

Description

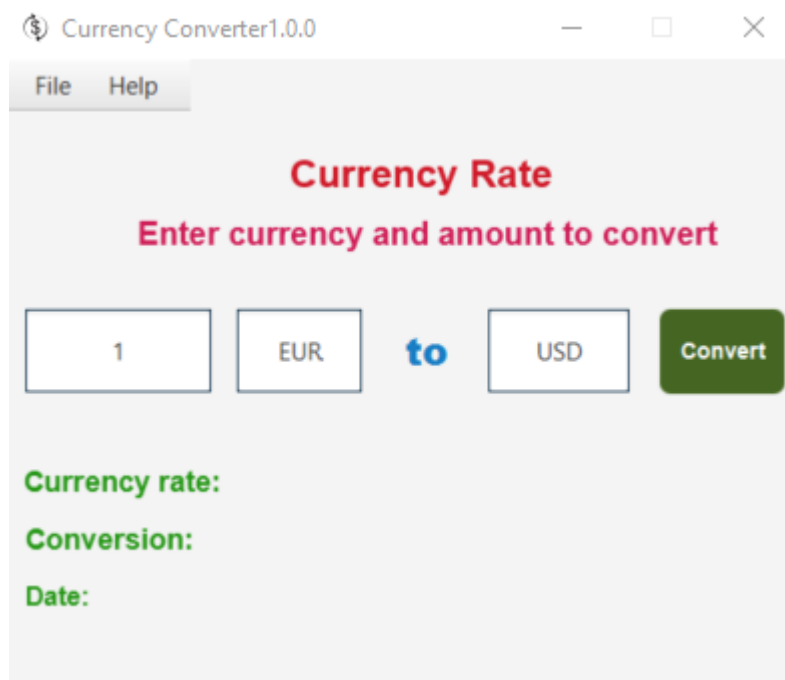
This is an GUI Application (JavaFX based) to convert the currency rate.

Abbreviations

Abbreviation	Description
GUI	G raphical U ser I nterface
HTML	H yper T ext M arkup L anguage
JDK	J ava D evelopment K it
JRE	J ava R untime E nvironment

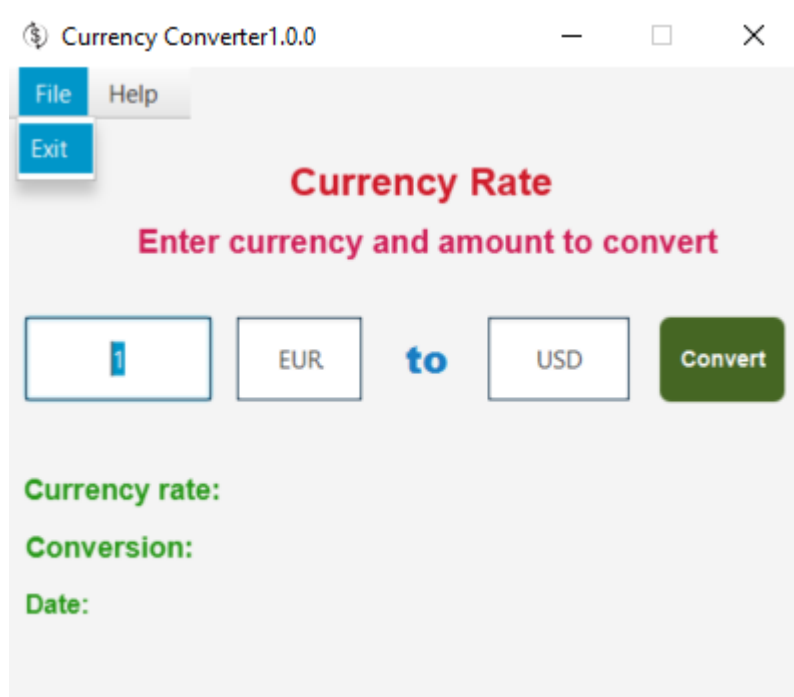
How to run the tool

It is running via GUI.

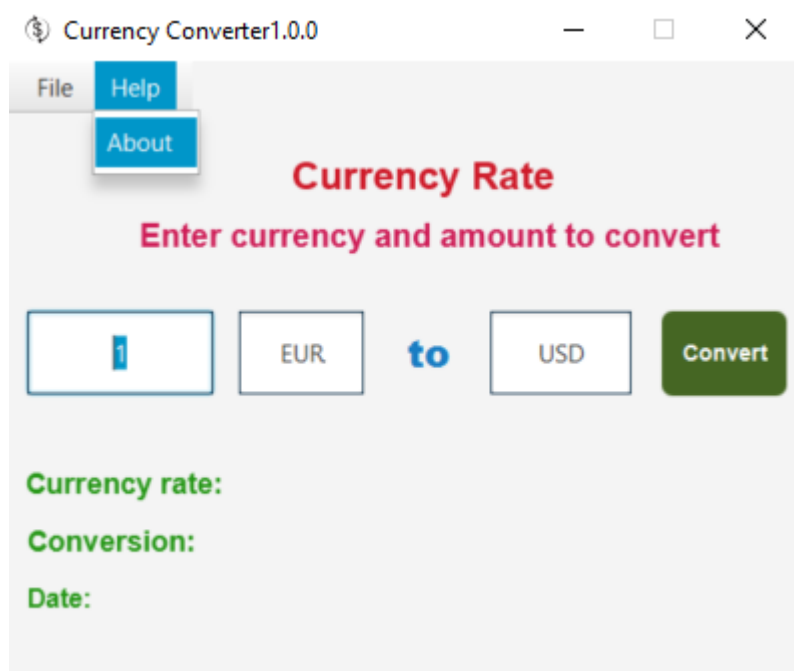


The application also has a menu bar with two options, File and Help.

If you pressed the file option, you have the possibility to exit from application.



If you pressed the help option, you have the possibility to open the application documentation in browser.



Output of application

The application generate a report html. This report contains the status of currency conversion. Below is attached the structure of generated html report.

CONVERSION STATUS	
GENERATED TODAY: AUGUST 6, 2023 AT 15:54:28	
CONVERSION DATE: 2023-08-06 15:51:39.274	
THE STARTING CURRENCY VALUE: 1.0	
DEPARTURE CURRENCY: EUR	
ARRIVAL CURRENCY VALUE: 1.1764705882352942	
ARRIVAL CURRENCY: USD	
CONVERSION VALUE: 1.1764705882352942	
DEVELOPED BY ANDREEA DRAGHICI	

Limitations

- The initial implementation has the hardcoded exchange rates instead of making an API call.

Technical aspects

- Running using JDK and JRE 1.8.
- Running using GUI functionality.

History

- Version 1.0.0 - Initial version of application (GUI app, currency conversion, html report generation, menu bar).