

Getting an app

The simplest way to get our application is to download JAR file app.jar, which includes all dependencies, and run it using command:

```
java -jar app.jar
```

Requirements

The app should run on every system where Oracle's JRE/JDK is installed. It does not, however, run on systems with OpenJDK, as that implementation does not contain `javafx` library.

Compiling from source

If you want to build the app on your own, the following libraries should be included:

- jfoenix
- javax.json
- javafx-autocomplete-field

All of the above can be downloaded from the github page of the project in form of the JAR files. Setting up the app can be done using any IDE of preference or by sequence of commands:

Linux

```
mkdir out
javac -classpath javafx-autocomplete-field-1.0.jar:javax.json-1.0.4.jar:jfoenix.jar -d out src/idthifi/
cp -r src/idthifi/assets src/idthifi/App.css out/idthifi
java -classpath javafx-autocomplete-field-1.0.jar:javax.json-1.0.4.jar:jfoenix.jar:out idthifi.Main
```

Windows

```
mkdir out
javac -classpath javafx-autocomplete-field-1.0.jar;javax.json-1.0.4.jar;jfoenix.jar -d out src/idthifi/
xcopy src\idthifi\assets out\idthifi
copy src\idthifi\App.css out\idthifi\assets\
java -classpath javafx-autocomplete-field-1.0.jar;javax.json-1.0.4.jar;jfoenix.jar:out idthifi.Main
```

Credits

In our work we have used following APIs: - Dark Sky API - for weather data - Google Maps Geocoding API - for converting addresses into geographic coordinates

We have also used following libraries: - jfoenix - javax.json - javafx-autocomplete-field