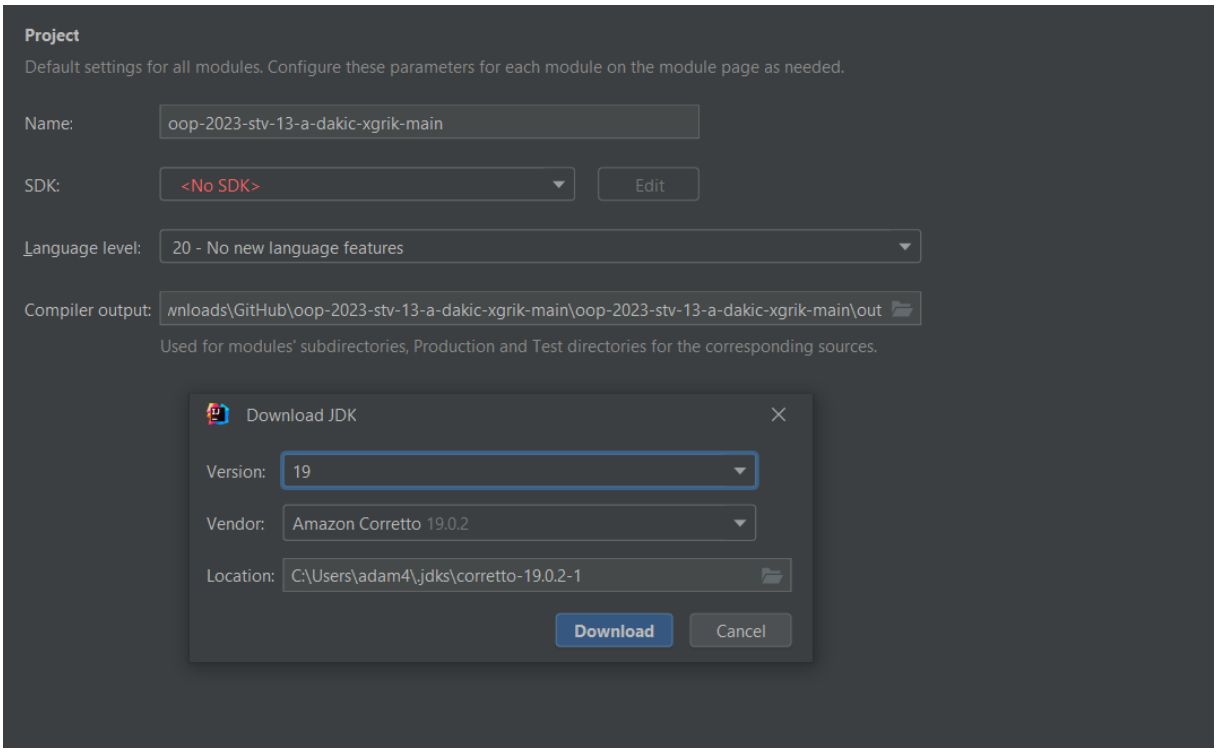
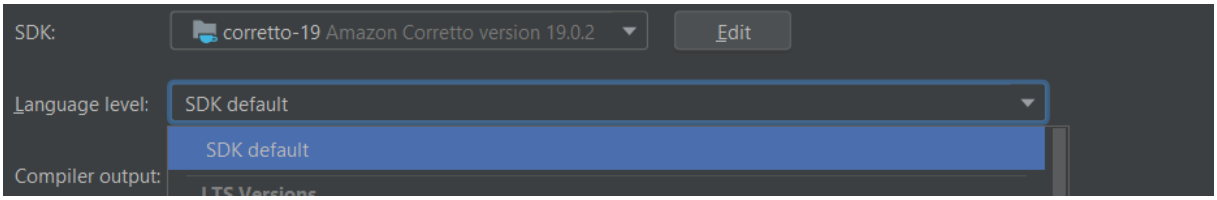
Tutorial on how to run a project in Intellij, Eclipse and also how to run a JAR file from the command line.

