SPRAWOZDANIE

Zajęcia: Informatyczne Systemy Medyczne
Prowadzący: prof. dr hab. Vasyl Marstenyuk

Laboratorium: Zajęcie 2
Data: 07.10.2020 r.
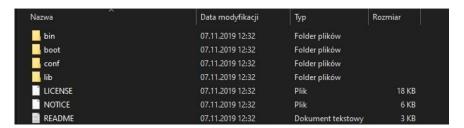**Temat:** „Podstawy systemu OpenMRS"
Wariant 1

Szymon Pęczalski
Informatyka II stopień,
stacjonarne,
2 semestr,
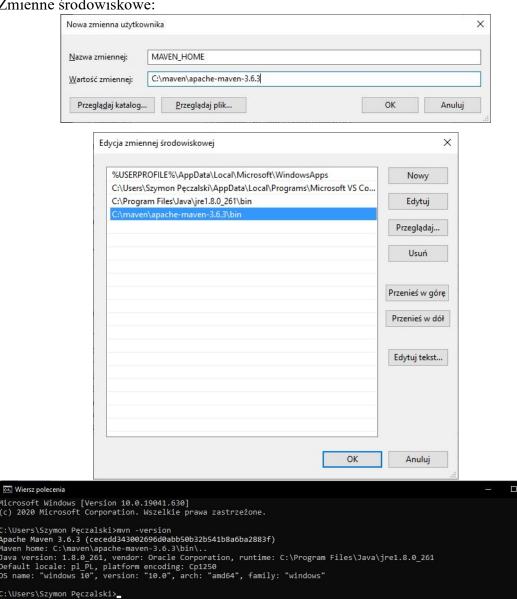Gr. B
https://github.com/SzPeczalski/ISM

1. Instalacja:

- Java:

- Maven:

- Zmienne środowiskowe:

- OpenMRS SDK:

Tworzenie przez Maven:


```
Administrator: Wiersz polecenia - mvn  openmrs-sdk:setup -DserverId=webservices-dev -Dplatform=2.0.0

mbed-core-7.0.100.jar (2.8 MB at 338 kB/s)
Downloaded from central: https://repo.maven.apache.org/maven2/commons-lang/commons-lang/2.6/commons-lang-2.6.jar (284 kB
 at 33 kB/s)
Downloaded from central: https://repo.maven.apache.org/maven2/com/fasterxml/jackson/core/jackson-core/2.9.10/jackson-cor
e-2.9.10.jar (326 kB at 36 kB/s)
Downloaded from central: https://repo.maven.apache.org/maven2/com/fasterxml/jackson/core/jackson-databind/2.9.10.4/jacks
on-databind-2.9.10.4.jar (1.3 MB at 148 kB/s)

Setting up a new server...
[INFO] artifact org.openmrs.distro:platform: checking for updates from openmrs-repo
[WARNING] repository metadata for: 'artifact org.openmrs.distro:platform' could not be retrieved from repository: openmr
s-repo due to an error: Transfer failed for http://mavenrepo.openmrs.org/nexus/content/repositories/public/org/openmrs/d
istro/platform/maven-metadata.xml
[INFO] artifact org.openmrs.distro:platform: checking for updates from openmrs-repo-thirdparty
[WARNING] repository metadata for: 'artifact org.openmrs.distro:platform' could not be retrieved from repository: openmr
s-repo-thirdparty due to an error: Transfer failed for http://mavenrepo.openmrs.org/nexus/content/repositories/thirdpart
y/org/openmrs/distro/platform/maven-metadata.xml
[INFO] artifact org.openmrs.distro:platform: checking for updates from openmrs-bintray-repo
[INFO] artifact org.openmrs.distro:platform: checking for updates from central
Downloading from openmrs-repo: http://mavenrepo.openmrs.org/nexus/content/repositories/public/org/apache/maven/maven-art
ifact/2.0.9/maven-artifact-2.0.9.pom
Downloading from openmrs-bintray-repo: https://dl.bintray.com/openmrs/maven/org/apache/maven/maven-artifact/2.0.9/maven-
artifact-2.0.9.pom
Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-artifact/2.0.9/maven-artifact-2.0.
9.pom
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-artifact/2.0.9/maven-artifact-2.0.9
.pom (1.6 kB at 20 kB/s)
Downloading from openmrs-repo: http://mavenrepo.openmrs.org/nexus/content/repositories/public/org/apache/maven/maven/2.0
.9/maven-2.0.9.pom
```



```
WybierzWiersz polecenia

1) H2
2) MySQL 5.6 (requires pre-installed MySQL 5.6)
3) MySQL 5.6 in SDK docker container (requires pre-installed Docker)
4) Existing docker container (requires pre-installed Docker)

Which one do you choose? [1/2/3/4]: 1
[INFO] Configured Artifact: com.h2database:h2:1.4.190:jar
[INFO] Copying h2-1.4.190.jar to C:\Users\szpec\openmrs\webservices-dev\h2-1.4.190.jar

The specified database openmrs-webservices-dev does not exist and it will be created for you.

Note: JDK 1.8 is needed for platform version 2.0.0.

Which JDK would you like to use to run this server?:
1) JAVA_HOME (currently: C:\Program Files\AdoptOpenJDK\jre-8.0.275.1-hotspot)
2) Other...

Which one do you choose? [1/2]: 2

Custom JDK path: C:\Program Files\Java\jdk1.8.0_181
[INFO] Server configured successfully, path: C:\Users\szpec\openmrs\webservices-dev
[INFO] ------------------------------------------------------------------------
[INFO] BUILD SUCCESS
[INFO] ------------------------------------------------------------------------
[INFO] Total time:  04:11 min
[INFO] Finished at: 2020-12-06T16:07:09+01:00
[INFO] ------------------------------------------------------------------------

C:\Users\szpec>
```

