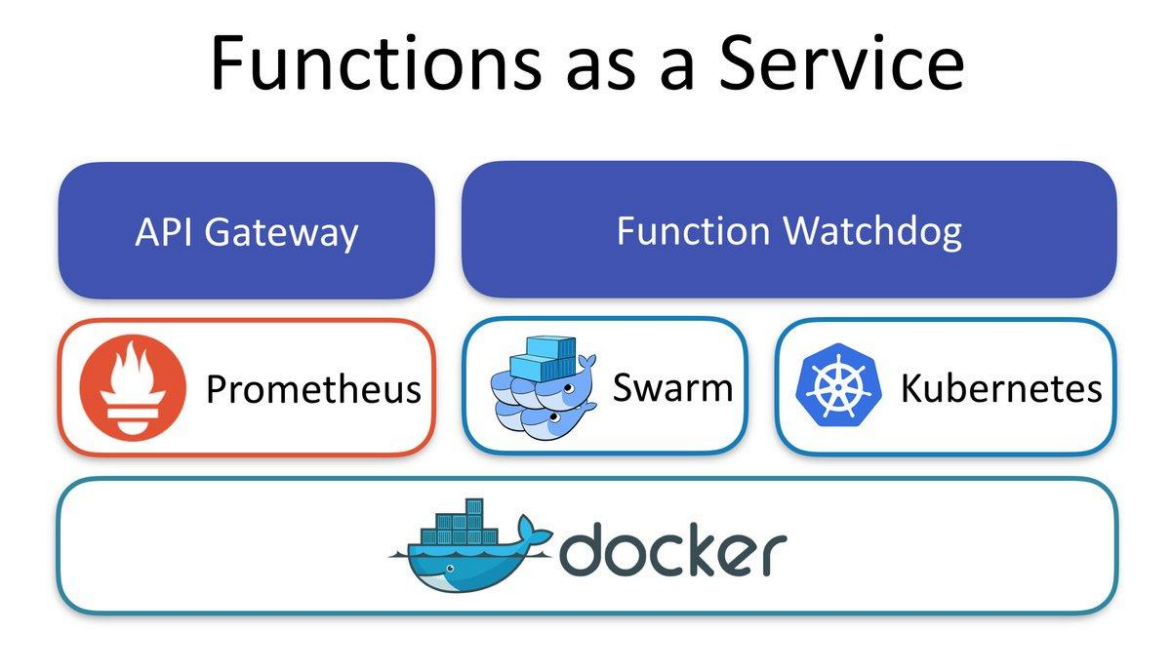


How OpenFaaS works



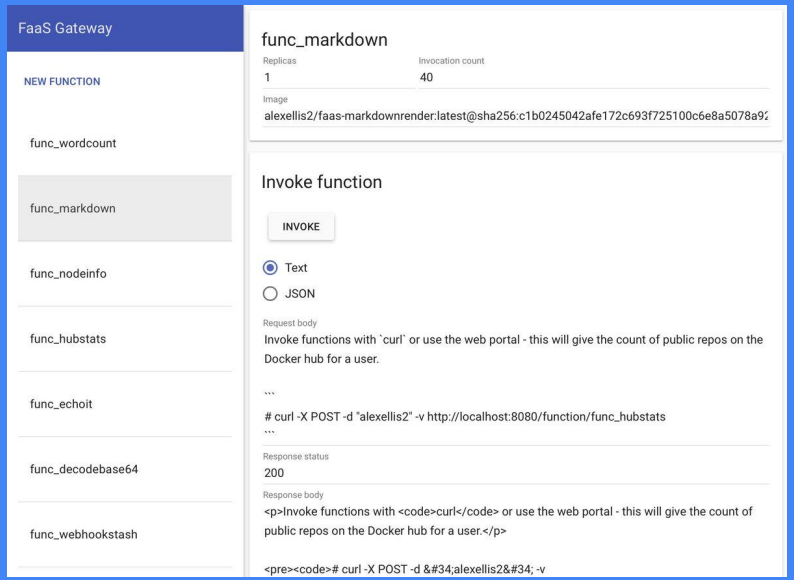
OpenFaaS Structure

OpenFaaS (Functions as a Service) is a framework for building serverless functions with Docker and Kubernetes which has first class support for metrics. Any process can be packaged as a function enabling you to consume a range of web events without repetitive boiler-plate coding.



Demo Time

Some example functions



Thank You!

GitHub Project
https://github.com/jacopo1395/openfaas

LinkedIn
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