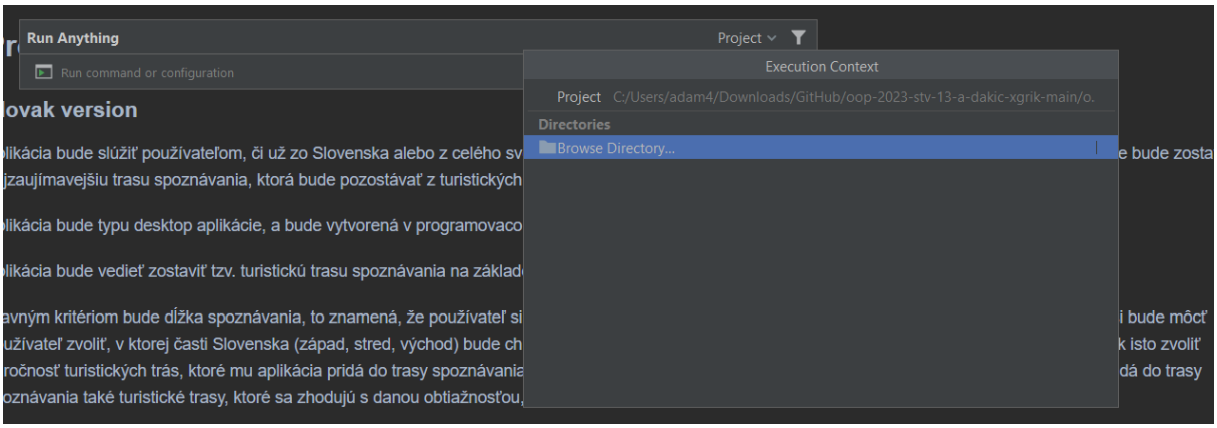
IntelliJ IDEA:

1. First you have to define the Java SDK in the *Project Structure*. Java SDK must be 19. For example Amazon Corretto version 19. Language level SKD default.

