

README

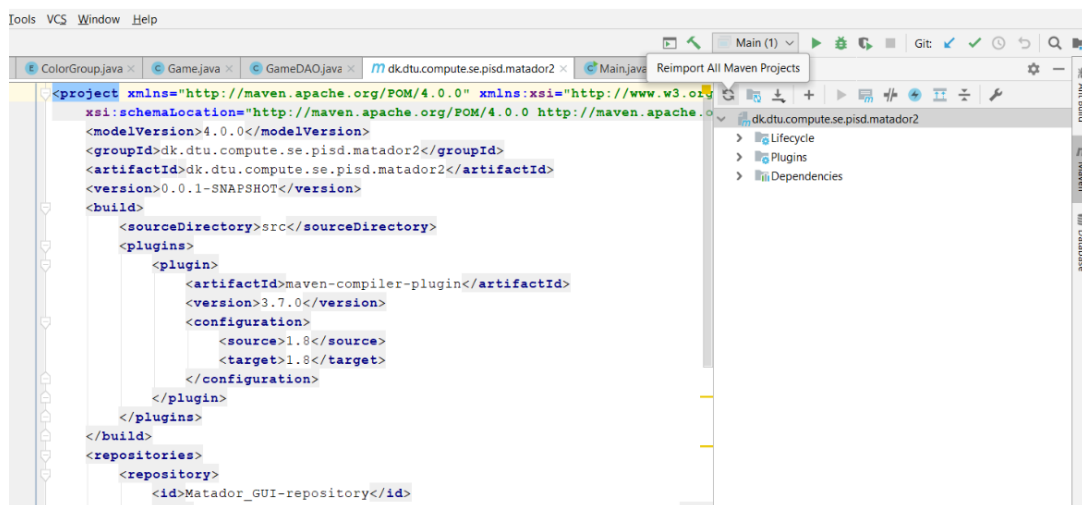
This project is a software implementation of the Danish board game “Matador”, as a project for the class 02362 - *Project In Software Development* at DTU. All the rules and features of the original boardgame have been sought implemented with the feature of being able to save a running game in a database and start the game up again at another time.

Run as JAR

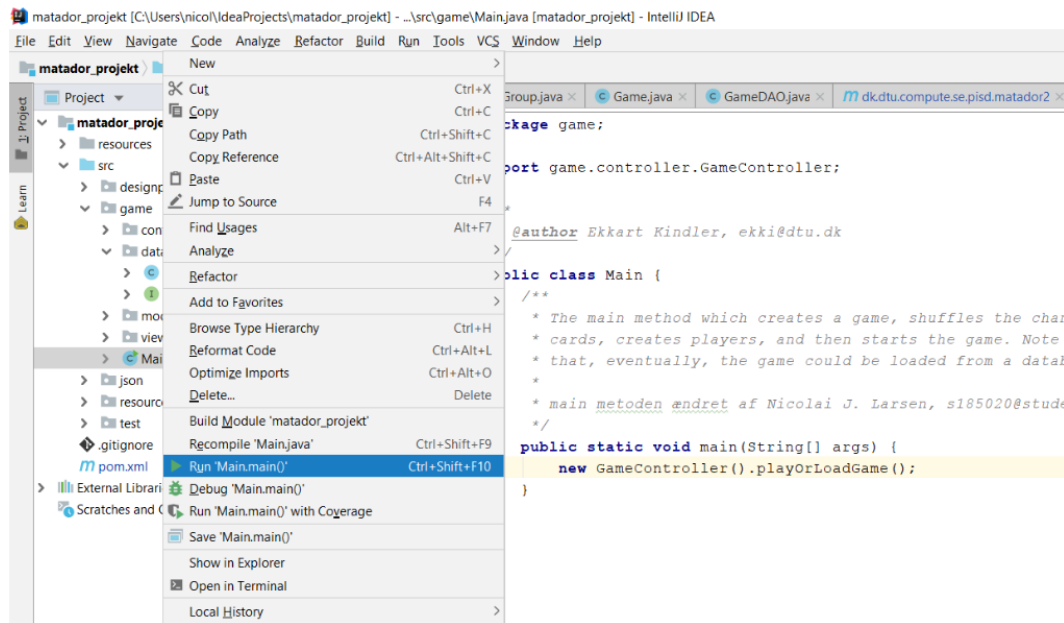
To run the software as a JAR-file, simply double-click the file “Matador.bat”. Note that this will open the software and immediately close the command prompt. If you wish to see the command prompt while using the software, open the command prompt and open the JAR-file with “java -jar [directory to jar-file here]”.

Run in IntelliJ

To run the software in IntelliJ, first open the pom-file in the project root with IntelliJ, and choose *open as project*. The project will now be built as a Maven project. All Maven dependencies needs to be imported before the code can be compiled. Press the button *Reimport All Maven Projects* – see the picture below.



This will download the jar-files needed to run the code. Then right click on the class *Main*, and click on *Run Main.main()* to run the main method – see picture below.



Database connection

The project uses a database for saving and loading games.

Connecting to a private database

It's very easy to change the configurations of the software to connect to a desired database.

Within the directory *src* the subdirectory *game* is located. Within this subdirectory, the subdirectory *database* is located and within this is the class *GameDAO*.

To change the database settings, open the class and change the three strings *URL*, *USER* and *PASSWORD*, so they match the desired database. The three strings are used as an argument for the connection to the database in the method *getConnection*.

Connecting to a local database

To connect to a local database insert the following string instead of the current URL:

```
"jdbc:mysql://" + HOST + ":" + PORT + "/" + DATABASE + "?serverTimezone=UTC"
```

Instead of HOST, PORT and DATABASE write the desired destination, e.g.:

```
"jdbc:mysql://" + "localhost" + ":" + "3306" + "/" + "nicolai" + "?serverTimezone=UTC".
```

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