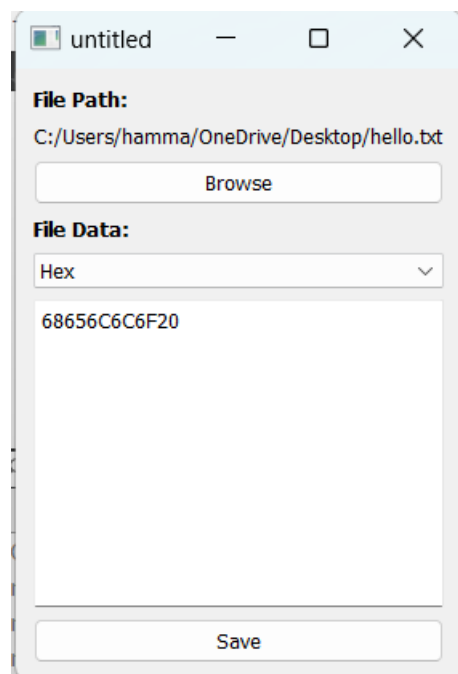


Hex,Bin,Text Editor C++_Project Abstract Phase 3

Our Text converter App is a Qt based application that allow working with files and converting the content between three formats : Text , Binary and Hexadecimal.

The App has a graphical user interface GUI and consists of :

- Working with files :
 - “readFileContent” function used to read the content of files.
 - “saveFileContent” function used to save the converted content to the file
- Type Detection :
 - “detectContent Type” function detect the type of the content and checks if it’s text , hex or binary.
- Conversion function :
 - convertTextToHex converts a Text string to its Hexadecimal representation.
 - convertHexToText converts a Hexadecimal string to its Text representation.
 - convertTextToBinary converts a Text string to its Binary representation.
 - convertBinaryToText converts a Binary string to its Text representation.
 - convertHexToBinary converts a Hexadecimal string to its Binary representation.
 - convertBinaryToHex converts a Binary string to its Hexadecimal representation.
- GUI :
 - “main” function initializes the Qt application
 - It includes Browse button , a text widget to display and edit the file content , a box to select the format and a save button
- Execution ;
 - The code execute “app.exec()” to run the GUI application



https://github.com/Rhhamma/IU_Hex-Bin-Text-Editor-C-_Project