

BMP-Transformation-Tool

Description

The BMP-Transformation-Tool – available as a binary file for Linux x86/64 machines - can rotate a given BMP-File clockwise or counter clockwise by 90 degrees. The argument used is the file which is to be rotated, with an optional parameter to define the direction of the rotation (clockwise or counter-clockwise).

The output of the tool is hard-coded. The tool will create a file „output.bmp“ in the same folder it is executed.

How to execute:

```
Transformation.exe <path_to_bmp> [without argument = clockwise rotation | 1 = counter clockwise rotation]
```

e.g.:

```
Transformation.exe sample.bmp 1 // rotate counter clockwise
```

```
Transformation.exe sample.bmp // rotate clockwise
```

Tasks

Testing

Automated tests

The goal of this task is to test the given program for the described features and check for its correct functionality.

The test shall be done automatically. This means some program / application must start the application providing some input data and of course perform an analysis of the output file.

Test Report

Finally the test program shall create a rudimentary test report (short list / table) showing the executed tests and the results of those tests (pass / fail).