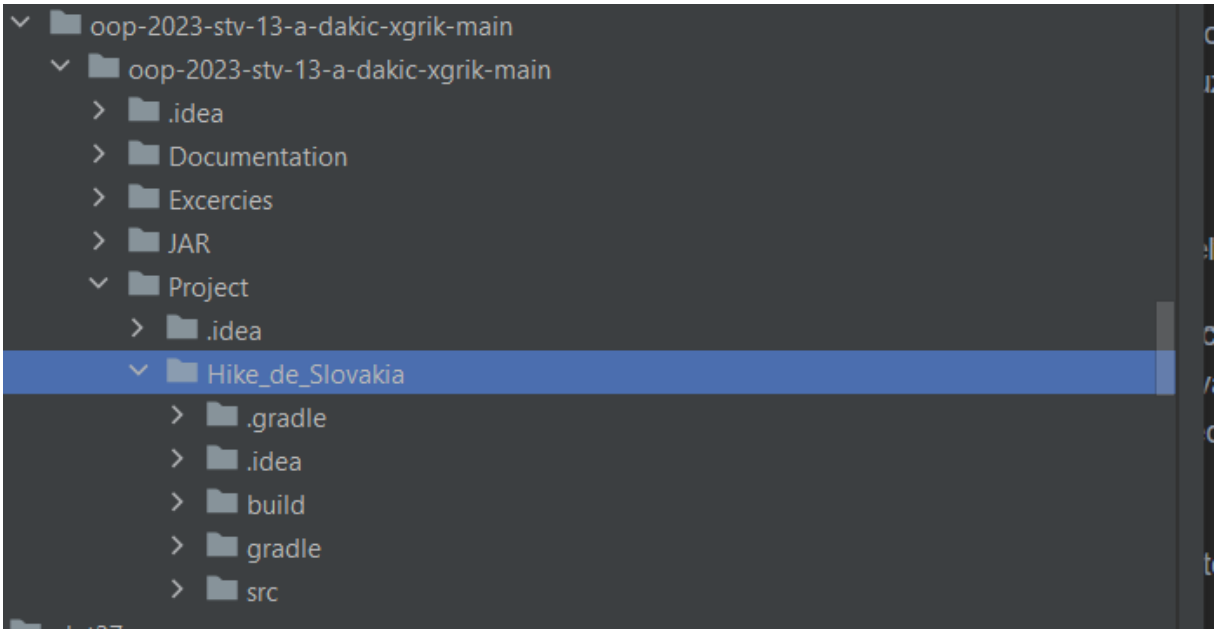




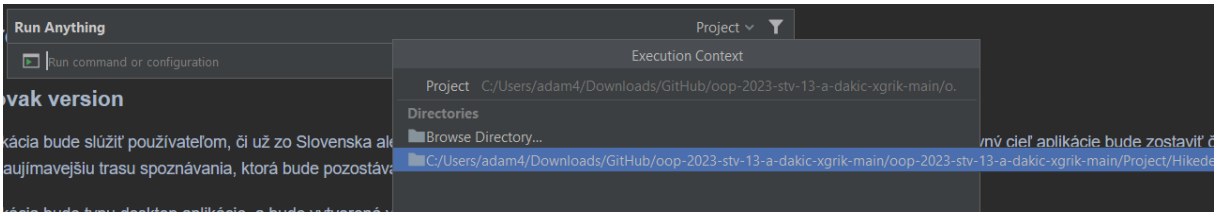
2. Then you have to open *Run Command* in IntelliJ (double click on left CTRL). And click on Project in the right upper corner.



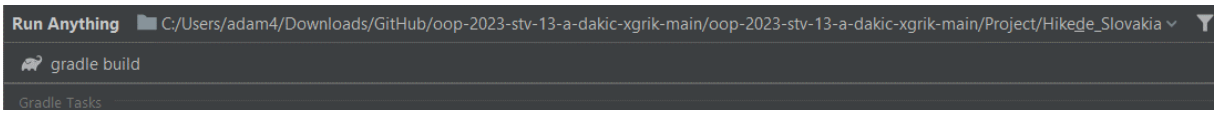
3. Go into project folder *Hike_de_Slovakia.* Because in this folder is file called *build.gradle,* and when you will run gradle commands only in the main GitHub folder, gradle commands will **not** working. You have to be in project folder *Hike_de_Slovakia.*



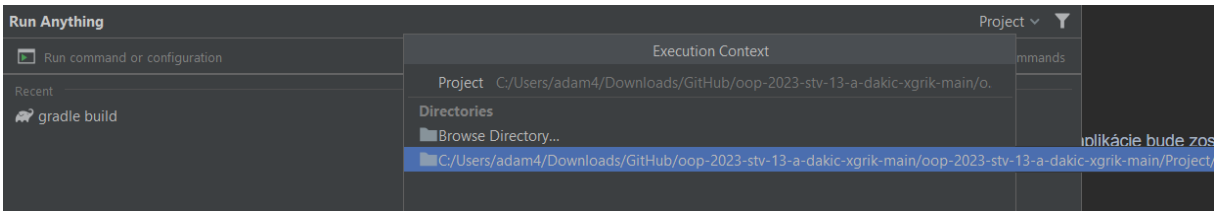
4. Then Run Command again and choose the project folder.



