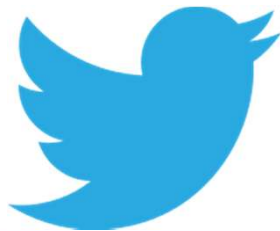


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# MICROSERVICES IN SCALATRA AND SPRAY.CC / AKKA HTTP



# Presentation plan

1. Delivering microservices quickly
2. Scalatra framework and Akka
3. Live coding
4. Spray
5. Live coding

# Deliver microservices quickly





# Scalatra

```
import org.scalatra._

class HelloWorldApp extends ScalatraFilter {
  get("/") {
    <h1>Hello, {params("name")}</h1>
  }
}
```

***jetty://***

Embedded Container



# Starting Service

```
./sbt
```

```
>container:start
```

```
[info] Started
```

```
SelectChannelConnector@0.0.0.0:8090
```

```
[success] Total time: 2 s
```

# SPRAY

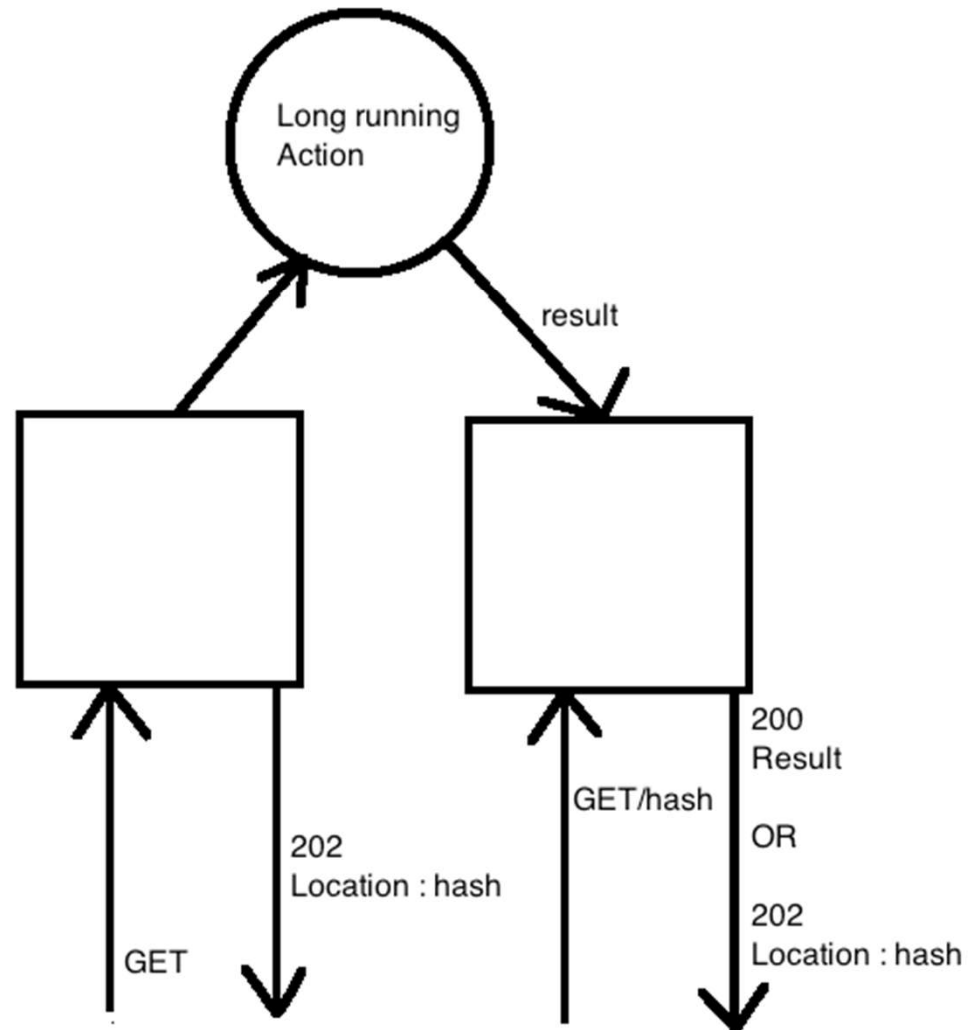
```
def receive = runRoute(  
  path("hello") {  
    get {  
      complete("hello, world!")  
    }  
  }  
)
```



# Asynchronous Service



# Service flow



**We created services !**



# Repositories

[https://github.com/tomekl007/geecon\\_spray](https://github.com/tomekl007/geecon_spray)

[https://github.com/tomekl007/geecon\\_scalatra](https://github.com/tomekl007/geecon_scalatra)



# Thank You, questions ?

```
type Query = String  
def thankYou(): Query = {  
    "are there any questions ?"  
}
```



# Collect points

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