SPRAWOZDANIE

Zajęcia: Informatyczne Systemy Medyczne

Prowadzący: prof. dr hab. Vasyl Martsenyuk

Laboratorium: 2

Data: 21.10.2020

Temat: „Podstawy OpenMRS SDK"

Wariant: -

Jacek Adamczyk

Informatyka II stopień,

Stacjonarne,

2 semestr,

Gr. B

https://github.com/jacekaGIT/ATH-1g

1. Polecenia:

Zadanie 1. Zadanie dotyczy tworzenia kilka instancji serwerów OpenMRS.

Zadanie 2. Zadanie dotyczy tworzenia projektu OpenMRS z archetypu.

Zadanie 3. Zadanie dotyczy rozwijania projektu na serwerze OpenMRS.

Zadanie 4. Zadanie dotyczy budowania na serwerach OpenMRS wszystkich projektów.

References

[1] , a. Openmrs sdk - documentation - openmrs wiki.

https://wiki.openmrs.org/display/docs/OpenMRS+SDK

 (Accessed on 10/21/2020).

Preprint submitted to Elsevier October 21, 2020

[2] , b. Openmrs sdk - documentation - openmrs wiki.

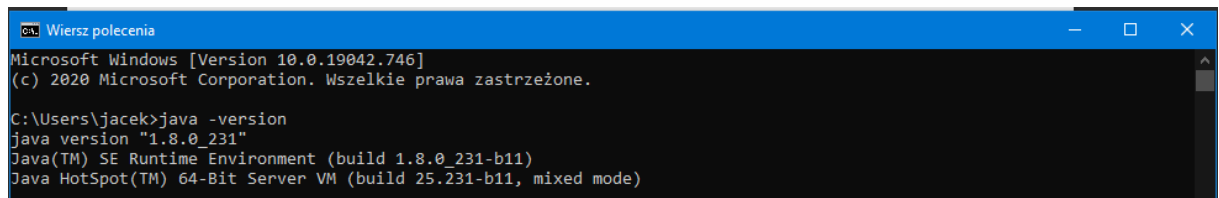https://wiki.openmrs.org/display/docs/OpenMRS+SDKOpenMRSSDK-Documentation

(Accessed on 10/21/2020).

2. Wprowadzane dane:
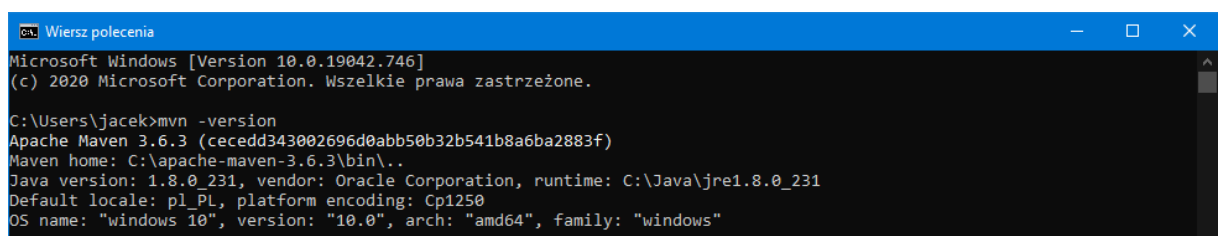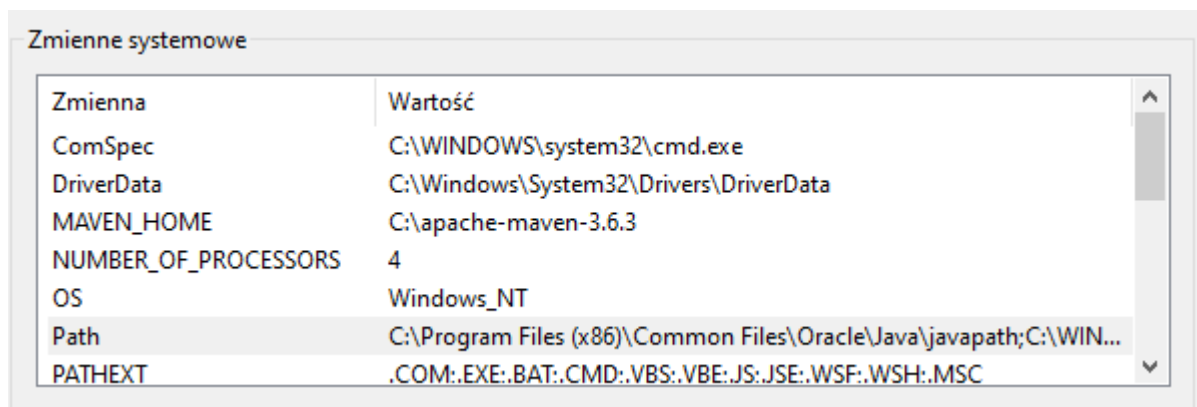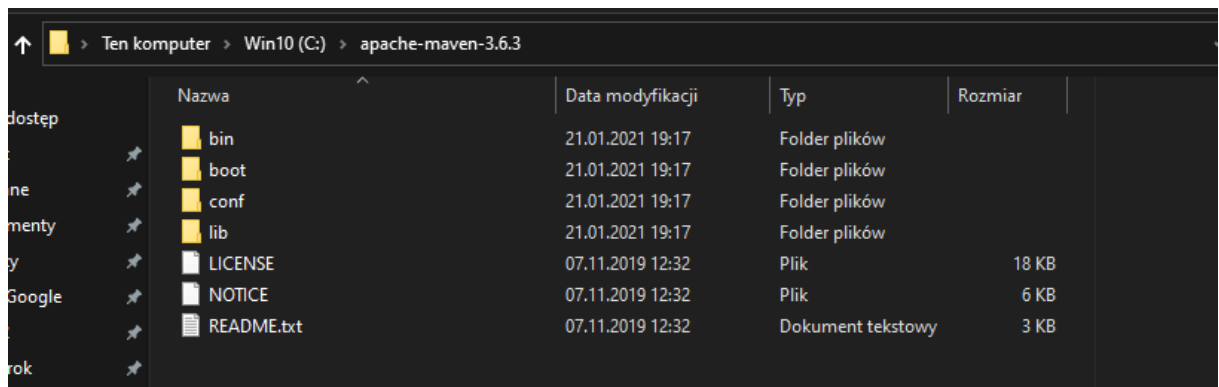
− Komedy z konsoli
− Zmienne środowiskowe
− ………..

