



The Fn Project

Open Source Serverless Computing

What follows is Open Source

But I had to promise to show you this...

Safe Harbor Statement

The following is intended to outline our general product direction. It is intended for information purposes only, and may not be incorporated into any contract. It is not a commitment to deliver any material, code, or functionality, and should not be relied upon in making purchasing decisions. The development, release, and timing of any features or functionality described for Oracle's products remains at the sole discretion of Oracle.

(“they” made me tick a box and everything!)



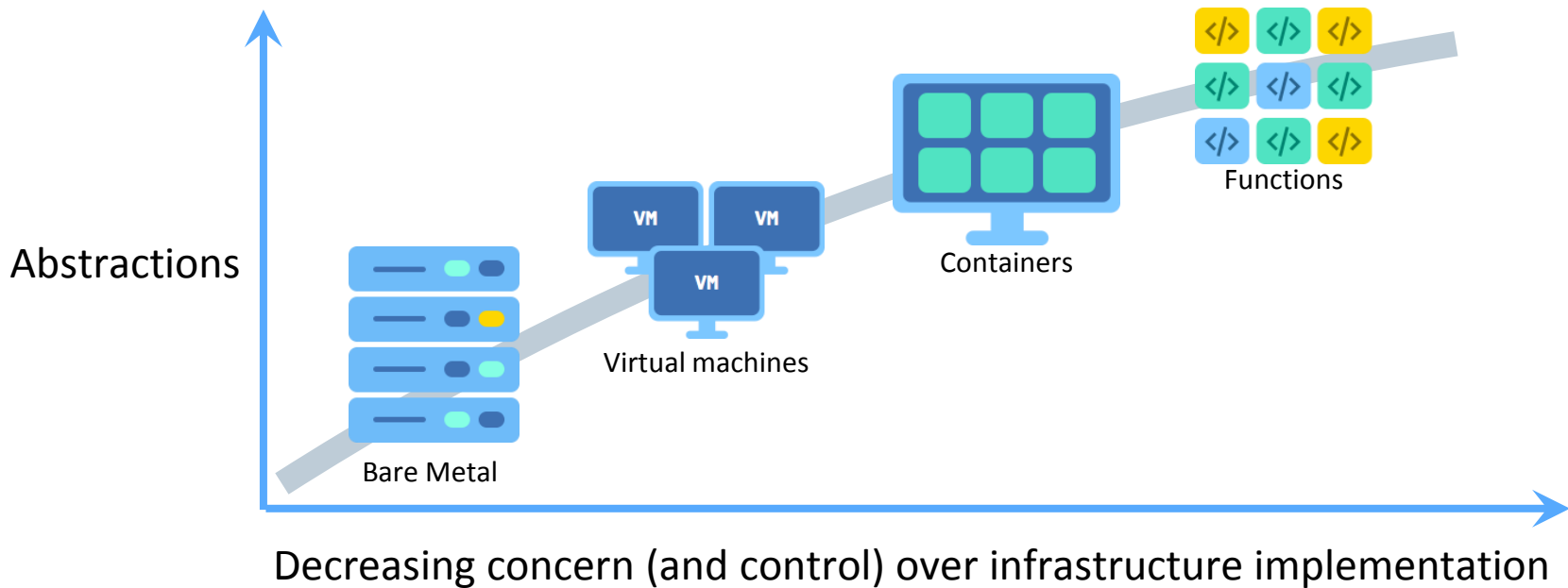
Please allow me to
introduce myself....

I'm a man of wealth and
taste.

whisper



Functions-as-a-service (FaaS)



What is a function?



**EVENT
DRIVEN**



**SHORT
DURATION**



STATELESS



**LOWER
COST**

What's in a function?

