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https://gist.github.com/dsyer/472357

<https://github.com/spring-projects/spring-integration-samples/tree/master/basic/jdbc>

https://blog.codecentric.de/en/2018/09/implement-responsive-java-polling/

https://www.youtube.com/watch?v=UDZRMdxOz-w - spring integration poller

https://examples.javacodegeeks.com/enterprise-java/spring/integration/spring-integration-database-polling-example/

<https://www.baeldung.com/spring-boot-logging>

https://www.javarticles.com/2015/05/spring-integration-jdbc-inbound-adapter.html

https://www.bytemusings.com/2015/01/spring-integration-bulk-processing.html \*\*\* this is

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<https://www.baeldung.com/jackson-serialize-enums>

https://www.baeldung.com/spring-boot-h2-database

<https://github.com/mkyong/spring-boot>

https://www.baeldung.com/javax-validations-enums

<https://www.baeldung.com/javax-validation>

<https://mkyong.com/spring-boot/spring-rest-error-handling-example/>

https://www.baeldung.com/spring-boot-formatting-json-dates

Trial

[{"key":"Content-Type","name":"Content-Type","value":"application/json","description":"","type":"text"}]

http://localhost:8080/water/orders

{

"id" : 1002,

"startDateTime" : "2020-04-01 00:00:00",

"endDateTime" : "2020-04-02 00:00:00",

"duration" : 787878,

"orderStatus" : "REQUESTED"

}

To enable h2 console

spring.h2.console.enabled=true

http://localhost:8080/h2-console

By default, Spring Boot configures the application to **connect to an in-memory store with the username *sa* and an empty password**. However, we can change those parameters by adding the following properties to the *application.properties* file:

|  |  |
| --- | --- |
| 1  2  3  4  5 | spring.datasource.url=jdbc:h2:mem:testdb  spring.datasource.driverClassName=org.h2.Driver  spring.datasource.username=sa  spring.datasource.password=password  spring.jpa.database-platform=org.hibernate.dialect.H2Dialect |

By design, the in-memory database is volatile and data will be lost when we restart the application.

We can change that behavior by using file-based storage. To do this we need to update the *spring.datasource.url:*

|  |  |
| --- | --- |
| 1 | spring.datasource.url=jdbc:h2:file:/data/demo |

**The path, like */data/demo*here, has to be absolute.** The database can also [operate in other modes](http://www.h2database.com/html/features.html#connection_modes).