3. Komendy, wyniki działania, zrzuty ekranu:

3.1. Sprawdzenie instalacji „Java". Instalacja „Maven". Ustawienie zmiennych środowiskowych.

3.2. Instalacja SDK.

```
mvn org.openmrs.maven.plugins:openmrs-sdk-maven-plugin:setup-sdk
```



```
mvn openmrs-sdk:help
```

3.3. Zadanie 1. Tworzenie kilku instancji serwerów.

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

```
C:\Users\jacek>mvn openmrs-sdk:setup -DserverId=webservices-dev -Dplatform=2.0.0
[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:setup (default-cli) @ standalone-pom ---

Setting up a new server...
[INFO] artifact org.openmrs.distro:platform: checking for updates from openmrs-repo
[INFO] artifact org.openmrs.distro:platform: checking for updates from openmrs-repo-thirdparty
[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
Downloaded from openmrs-repo: http://mavenrepo.openmrs.org/nexus/content/repositories/public/org/apache/maven/maven-arti
```

```
[INFO] Copying openmrs-webapp-2.0.0.war to C:\Users\jacek\openmrs\webservices-dev\openmrs-2.0.0.war

What port would you like your server to use? (default: '8080'): 8080
```

```
Which database would you like to use?:
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]:
```

```
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\jacek\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:\Java\jre1.8.0_231)
2) Other...

Which one do you choose? [1/2]:
```
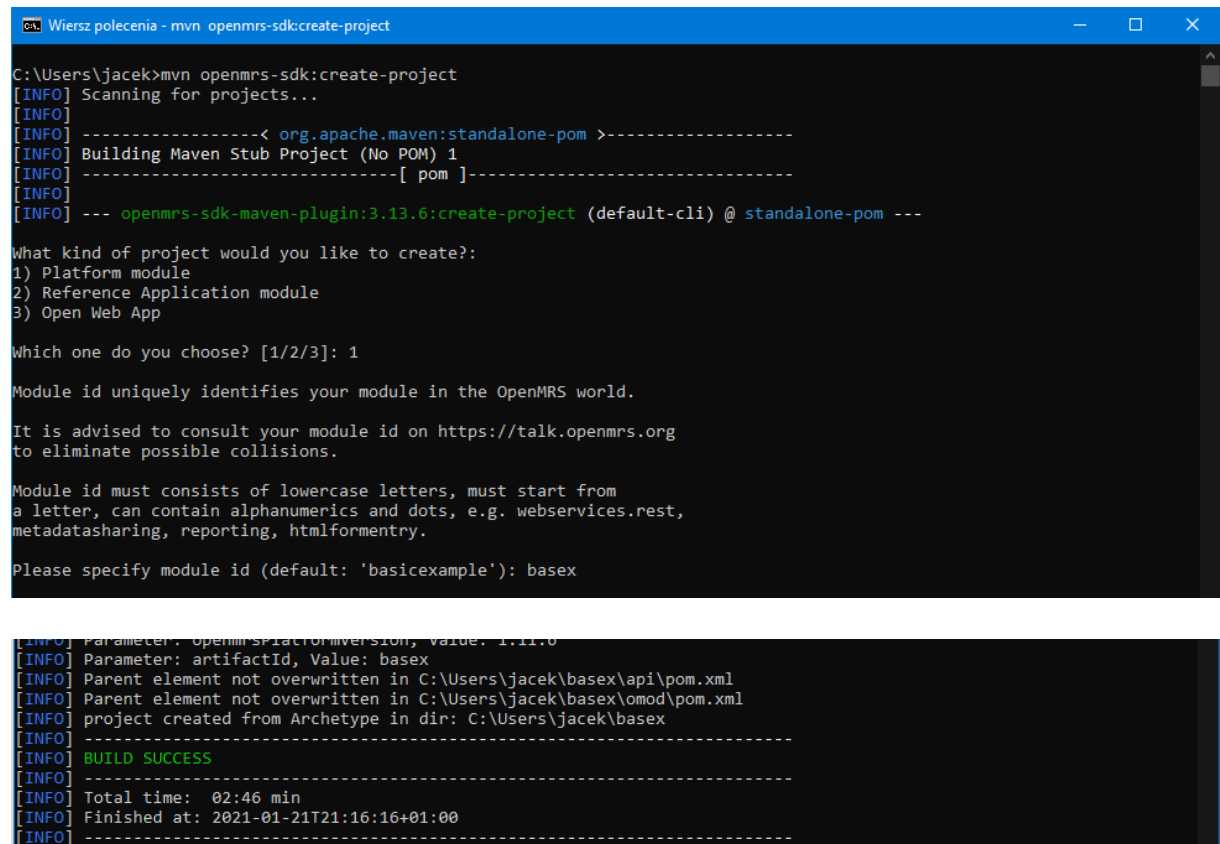
```
Which one do you choose? [1/2]: 1
[INFO] Server configured successfully, path: C:\Users\jacek\openmrs\webservices-dev
[INFO] ------------------------------------------------------------------------
[INFO] BUILD SUCCESS
[INFO] ------------------------------------------------------------------------
[INFO] Total time:  10:22 min
[INFO] Finished at: 2021-01-21T20:44:43+01:00
[INFO] ------------------------------------------------------------------------
```

```
C:\Users\jacek>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]:
```

