

User Manual

TDDT

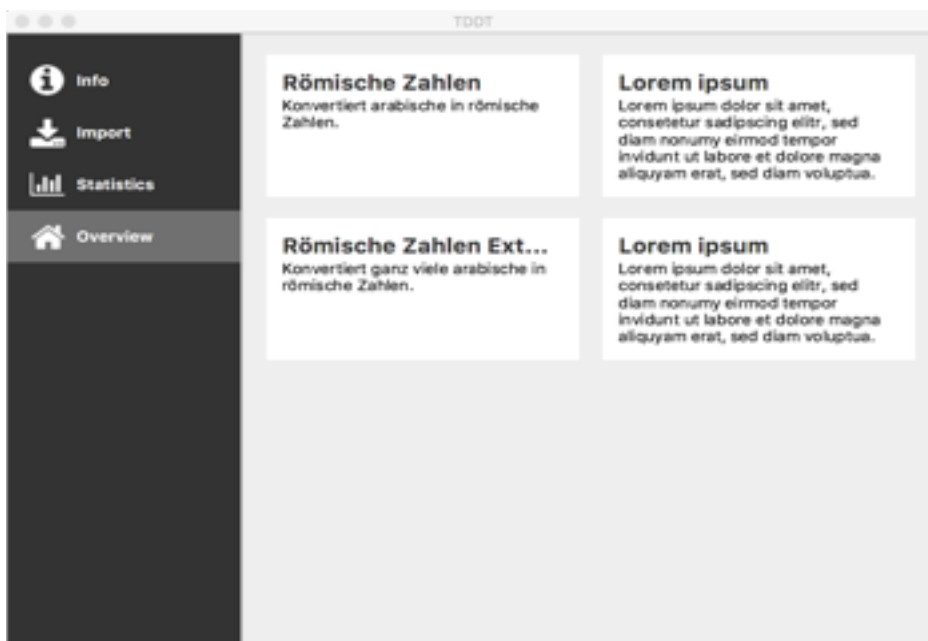
Version 1.0

To begin with, instructions on how to properly install, start and run the application, can be found in the “README.md” file. After starting the application, the following Menu will show up:



Then, you should be able to drag and drop a XML-file into the corresponding field. This field is marked like the one on the picture above. When everything worked out perfectly, you should get the following screen:

(For this showcase, an example has been imported)



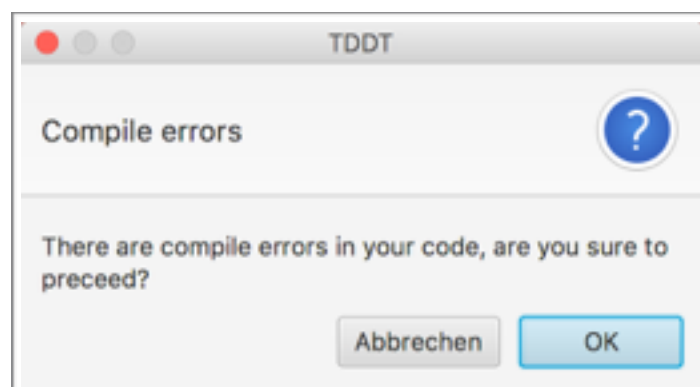
Now, you are able to select one of the tasks, the teacher provides you with. After clicking on one of these tasks, you should get the following view:



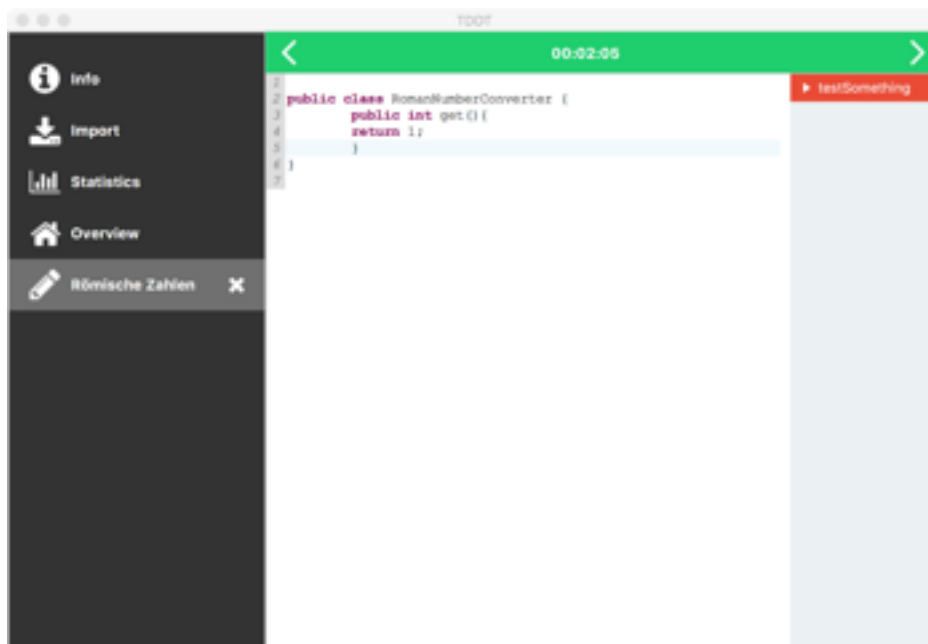
Now, you can start writing your application. First, there is the phase called „RED“. In this phase, you should write exactly ONE failing test. Please keep in mind that most of the tasks have a time-limit. This is shown on the top bar.

After writing a test that fails, please click on the upper-right arrow that points you to the next phase of the cycle. (Blue circle)

If there is a window with the following message, please click on „OK“. You will be directed to the next phase called „GREEN“.

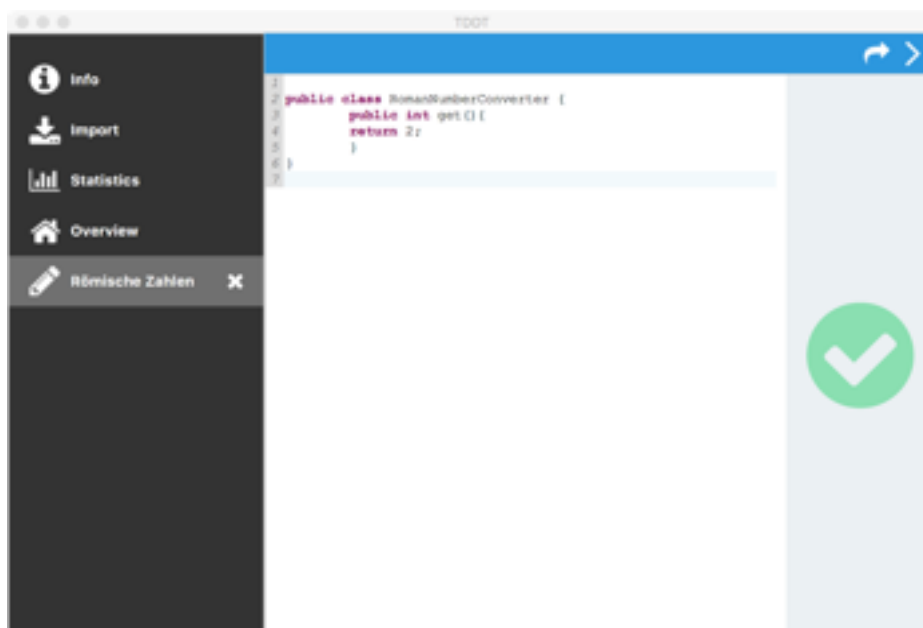


Now, you should see the following window:



In this mode, you need to write code, so that the test that you have written beforehand works. If you want to go back to the previous phase, simply hit the arrow at the top left corner of the editing window. Please keep in mind, that this phase, most often, also has a time limit, set by the teacher.

When you are done editing your code, hit the arrow in the top right corner to proceed to the next phase. Your code will be tested and compiled as soon as you hit that arrow-button.



