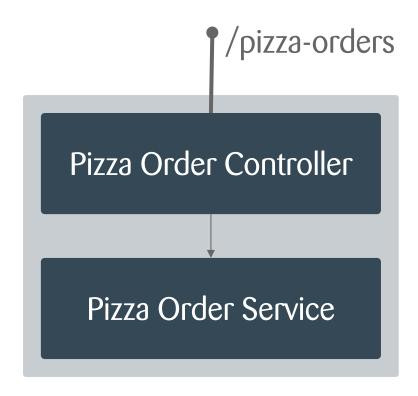# Spring Fundamentals Hands-on

Spring Boot

Hands-On 1

- Create a new Spring Boot application (or use: https://github.com/spring-fundamentals/spring-boot).

- The app should have one REST endpoint that returns all pizza-orders (GET).

- A pizza order consists of an ID and a list of order items. An order item has a name (of the pizza) and a quantity.

- The REST controller should inject a service. This service is responsible for generating some random pizza orders (hard-coded).
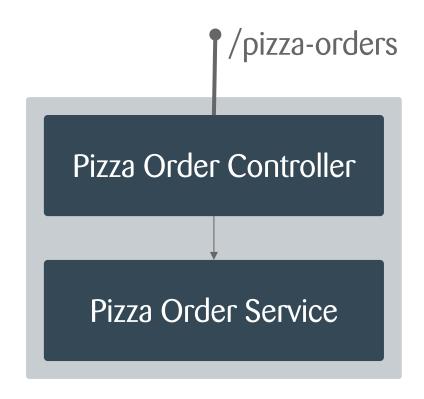
/pizza-orders

Pizza Order Controller

Pizza Order Service

Spring Boot

Hands-On 1

- Add a REST endpoint to get a pizza-order by ID (GET) and throw a IllegalArgumentException if there is no order with this ID.

- Add a REST endpoint (GET) that returns all pizza orders containing a particular pizza (pizzaName as request parameter).

- Add a REST endpoint to create a new pizza-order (POST). You can store the new pizza orders in a list or a map of your choice.

/pizza-orders

Pizza Order Controller

Pizza Order Service