Kilka instancji

mvn openmrs-sdk:setup -DserverId=serwer333-dev -Dplatform=2.0.0

3.4. Zadanie 2. Tworzenie projektu z archetypu.

```
mvn openmrs-sdk:create-project
```


3.5. Zadanie 3. Rozwijanie projektu.

```
mvn openmrs-sdk:deploy -DserverId=serwer333-dev
```

```
Which one do you choose? [1/2/3/4]: 4

The server currently has the OpenMRS platform in version 2.0.0 installed.

You can deploy the following versions of a platform:
1) 2.5.0-SNAPSHOT
2) 2.4.0
3) 2.3.2
4) Other...

Which one do you choose? [1/2/3/4]:
```

```
The serwer333-dev 1.0 introduces the following changes:
^ Updates openmrs-webapp 2.0.0 to 2.5.0-SNAPSHOT
+ Adds webservices.rest-omod 2.29.0
+ Adds fhir2-omod 1.1.0
+ Adds owa-omod 1.12.0

Would you like to apply those changes to 'serwer333-dev'? [Y/n]:
```

```
[INFO] Copying fhir2-omod-1.1.0.jar to C:\Users\jacek\openmrs\serwer333-dev\modules\fhir2-1.1.0.omod
[INFO] Copying owa-omod-1.12.0.jar to C:\Users\jacek\openmrs\serwer333-dev\modules\owa-1.12.0.omod
[INFO] Server upgraded successfully
[INFO] ------------------------------------------------------------------------
[INFO] BUILD SUCCESS
[INFO] ------------------------------------------------------------------------
[INFO] Total time:  06:49 min
[INFO] Finished at: 2021-01-21T21:30:28+01:00
[INFO] ------------------------------------------------------------------------
```

3.6. Budowanie projektów.

```
mvn openmrs-sdk:build
```

```
Wiersz polecenia - mvn openmrs-sdk:build                                    —   □   ×

C:\Users\jacek>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) serwer333-dev
2) webservices-dev

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

```
[INFO] ------------------------------------------------------------------------
[INFO] BUILD SUCCESS
[INFO] ------------------------------------------------------------------------
[INFO] Total time:  4.782 s
[INFO] Finished at: 2021-01-21T21:33:20+01:00
[INFO] ------------------------------------------------------------------------
```

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4. Wnioski:

Wszystkie polecenia zadania zostały wykonane pomyślnie.

End Lab