Application is written in Java 8. Can be built by maven

**mvn package**

and run

**mvn spring-boot:run**

or

**java -jar target/BrickShop3-0.1.0.jar**

**Technologies**

Application uses Spring Boot and Spring REST services. H2 is used as in-memory database.

**Use cases**

Application launches one REST service. Application is for creating, updating and retrieving orders and available on endpoint <http://localhost:8080/orders/>. Rest endpoints consume HTTP requests and produce responses in JSON format.

**Adding order**

Customer is added when their first order is being created. Following curl command adds '100' for customer krzysztof. Order is sent in request body and krzysztof customer in URL path variable.

curl -H "Content-Type: application/json" -X POST -d '100' <http://localhost:8080/orders/krzysztof>

**Displaying customer’s orders**

Orders added by krzysztof customer can be requested by

curl <http://localhost:8080/orders/krzysztof>

Sample:

[{"orderReferenceId":"f5a05ca7-fe34-4699-ab41-b34166900b9c","bricksCount":300}]

**Updating order**

curl -H "Content-Type: application/json" -X PUT -d '200' http://localhost:8080/orders/ f5a05ca7-fe34-4699-ab41-b34166900b9d