1. Tworzenie kilku instancji serwerów OpenMRS:


```
Wiersz polecenia - mvn  openmrs-sdk:run                                          —    □    ×
Note: JDK 1.8 is needed for platform version 2.0.0.

Which JDK would you like to use to run this server?:
1) JAVA_HOME (currently: C:\Program Files\AdoptOpenJDK\jre-8.0.275.1-hotspot)
2) Other...

Which one do you choose? [1/2]: 2

Custom JDK path: C:\Program Files\Java\jdk1.8.0_181
[INFO] Server configured successfully, path: C:\Users\szpec\openmrs\webservices-dev
[INFO] ------------------------------------------------------------------------
[INFO] BUILD SUCCESS
[INFO] ------------------------------------------------------------------------
[INFO] Total time:  04:11 min
[INFO] Finished at: 2020-12-06T16:07:09+01:00
[INFO] ------------------------------------------------------------------------

C:\Users\szpec>mvn openmrs-sdk:run
[INFO] Scanning for projects...
[INFO]
[INFO] ------------------< org.apache.maven:standalone-pom >-------------------
[INFO] Building Maven Stub Project (No POM) 1
[INFO] --------------------------------[ pom ]---------------------------------
[INFO]
[INFO] --- openmrs-sdk-maven-plugin:3.13.6:run (default-cli) @ standalone-pom ---

You have the following servers::
1) webservices-dev

Which one do you choose? [1]: _
```

2. Tworzenie projektu z archetypu:


```
Wiersz polecenia - mvn  openmrs-sdk:create-project                               —    □    ×
Microsoft Windows [Version 10.0.19041.630]
(c) 2020 Microsoft Corporation. Wszelkie prawa zastrzeżone.

C:\Users\szpec>mvn openmrs-sdk:create-project
[INFO] Scanning for projects...
[INFO]
[INFO] ------------------< org.apache.maven:standalone-pom >-------------------
[INFO] Building Maven Stub Project (No POM) 1
[INFO] --------------------------------[ pom ]---------------------------------
[INFO]
[INFO] --- openmrs-sdk-maven-plugin:3.13.6:create-project (default-cli) @ standalone-pom ---

What kind of project would you like to create?:
1) Platform module
2) Reference Application module
3) Open Web App

Which one do you choose? [1/2/3]: 1

Module id uniquely identifies your module in the OpenMRS world.

It is advised to consult your module id on https://talk.openmrs.org
to eliminate possible collisions.

Module id must consists of lowercase letters, must start from
a letter, can contain alphanumerics and dots, e.g. webservices.rest,
metadatasharing, reporting, htmlformentry.

Please specify module id (default: 'basicexample'): basicexample
```

3. Rozwijanie projektu na serwerze:

str. 3

4. Budowanie projektów:

```
Microsoft Windows [Version 10.0.19041.630]
(c) 2020 Microsoft Corporation. Wszelkie prawa zastrzeżone.

C:\Users\szpec>mvn openmrs-sdk:build
[INFO] Scanning for projects...
[INFO]
[INFO] ------------------< org.apache.maven:standalone-pom >-------------------
[INFO] Building Maven Stub Project (No POM) 1
[INFO] --------------------------------[ pom ]---------------------------------
[INFO]
[INFO] --- openmrs-sdk-maven-plugin:3.13.6:build (default-cli) @ standalone-pom ---

You have the following servers::
1) webservices-dev

Which one do you choose? [1]: 1

There are no watched projects for webservices-dev server.
[INFO] ------------------------------------------------------------------------
[INFO] BUILD SUCCESS
[INFO] ------------------------------------------------------------------------
[INFO] Total time:  6.446 s
[INFO] Finished at: 2020-12-06T16:30:59+01:00
[INFO] ------------------------------------------------------------------------

C:\Users\szpec>_
```