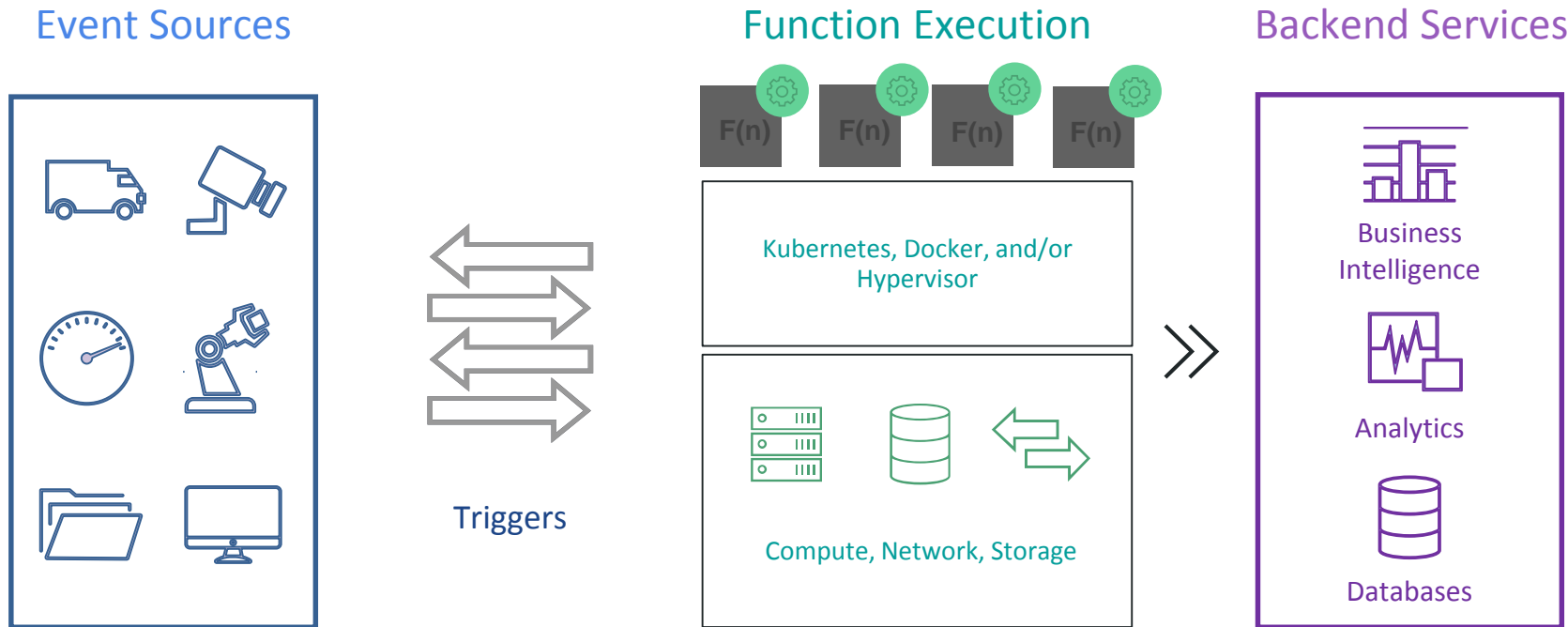
```
package com.example.fn;  
  
public class HelloFunction {  
  
    public String handleRequest(String input) {  
        String name = (input == null || input.isEmpty()) ? "world" : input;  
  
        return "Hello, " + name;  
    }  
  
}
```

Framework handles hosting and infrastructure to deal with incoming messages and response

- Provide access via an HTTP(s) API
- Connect to a set of "Triggers"
- Route, log, etc.



Functions-as-a-service



What is Serverless?

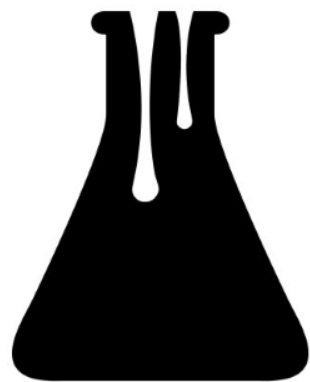
- **Serverless** is an abstraction of infrastructure and its operations including provisioning, scaling, patching, etc.
- **Serverless architecture** is when an app is built entirely on serverless components (compute, storage, networking)
- **FaaS** is the compute component in a serverless architecture

The Fn Project (fnproject.io)

- Open-source serverless compute platform
- Can be deployed to any cloud or on - premises
- Containers are primitives
- Active w/ large core team, 3500+ commits, 75+ contributors
- Native CloudEvents support
- Independently governed with representation at [CNCF](#)
- Language-based Workflow (Fn Flow)



Let's head to...



theLab

Thank you!

Ewan Slater

Cloud Architect

@ewanslater

Get Involved

1. Star the project: github.com/fnproject/fn
2. Join the conversation: slack.fnproject.io
3. Learn more: fnproject.io

