

Advanced Software Technology

Exercise 02

Documentation

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1 DOCUMENTATION

1.1 COMPONENTS

The application consists of one window showing two 300x300 images to the right and some controls on the left.

The application is shown in figure 0.1.

Each color channel is represented by a label, a text field and a slider. There are three color channels represented: red, green and blue.

Below those controls there are two radio buttons for choosing either the left or the right image.

1.2 USAGE

1.2.1 CHANGING COLORS BY USING SLIDERS

Depending on the selected Image (radio buttons) moving a slider results in changing the color of the chosen image.

Moving the red slider will effect only the amount of red in the image's color, the green slider will only effect the green color and the blue slider only the blue color.

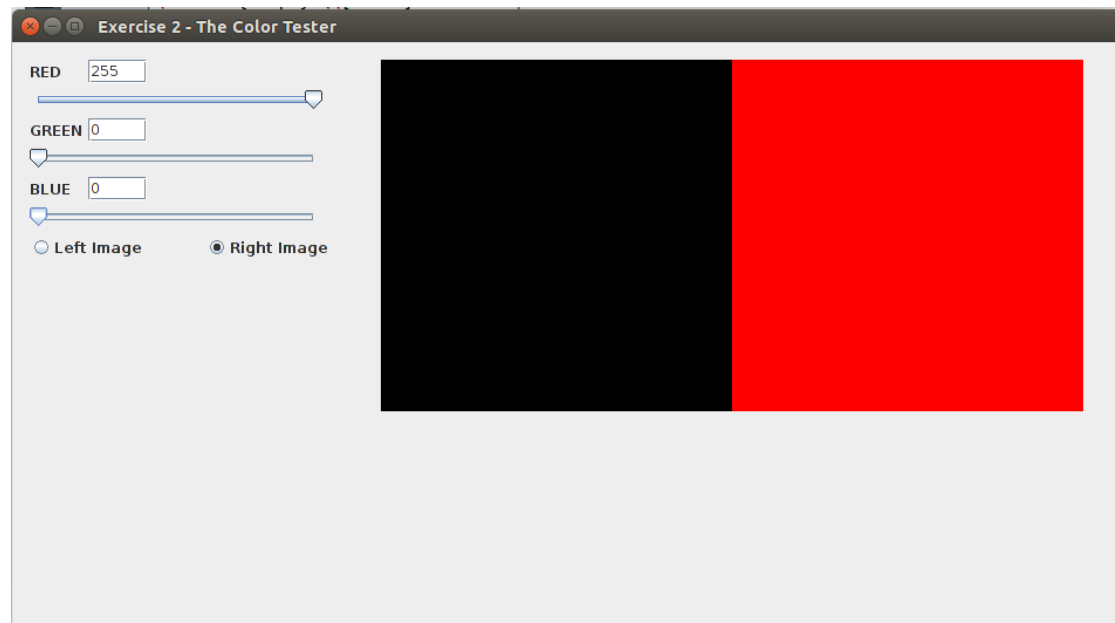


Figure 1.1: Screen shot of GUI

1.2.2 CHANGING COLORS BY USING TEXT FIELDS

Next to using the sliders the color values can also be set directly by typing the wanted value into the according text fields.

1.2.3 CHANGING THE SELECTED IMAGE

To display and change the color of the right image the radio button "Right Image" has to be selected. Every change using the controls will now affect only the right image. To change the color of the left image the left radio button has to be selected.