INTERNATIONAL UNIVERSITY OF SARAJEVO

CS103 Project Report
CodeLab Notes
code-editor

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Abstract

This is a *brief* project report for CS103. This report will go over basic information of the program talking about its functionalities and abilities as a code editor, furthermore it will go over who went over what, what were the challenges that were face during the production of this program, and what were we able to learn from doing this project.

Contents

1   Assignments

The following table will show all the assignments taken by the corresponding students:

	Emre Arapcic-Uvak	Vedad Siljic
Design	x	✓
Tree File Display	✓	x
File Saving	✓	x
File / Dir Creating	✓	x
File / Dir Deleting	✓	x
File Opening	✓	✓
Multi File Tab	✓	✓
Syntax Highlighting	x	✓
Custom Text Widget	x	✓
About Sections	✓	✓
Font Customization	x	✓
Directory Model Management	✓	x

2   Information about the program

2.1   Program overview

The program CodeLab Notes is a plain code editor that supports multiple file editing, and syntax highlighting for **c** and **cpp** files.

Upon the start up of the program the user is greeted with an giant logo of the program as well as a tree view of the users root directory and a tool bar right above the tree view; right above the tool bar there are also drop down menus for even more options that are given to the user to choose from as all can be seen in Figure 1
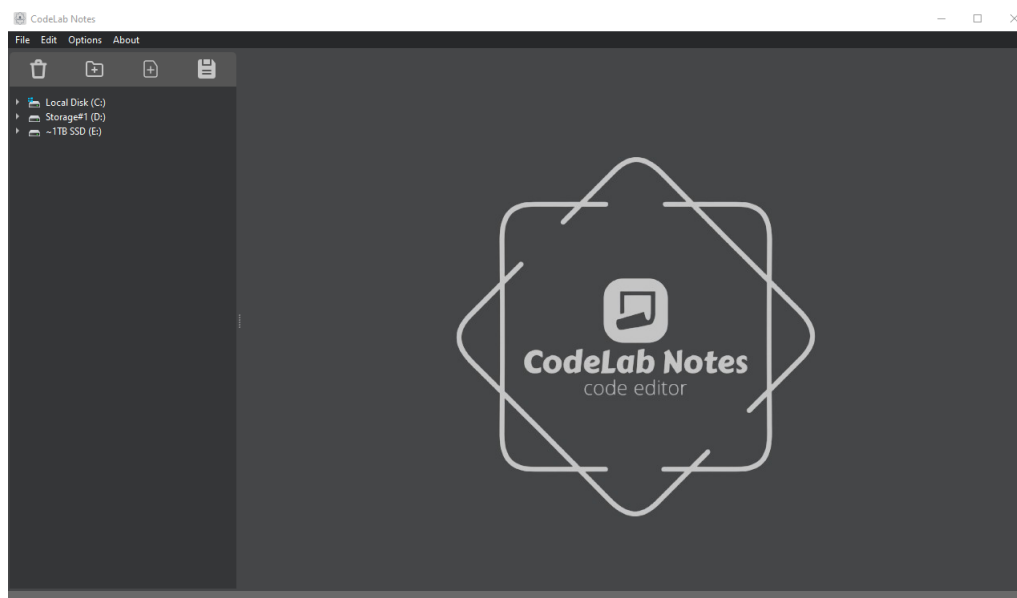

