

TDDT Manual

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Contents

1	Introduction	1
2	Getting Started	1
3	For teachers/tutors	2
3.1	How to add your own exercises to the software	2
3.2	Extensions	2
3.2.1	Babysteps	2
3.2.2	Tracking	2
3.2.3	Medals	2
3.2.4	FinalTests	2
4	For students	2
4.1	Startup-Notification	2
4.2	Startup-Menu	2
4.3	New Profile	2
4.4	Profile-Menu	2
4.5	Exercise-Menu	3
4.6	Achievements/Medals	3
4.7	The Exercise	3

1 Introduction

The following pages contain a detailed description on how to use the TDD-Trainer. Note that there are mainly 2 sections, one for teachers/tutors and another one for students.

2 Getting Started

If you haven't compiled the software yet or need an executable build, refer to our readme. This manual is assuming that TDDT is running on your platform.

3 For students

The following section is for students. It describes how to use the program properly and explains how the different features are used.

3.1 Startup-Notification

The first thing you will encounter when starting our application is an educational info panel, displaying important information about TDD to you. Even if you already are an experienced developer there might be some new facts for you.

3.2 Startup-Menu

After you closed down the startup-notification you will get into the Startup-Menu. If this is your first usage of the TDDT you might want to create a new profile. If you already have a profile or you just created one, you can go ahead and begin your training.

3.3 New Profile

If you choose to create a new profile, you just got to enter your name and upload a picture. As your profile picture is only allowed to be of a certain size, you might use the provided tool to get your image to the required measurement.

3.4 Profile-Menu

After you have chosen your profile, you end up in the profile menu, where you can either go directly to the exercises, or you check out your statistics. If this is your first start of the program, you might as well just start an exercise, as there are no statistics to show.

3.5 Exercise-Menu

When you choose to start an exercise you end up in this menu, here you can pick one of the various exercises and see which medals you already earned on each one. The rest is self-explanatory. Pick an exercise and start!

3.6 Achievements/Medals

In order to keep the motivation high no matter how dull an exercise seems you have the opportunity to collect medals on each exercise. The software tracks the total time you need to clear the exercise. If you perform especially well you will earn a medal. Your medal progress can be tracked on your profile page. There are three regular medals: bronze, silver and gold. In addition there is the author medal which will only be awarded to the fastest TD-developers out there. Earn your place amongst the programming elite!

3.7 The Exercise

4 For teachers/tutors

The following section is for teachers and tutors only, as it describes how to write more exercises for the program, as well as how to implement them.

4.1 How to add your own exercises to the software

To add your own exercise to the program, you have to create a proper xml-file and simply add it to the exercise folder. It will automatically get implemented in the software.

4.2 Extensions

4.2.1 Babysteps

4.2.2 Tracking

4.2.3 Medals

4.2.4 FinalTests