

A purple crocus flower is the central focus, standing tall on a thin stem. It is surrounded by dry, yellowish-brown grass at the bottom. The background is a soft, out-of-focus teal color. The text 'Spring and Spring Boot' is written in a large, white, sans-serif font, with 'Spring' repeated. Below it, 'Fundamentals Hands-on' is written in a smaller, white, sans-serif font. The author's name 'Marius Reusch' is at the bottom left in a small, white, sans-serif font.

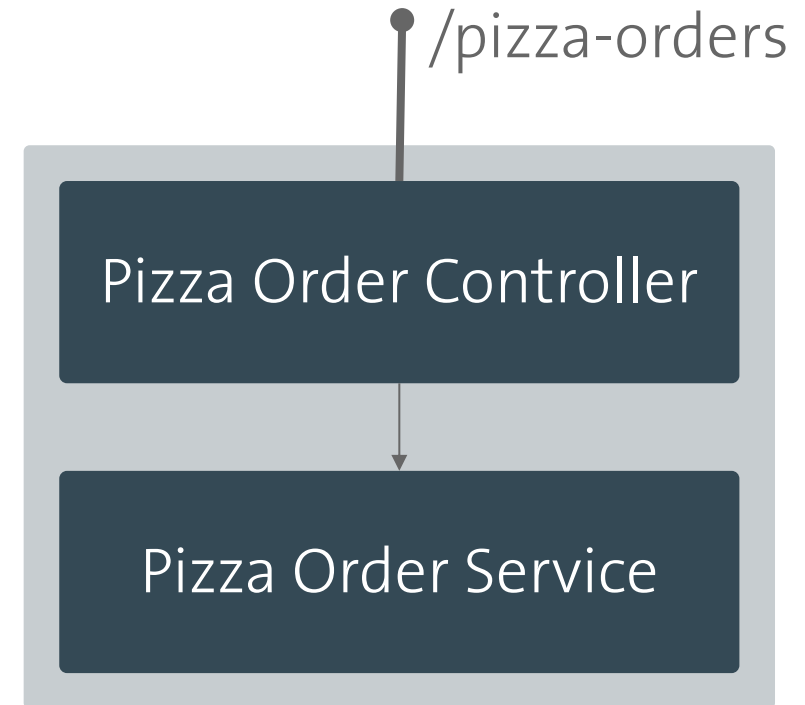
# Spring and Spring Boot

## Fundamentals Hands-on

Marius Reusch

# Spring Boot / Hands-On 1

- Create a new Spring Boot application
- 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).



# 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.