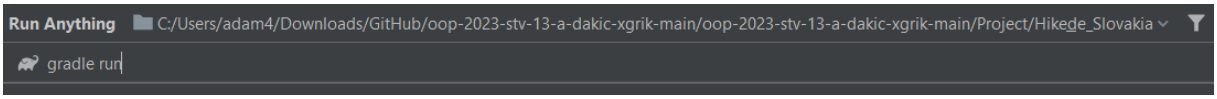
5. And run command **gradle build**



6. When this command finnish open Run Command again, and again choose the project folder *Hike_de_Slovakia.*

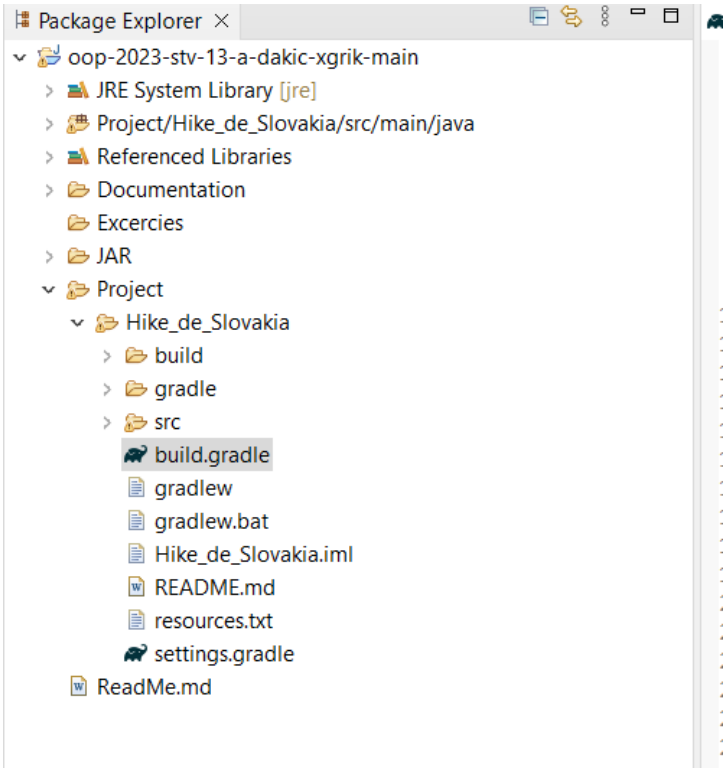


7. And at the end write command **gradle run**, and the application will start.

