

Title: Communication Containers in a local machine via Rest in php and Spring boot

Post Body:

I am new in docker and spring boot. So, I created 1 docker-compose.yml for my app

```
version: '3'
services:
  zookeeper:
    image: wurstmeister/zookeeper
    container_name: zookeeper
    ports:
      - "2181:2181"
```

, in which the **web** has a dockerfile for php. Also in spring boot I created an application.yml.

```
server:
  port: 8888
spring:
  kafka:
    producer:
      bootstrap-servers: localhost:9092
      key-serializer: org.apache.kafka.com
```

After that I execute my app and it is run in local machine. Now the problem is that I want to send some data via curl with php in spring-boot but the problem is that I don't know the exact url. I mean that I try to POST data via curl in

- *[http://localhost\(or 127.0.0.1\):8888/publish](http://localhost(or 127.0.0.1):8888/publish)*

which is the port for spring-boot. With Postman it works but I want to make it work with php. Here is also my Controller Spring for Spring Boot.

```
package com.example.kafka.springkafkaproducer;
import org.springframework.beans.factory.annotation.Autowired;
import org.s

}
```

Can someone help me to find the right URL for making the communication? I don't know where I have to search or how I declare it. I tried without docker via Xampp and it worked right.

Accepted Answer: None

Highest Rated Answer:

To refer to other Docker services, you use the service names located under `services:` in your YAML - [Networking in Compose](#)

Also

`KAFKA_ADVERTISED_HOST_NAME: localhost` is incorrect, as that property is deprecated in favor of `KAFKA_LISTENERS`, [as per the wiki](#), but you should be advertising the external hostname of the container (`kafka`), not `localhost`

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This is the same as saying "Works on my machine". If you were to deploy that code in any other environment and split your services onto several other machines, it would not, regardless of using Docker.