Figure 1: Starting screen of CodeLab - Notes

2.2 Tree view and working directory

Like many other code editors CodeLab Notes has the ability to select a directory which the user will be working with. For the user to select a working directory all that they will have to do is go to the *File* menu and select *Open Folder* as can be seen in Figure 2
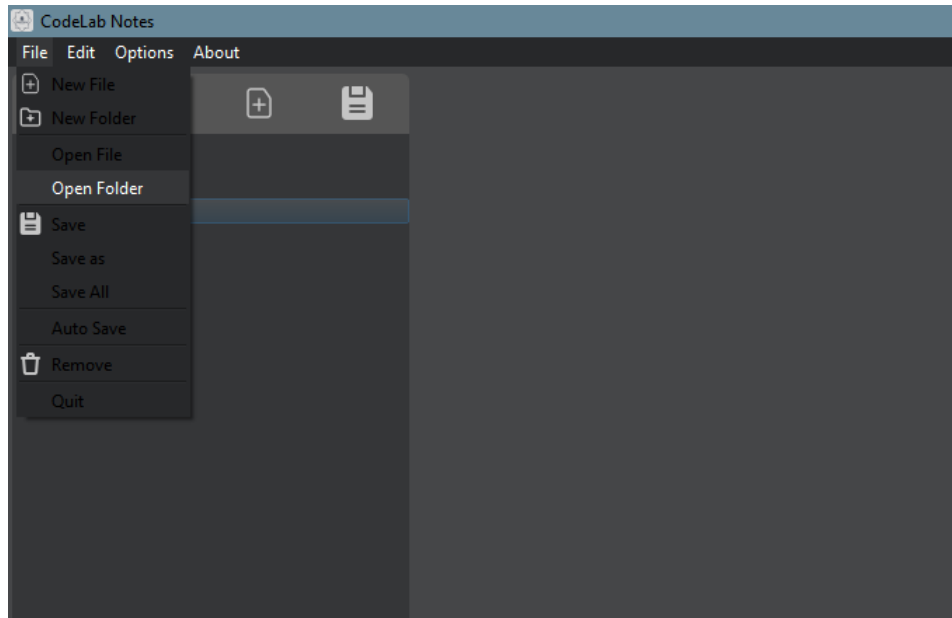

Figure 2: Open Folder option in CodeLab Notes

Upon selecting this option the user will be prompted a directory dialog which asks the user to select what folder they would like to open; afterwards the tree view will update such that it only displays the selected directory as can be seen in Figure 3 and Figure 4.
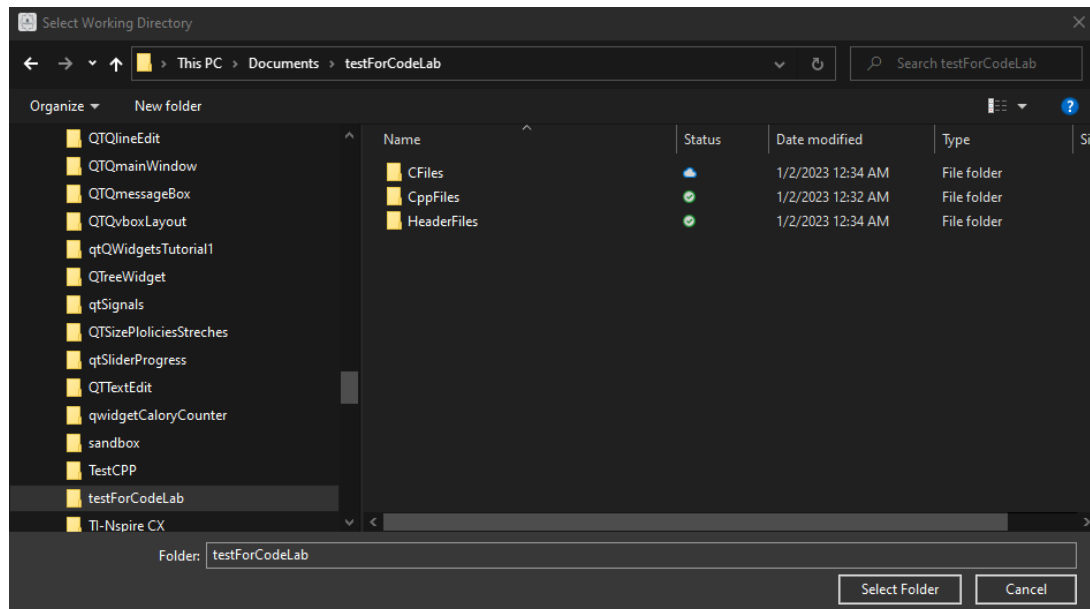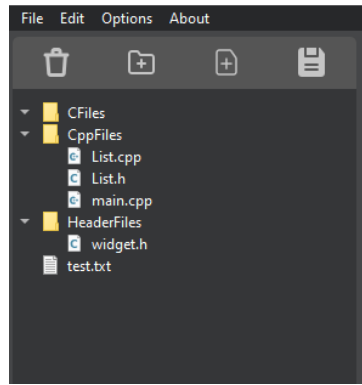

Figure 3: Directory prompt dialog

Figure 4: Tree view update