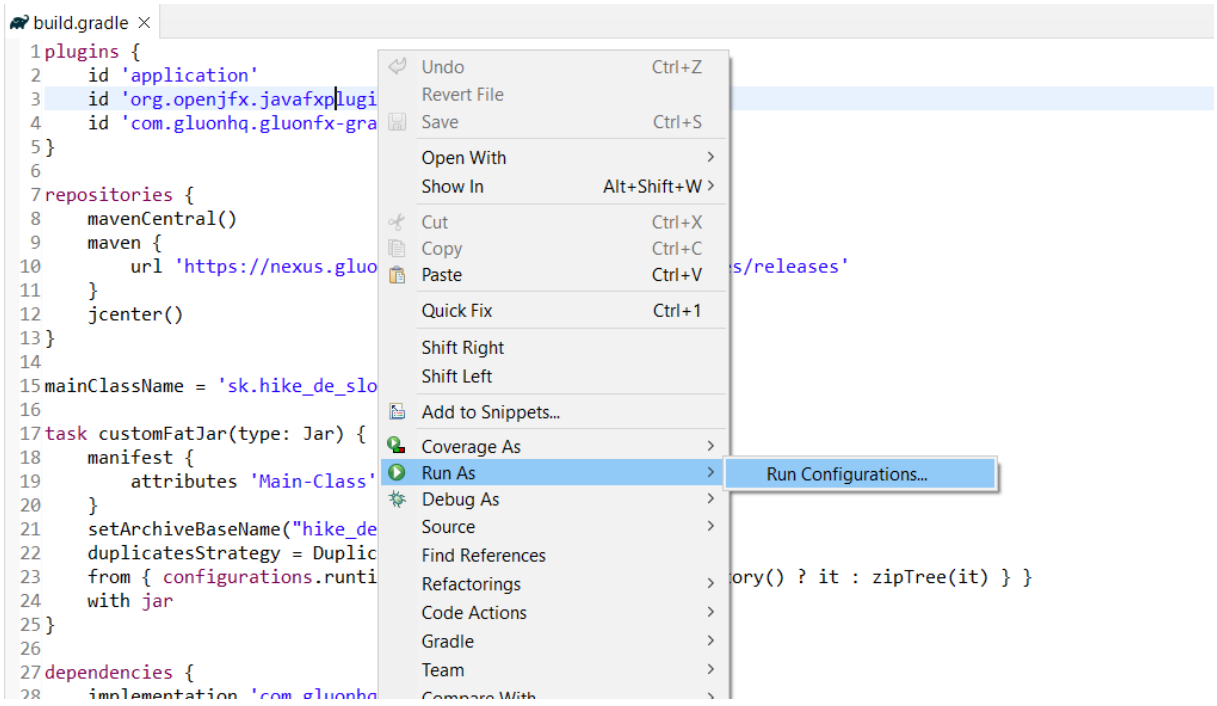


Eclipse

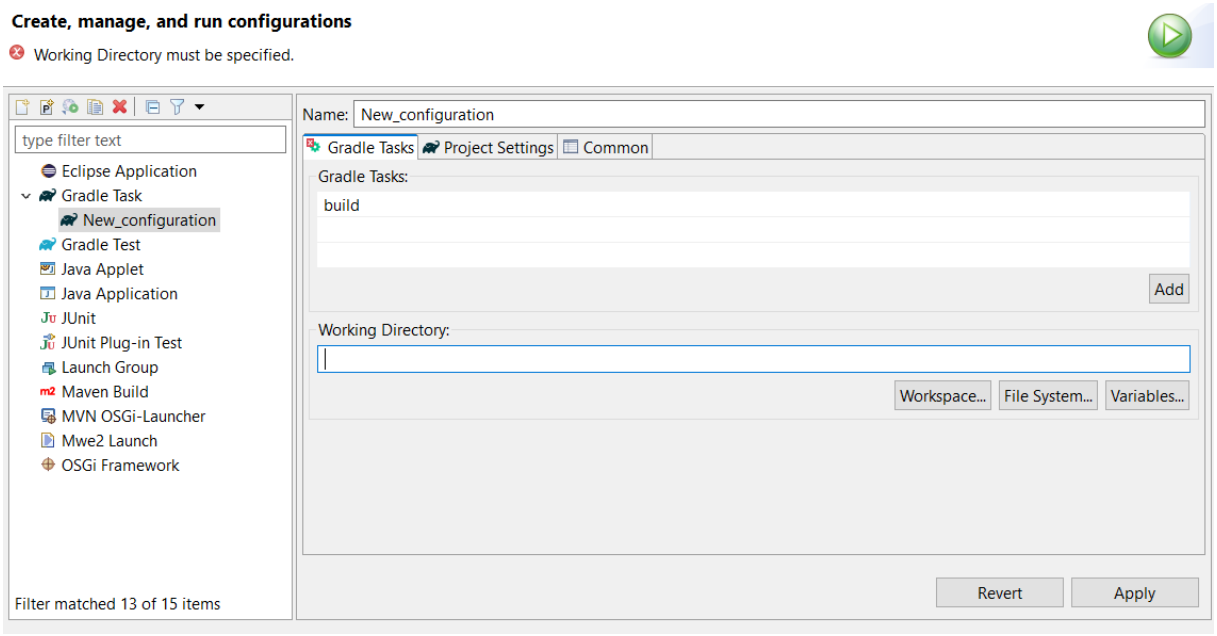
1. First you have to go into *build.gradle* file.



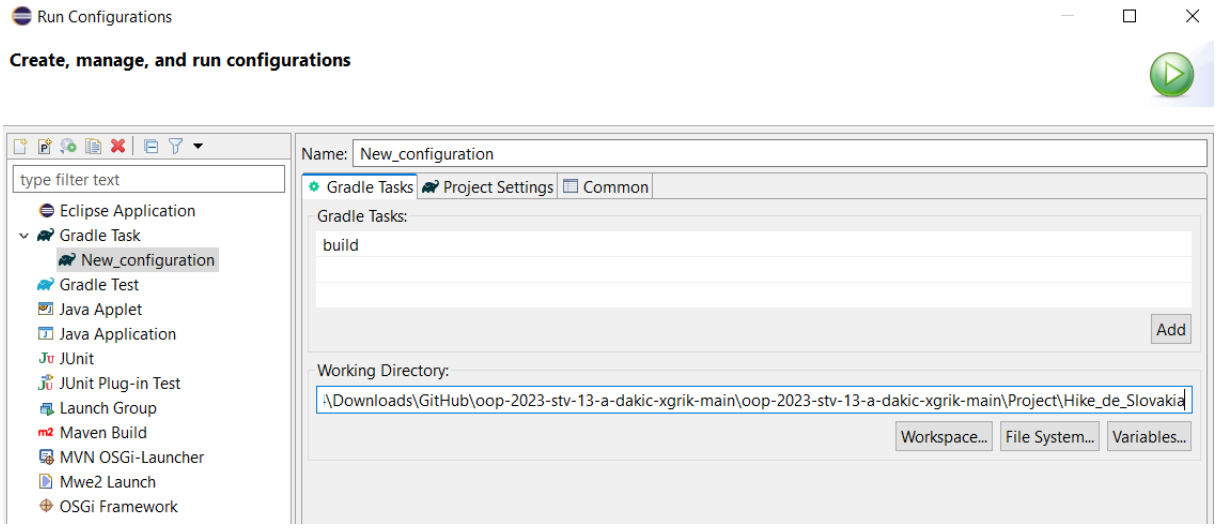
2. Then you have to do right click with mouse and go to the *Run Configurations*.