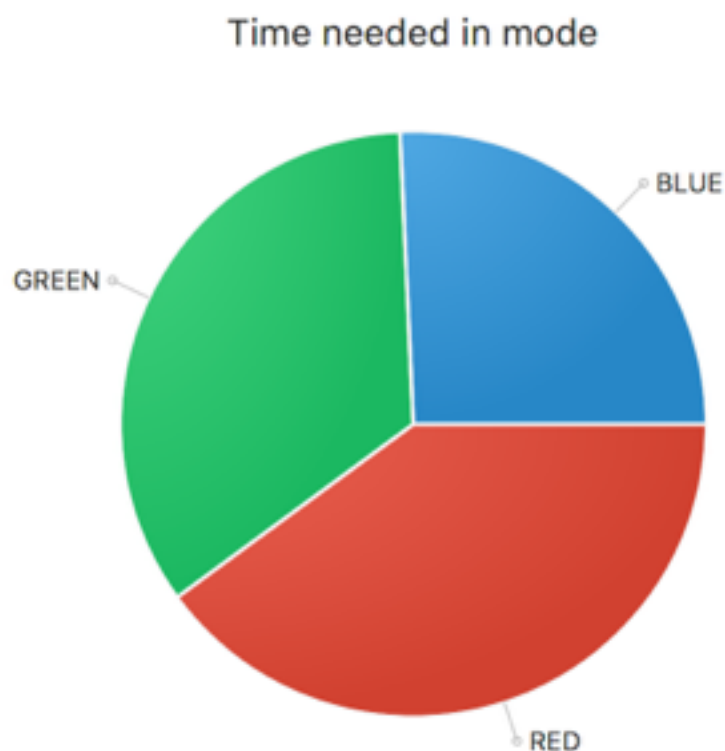
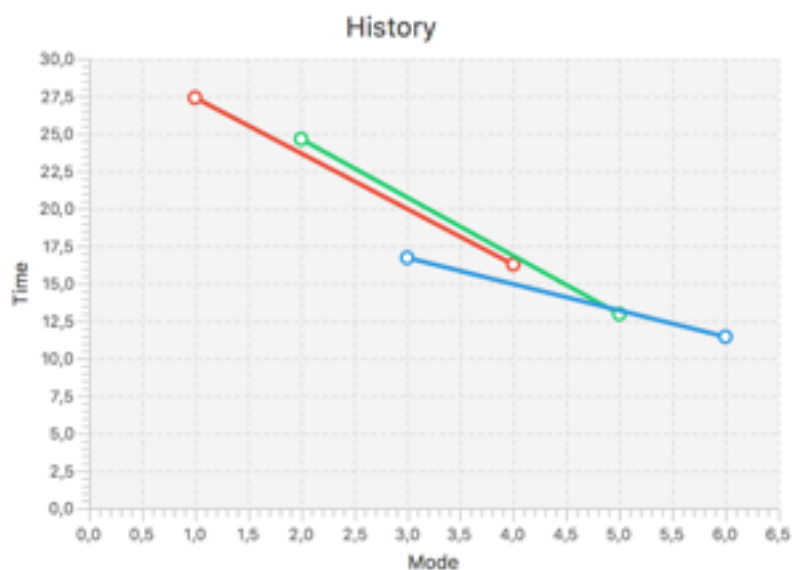
If your code passes all the tests, you will get to the next stage of the cycle called „**REFACTOR**“. In „**REFACTOR**“, you are able to improve your code. There is no time-limit in this phase. When you are done editing and improving your code, click on the top-right arrow-button. Now, you completed one whole cycle.

The arrow next to the Confirm-Button lets you export your code. The program will give you your tests and code as a java-file and save it at your desired location.

Now, the cycle starts again with „**RED**“, followed by „**GREEN**“ and probably ends in „**REFACTOR**“. You can decide, when you are finished with your exercise.

On the left Sidebar, when clicking on “Statistics”, you can see how much time you spend on the different phases.

Then, the following two diagrams are shown:



The first graph shows every cycle independently, whereas the second one shows the absolute amount of time.