

Uruchomienie programu Modgraf (info zebrane)

Przygotowanie środowiska

Wymagania:

- Java 7.x+
- Git
- Maven 3.x

Budowanie Modgrafa z konsoli:

1. Pobranie repozytorium Git:

```
git clone https://github.com/duboti/modgraf.git
```

2. Budowanie za pomocą Maven 3:

```
mvn clean install
```

3. Uruchomienie programu:

```
java -jar target/modgraf-4.x-jar-with-dependencies.jar
```

Osobiście polecam polecam budowanie Modgrafa z IDE posiadającego wtyczkę do Gita i Mavena. Wtedy po pobraniu repozytorium należy:

1. Wybrać opcję Import Maven project
2. Uruchamiać za pomocą Run Java Application z ustawionym parametrem main class: modgraf.Main

Bardziej topatologicznie z użytecznymi linkami

Java JDK

<https://www.oracle.com/java/technologies/javase/javase-jdk8-downloads.html>

<https://stackoverflow.com/questions/19655184/no-compiler-is-provided-in-this-environment-perhaps-you-are-running-on-a-jre-ra>

1. Set the `JAVA_HOME` environment variable to the JDK root folder - required if you run command line or maven (`mvn`).
2. In project properties in section Java Compiler select required JDK - if you run directly from eclipse

https://mkyong.com/java/how-to-set-java_home-on-windows-10/

Git

<https://phoenixnap.com/kb/how-to-install-git-windows>

<https://git-scm.com/downloads>

Maven

<https://maven.apache.org/download.cgi>

<https://maven.apache.org/install.html>

Należy pamiętać o wskazanych zmianach w PATH

Budowanie Modgrafa z konsoli:

1. Pobranie repozytorium Git:
git clone <https://github.com/duboti/modgraf.git>

```
Git CMD
C:\Users\Ewa>git clone https://github.com/duboti/modgraf.git
Cloning into 'modgraf'...
remote: Enumerating objects: 953, done.
remote: Counting objects: 100% (1/1), done.
remote: Total 953 (delta 0), reused 0 (delta 0), pack-reused 952
Receiving objects: 100% (953/953), 2.51 MiB | 7.73 MiB/s, done.
Resolving deltas: 100% (529/529), done.
C:\Users\Ewa>
```

2. Budowanie za pomocą Maven:
mvn clean install
(wywołane z folderu modgraf
utworzonego przez GIT)

```
Command Prompt
C:\Users\Ewa>cd modgraf
C:\Users\Ewa\modgraf>mvn clean install
[INFO] Scanning for projects...
[INFO] -----< modgraf:modgraf >-----
[INFO] Building modgraf 4.1
[INFO] -----[ jar ]-----
[INFO] --- maven-clean-plugin:2.5:clean (default-clean) @ modgraf ---
[INFO] Deleting C:\Users\Ewa\modgraf\target
[INFO] --- maven-resources-plugin:2.6:resources (default-resources) @ modgraf ---
[WARNING] Using platform encoding (Cp1252 actually) to copy filtered resources, i.e. build is platform dependent!
[INFO] Copying 19 resources
[INFO] --- maven-compiler-plugin:3.1:compile (default-compile) @ modgraf ---
[INFO] Changes detected - recompiling the module!
[INFO] Compiling 75 source files to C:\Users\Ewa\modgraf\target\classes
[INFO] --- maven-resources-plugin:2.6:testResources (default-testResources) @ modgraf ---
[WARNING] Using platform encoding (Cp1252 actually) to copy filtered resources, i.e. build is platform dependent!
[INFO] --- maven-jar-plugin:2.4:jar (default-jar) @ modgraf ---
[INFO] Building jar: C:\Users\Ewa\modgraf\target\modgraf-4.1-jar-with-dependencies.jar
[INFO] Installing C:\Users\Ewa\modgraf\target\modgraf-4.1-jar-with-dependencies.jar to C:\Users\Ewa\.m2\repository\modgraf\modgraf\4.1\modgraf-4.1-jar-with-dependencies.jar
[INFO] Installing C:\Users\Ewa\modgraf\pom.xml to C:\Users\Ewa\.m2\repository\modgraf\modgraf\4.1\modgraf-4.1.pom
[INFO] Installing C:\Users\Ewa\modgraf\target\modgraf-4.1-jar-with-dependencies.jar to C:\Users\Ewa\.m2\repository\modgraf\modgraf\4.1\modgraf-4.1-jar-with-dependencies.jar
[INFO] BUILD SUCCESS
[INFO] Total time: 28.215 s
[INFO] Finished at: 2021-05-08T00:43:33+02:00
[INFO] -----
```

3. Uruchomienie programu:

```
C:\Users\Ewa>java -jar target\modgraf-4.1-jar-with-dependencies.jar
```

```
java -jar target\modgraf-4.1-jar-with-dependencies.jar
```