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

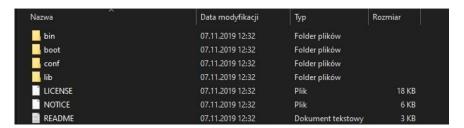
Szymon Pęczalski Informatyka II stopień, stacjonarne, 2 semestr, Gr. B https://github.com/SzPeczalski/ISM

1. Instalacja:

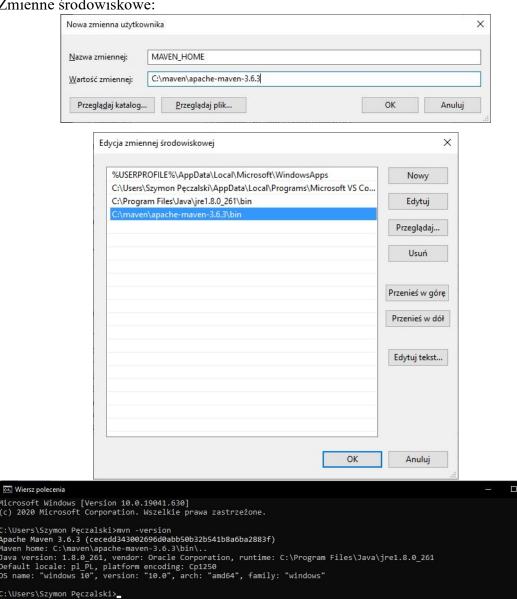
Java:

```
C:\Users\Szymon Pęczalski>java -version
java version "1.8.0_261"
Java(TM) SE Runtime Environment (build 1.8.0_261-b12)
Java HotSpot(TM) 64-Bit Server VM (build 25.261-b12, mixed mode)
```

Maven:



Zmienne środowiskowe:



Miersz polecenia

• OpenMRS SDK:

```
Ownloaded from central: https://repo.maven.apache.org/maven2/org/springframework/spring-context/2.5.6/spring-context-2.5.6.jar (477 kB at 12 kB/s)
Ownloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-artifact-manager/2.2.1/maven-artifact-manager-2.2.1.jar
   ownloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-registry/2.2.1/maven-plugin-registry-2.2.1.jar (30 kB at 777 B/s)
     ownloading from central: https://repo.maven.apache.org/maven2/backport-util-concurrent/backport-util-concurrent/3.1/backport-util-concurrent-3.1.jar
     ownloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-artifact-manager/2.2.1/maven-artifact-manager-2.2.1.jar (68 kB at 1.7 kB/s)
    ownloading from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-exec/1.3/commons-exec-1.3.jar
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Downloadded from central: https://repo.maven.apache.org/maven2/org/apache/commons-exec/1.3/commons-exec-1.3.jar (54 kB at 1.4 kB/s)
Downloadded from central: https://repo.maven.apache.org/maven2/backport-util-concurrent/backport-util-concurrent/3.1/backport-util-concurrent-3.1.jar (332 kB at 8.3 kB/s)
Downloadded from central: https://repo.maven.apache.org/maven2/org/springframework/spring-beans/2.5.6/spring-beans-2.5.6.jar (488 kB at 12 kB/s)
Downloading from jgit-repository: https://repo.eclipse.org/content/groups/releases/com/atlassian/jira/jira-rest-java-client/2.0.0-mz/jira-rest-java-client/2.0.0-mz/jira-rest-java-client/2.0.0-mz/jira-rest-java-client/2.0.0-mz/jira-rest-java-client/2.0.0-mz/jira-rest-java-client/2.0.0-mz/jira-rest-java-client/2.0.0-mz/jira-rest-java-client/2.0.0-mz/jira-rest-java-client/2.0.0-mz/jira-rest-java-client/2.0.0-mz/jira-rest-java-client/2.0.0-mz/jira-rest-java-client/2.0.0-mz/jira-rest-java-client/2.0.0-mz/jira-rest-java-client/2.0.0-mz/jira-rest-java-client/2.0.0-mz/jira-rest-java-client/2.0.0-mz/jira-rest-java-client/2.0.0-mz/jira-rest-java-client/2.0.0-mz/jira-rest-java-client/2.0.0-mz/jira-rest-java-client/2.0.0-mz/jira-rest-java-client/2.0.0-mz/jira-rest-java-client/2.0.0-mz/jira-rest-java-client/2.0.0-mz/jira-rest-java-client/2.0.0-mz/jira-rest-java-client/2.0.0-mz/jira-rest-java-client/2.0.0-mz/jira-rest-java-client/2.0.0-mz/jira-rest-java-client/2.0.0-mz/jira-rest-java-client/2.0.0-mz/jira-rest-java-client/2.0.0-mz/jira-rest-java-client/2.0.0-mz/jira-rest-java-client/2.0.0-mz/jira-rest-java-client/2.0.0-mz/jira-rest-java-client/2.0.0-mz/jira-rest-java-client/2.0.0-mz/jira-rest-java-client/2.0
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    ownloading from openmrs-repo: http://mavenrepo.openmrs.org/nexus/content/repositories/public/com/atlassian/event/atlassian-event/2.2.0/atlassian-event-2.2.0.jar
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     wnloading from openmrs-repo: http://mavenrepo.openmrs.org/nexus/content/repositories/public/org/apache/httpcomponents/httpclient-cache/4.2.1-atlassian-2/httpclient-cache/4.2.1-atlassian-2/httpclient-cache-4.2.1-atlassian-2
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    ownloading from atlassian-public: https://m2proxy.atlassian.com/repository/public/com/atlassian/event/atlassian-event/2.2.0/atlassian-event-2.2.0.jar
    ownloaded from atlassian-public: https://m2proxy.atlassian.com/repository/public/com/atlassian/sal/sal-api/2.7.0/sal-api-2.7.0.jar (39 kB at 35 kB/s)
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     ownloaded from atlassian-public: https://m2proxy.atlassian.com/repository/public/com/atlassian/httpclient/atlassian-httpclient-api/0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient-api-0.11.0/atlassian-httpclient
Jounioaded from atlassian-public: https://mzproxy.atlassian.com/repository/public/com/atlassian/httpcilent-api/e/.ebeta3-atlassian-httpcilent-api-e/.ebeta3-atlassian-itpcilent-api-e/.ebeta3-atlassian-itpcilent-api-e/.ebeta3-atlassian-public: https://mzproxy.atlassian.com/repository/public/com/atlassian/jira/jira-rest-java-client/2.0.0-mz/jira-rest-java-client-2.0.0-mz.jar (273 kB at 177 kB/s)
Downloading from atlassian-public: https://mzproxy.atlassian.com/repository/public/com/atlassian/util/concurrent/atlassian-util-concurrent/2.4.0-M9/atlassian-util-concurrent-2.4.0-M9.jar
Downloaded from atlassian-public: https://mzproxy.atlassian.com/repository/public/com/atlassian-event/2.2.0/atlassian-event-2.2.0.jar (40 kB at 24 kB/s)
Downloaded from atlassian-public: https://mzproxy.atlassian.com/repository/public/com/atlassian-event/2.4.0-beta3-atlassian-i/https://mzproxy.atlassian-1.jar (34 kB at 20 kB/s)
Downloaded from atlassian-public: https://mzproxy.atlassian.com/repository/public/org/apache/httpcomponents/httpasyncclient-cache/4.0-beta3-atlassian-1/httpasyncclient-cache-4.0-beta3-atlassian-1.jar (83 kB at 40 kB/s)
  ownloaded from atlassian-public: https://m2proxy.atlassian.com/repository/public/org/apache/httpcomponents/httpclient-cache/4.2.1-atlassian-2/httpclient-cache-4.2.1-atlassian-2.far (115 kB at 55 kB/s)
lownloaded from atlassian-public: https://m2proxy.atlassian.com/repository/public/com/atlassian/util/concurrent/atlassian-util-concurrent/2.4.0-M9/atlassian-util-concurrent-2.4.0-M9/atlassian-util-concurrent-2.4.0-M9.jar (133 kB at 58 kB/s)
     ould you be willing to help us improve SDK by sending us once in a while anonymous usage statistics (you can always change your mind by going to sdk-stats.properties and setting statsEnabled to false) [Y/n]: n
                     SDK installed successfully, settings file: C:\Users\Szymon Peczalski\.m2\settings.xml
                      Now you can use sdk: mvn openmrs-sdk:<task name>
                      BUILD SUCCESS
                      Total time: 11:29 min
                     Finished at: 2020-12-05T11:28:13+01:00
     \Windows\System32>
```

Tworzenie przez Maven:

BUILD SUCCESS

:\Users\szpec>_

INFO] Total time: 04:11 min INFO] Finished at: 2020-12-06T16:07:09+01:00

```
🕰 Administrator: Wiersz polecenia - mvn openmrs-sdk:setup -Dserverld=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
  ownloaded from central: https://repo.maven.apache.org/maven2/com/fasterxml/jackson/core/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.10/jackson-core/2.9.1
 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: openmrs-repo-thirdparty due to an error: Transfer failed for http://mavenrepo.openmrs.org/nexus/content/repositories/thirdparty/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-artifact/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
   ownloaded 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
                                                                                                                                                                                                                                                                                                            X
1) H2
2) MySQL 5.6 (requires pre-installed MySQL 5.6)
3) MySQL 5.6 in SDK docker container (requires pre-installed Docker)
3) MySQL 5.6 in SDK docker container (requires p.e. in 
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
                                                                                                                                                                                                                                                                                      22
```

1. Tworzenie kilku instancji serwerów OpenMRS:

2. Tworzenie projektu z archetypu:

3. Rozwijanie projektu na serwerze:

4. Budowanie projektów: