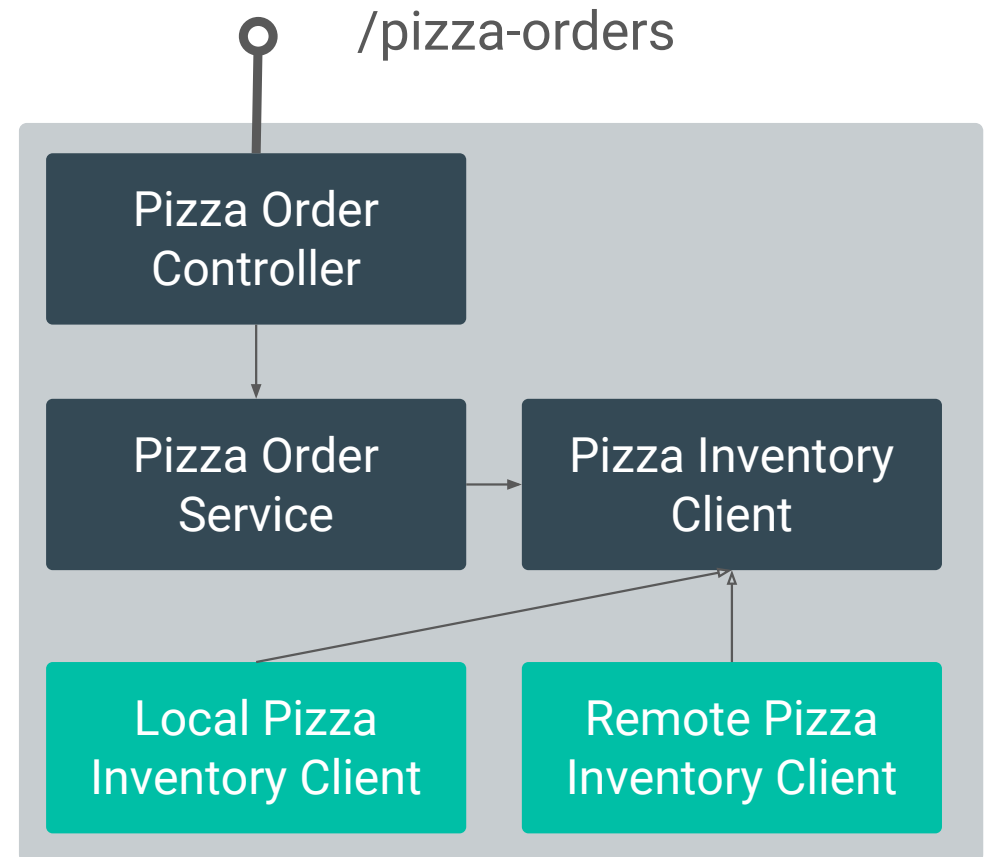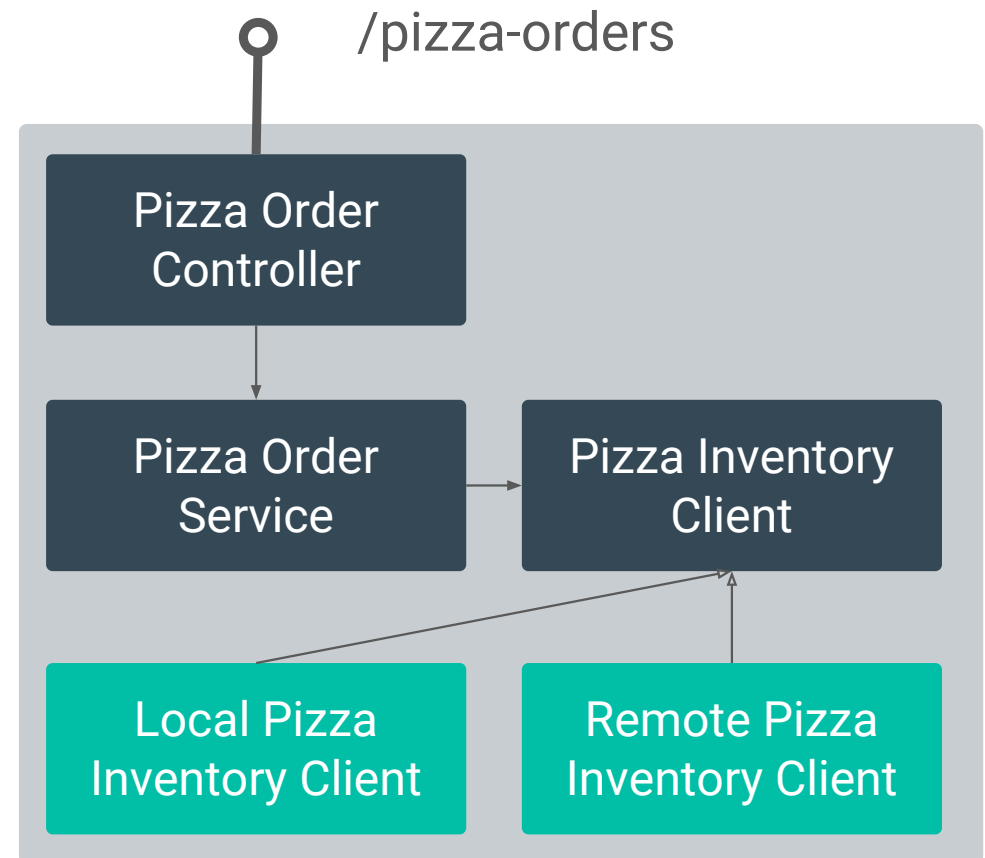# Spring Boot / Hands-On 2

- Introduce a new interface "Pizza Inventory Client" with two implementations Local- and Remote Pizza Inventory Client. Find a mechanism to load them conditionally.

- The pizza inventory client has one method *boolean isAvailable(String pizzaName)*

- The local implementation always returns true

- The remote implementation should return randomly true or false.

/pizza-orders

Pizza Order Controller

Pizza Order Service

Pizza Inventory Client

Local Pizza Inventory Client

Remote Pizza Inventory Client

https://github.com/spring-fundamentals/hands-on

Spring Boot / Hands-On 2

- The pizza order service should inject the new pizza inventory client and in case of a new pizza order it should call the isAvailable method for each ordered pizza. And if one pizza is not available it should throw an IllegalStateException.

- In case of an IllegalArgumentException the application should return the HTTP status code 404 NOT FOUND.

- In case of an IllegalStateException the application should return the HTTP status code 400 BAD REQUEST.

/pizza-orders

Pizza Order Controller

Pizza Order Service → Pizza Inventory Client

Local Pizza Inventory Client

Remote Pizza Inventory Client

https://github.com/spring-fundamentals/hands-on