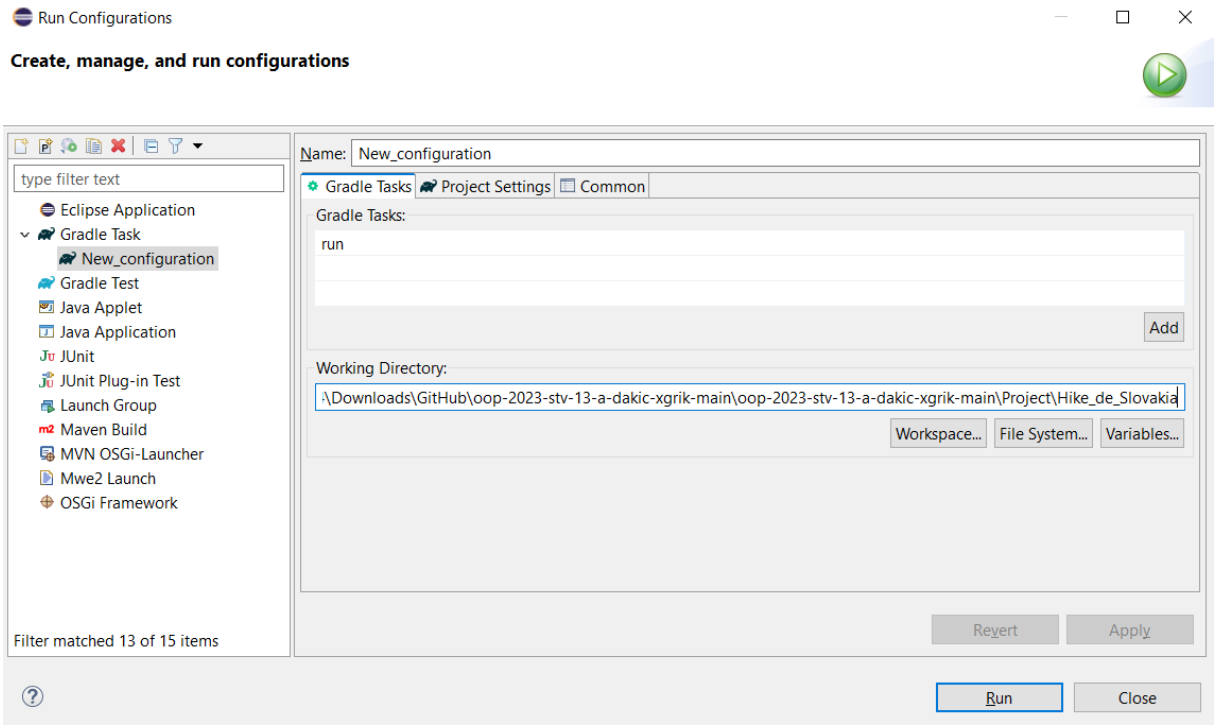
3. In this window you have to choose Gradle Task



4. Write build into Gradle tasks, and also you have to choose working directory, it is again project folder **Hike_de_Slovakia,** because in that folder is file named *build.gradle*. And click on the Run.



5. After the build task finnished. Again open Run Configurations. And replaced task build with run task. Check if working directory is folder **Hike_de_Slovakia,** and click Run. And then the application will start.



Run JAR file from command line

1. First check if version of Java in your computer is at least 19.

```
C:\Users\adam4>java --version
java 19 2022-09-20
Java(TM) SE Runtime Environment (build 19+36-2238)
Java HotSpot(TM) 64-Bit Server VM (build 19+36-2238, mixed mode, sharing)
```

2. Then write one command line.

```
C:\Users\adam4>java --module-path C:\Users\adam4\Downloads\GitHub\oop-2023-stv-13-a-dakic-xgrik-main\oop-2023-stv-13-a-d
akic-xgrik-main\JAR\javafx-sdk-19.0.2.1\lib --add-modules javafx.controls,javafx.fxml -jar C:\Users\adam4\Downloads\GitH
ub\oop-2023-stv-13-a-dakic-xgrik-main\oop-2023-stv-13-a-dakic-xgrik-main\JAR\hike_de_slovakia.jar
```

Command line:

java --module-path <absolute path into javafx sdk 19 library> --add-modules javafx.controls,javafx.fxml -jar <absolute path of the JAR file from repositary>

Javafx SDK 19 library is also in my repo folder JAR. So you can copy absolute path from that folder: