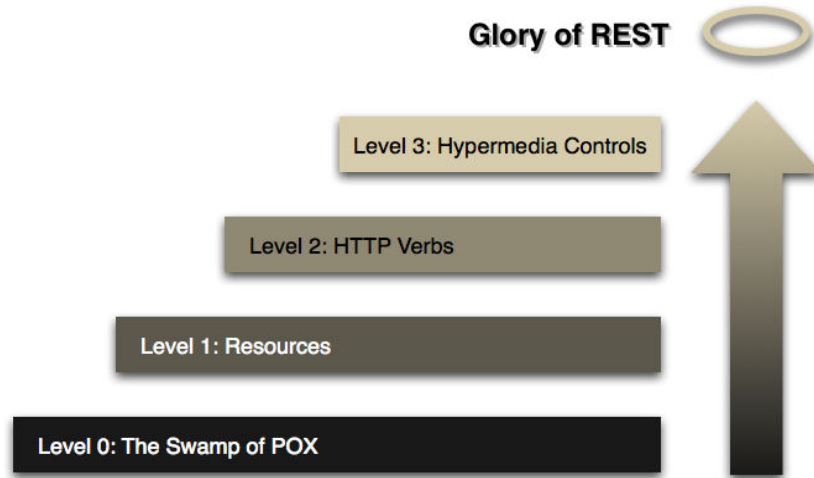


SPRING DATA REST: THE GLORY OF REST



EXPONER REPOSITARIOS COMO SERVICIOS REST

- ▶ Mapeo automático de CRUD – REST
- ▶ Uso exhaustivo de hipermedia
- ▶ EndPoint de entrada autodescriptivo



HATEOAS

- ▶ *Hypermedia as the Engine of Application State*
- ▶ Servicios que se autodescriben
- ▶ Nos proporcionan toda la información necesaria, a través de enlaces, para poder conocer su estructura, donde consultar recursos, ...

DEPENDENCIAS

```
<dependencies>
  ...
  <dependency>
    <groupId>org.springframework.boot</groupId>
    <artifactId>spring-boot-starter-data-rest</artifactId>
  </dependency>
  ...
</dependencies>
```

ALL YOU NEED IS REST

ENDPOINT DE BIENVENIDA

```
{
  "_links": {
    "people": {
      "href": "http://localhost:8080/people{?page,size,sort}",
      "templated": true
    },
    "profile": {
      "href": "http://localhost:8080/profile"
    }
  }
}
```

ENDPOINT DE RECURSO

```
{
  "_embedded": {
    "people": [
      {
        "firstName": "José",
        "lastName": "García Martínez",
        "_links": {
          "self": {
            "href": "http://localhost:8080/people/1"
          },
          "person": {
            "href": "http://localhost:8080/people/1"
          }
        }
      },
      ...
    ]
  },
  "_links": {
```