**The IT Solutions Use Case – Energy**

**Tools used**

Java version: JDK 1.8.0\_161 (64 bit)

IDE : spring-tool-suite-3.9.0.RELEASE-e4.7.0-win32-x86\_64

Server: Tomcat v8.0

Database: MSQL - 10.1.13-MariaDB (

Build tool: Maven

**Build and run in command line**

The actual path must be on the level of the pom.xml.

(If the pom.xml path is C:\Dev\Measure\MeasureWs\measure\pom.xml, then the actual path must be C:\Dev\Measure\MeasureWs\measure.)

Run command:

mvn spring-boot:run

Test REST service (GET):  
http://localhost:8080/rest/hello

Output should be "Hello".

**Database connection**

Database connection configuration can be found in the measure\src\main\resources\application.properties file.   
Connection username and password can be configured by spring.datasource.username and spring.datasource.password properties.

Current settings:  
spring.jpa.hibernate.ddl-auto=update

spring.datasource.url=jdbc:mysql://localhost:3306/measure?characterEncoding=UTF-8&useSSL=false

spring.datasource.username=root

spring.datasource.password=

spring.datasource.driverClassName: com.mysql.jdbc.Driver

spring.jpa.database: MYSQL

spring.jpa.show-sql: true

spring.datasource.testOnBorrow: true

spring.datasource.validationQuery: SELECT 1

**Database scheme export:**

SET SQL\_MODE = "NO\_AUTO\_VALUE\_ON\_ZERO";

SET time\_zone = "+00:00";

/\*!40101 SET @OLD\_CHARACTER\_SET\_CLIENT=@@CHARACTER\_SET\_CLIENT \*/;

/\*!40101 SET @OLD\_CHARACTER\_SET\_RESULTS=@@CHARACTER\_SET\_RESULTS \*/;

/\*!40101 SET @OLD\_COLLATION\_CONNECTION=@@COLLATION\_CONNECTION \*/;

/\*!40101 SET NAMES utf8mb4 \*/;

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-- Database: `measure`

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CREATE TABLE `hibernate\_sequence` (

`next\_val` bigint(20) DEFAULT NULL

) ENGINE=MyISAM DEFAULT CHARSET=latin1;

INSERT INTO `hibernate\_sequence` (`next\_val`) VALUES

(3);

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CREATE TABLE `measures` (

`id` int(15) NOT NULL,

`measure\_date` date NOT NULL,

`measure\_value` int(15) NOT NULL

) ENGINE=InnoDB DEFAULT CHARSET=latin1;

INSERT INTO `measures` (`id`, `measure\_date`, `measure\_value`) VALUES

(1, '2018-09-03', 12),

(2, '2017-11-02', 32),

(3, '2018-11-02', 10),

(4, '2018-11-05', 15),

(5, '2018-11-06', 15),

(6, '2017-11-07', 15),

(7, '2016-11-08', 15),

(8, '2016-11-02', 15),

(10, '2018-11-00', 15);

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ALTER TABLE `measures`

ADD PRIMARY KEY (`id`);

ALTER TABLE `measures`

MODIFY `id` int(15) NOT NULL AUTO\_INCREMENT, AUTO\_INCREMENT=1001;

/\*!40101 SET CHARACTER\_SET\_CLIENT=@OLD\_CHARACTER\_SET\_CLIENT \*/;

/\*!40101 SET CHARACTER\_SET\_RESULTS=@OLD\_CHARACTER\_SET\_RESULTS \*/;

/\*!40101 SET COLLATION\_CONNECTION=@OLD\_COLLATION\_CONNECTION \*/;

**REST services**

Dokumentum leíró adatok lekérése

Url: http://172.17.9.12:8082/rest/ek/docinv/getdocumentmeta/{docId}/{deviceId}/{locale}

Method: GET

Paraméterek:

Url paraméterek:

docId - Dokumentum azonosító.

deviceId - Eszköz azonosító.

locale - Nyelvterület kódja.

JSON requestbody paraméter:

Nincs.