

USER GUIDANCE OF TEXTEDITOR VERSION 1.0

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English

REVISION HISTORY

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1 INTRODUCTION

OVERVIEW

TextEditor is a text editor with fingerprint recognition system. You can note some important and private text with it. The access of document files requires fingerprint verification.

FEATURE

1. *TextEditor* doesn't occupy large space. It's portable and easy to use.
2. *TextEditor* has an extraordinarily high level of security because it use fingerprint and DES encryption to guarantee the privacy and confidential of users.
3. *TextEditor* support styled text. You can choose the fonts, colors and size you prefer.

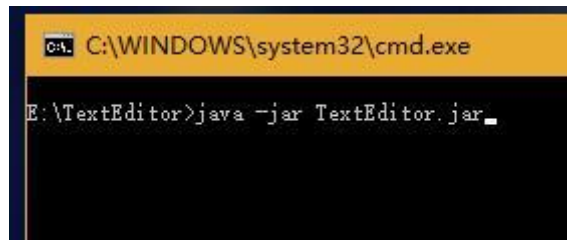
2 SOFTWARE INSTALL

ENVIRONMENT REQUIREMENT

1. Java Runtime Environment 8
2. Matlab R2014a
3. A fingerprint collector (ZK9000)

INSTALL

1. Open X:\...\TextEditor\Install, install *jre-8u111-windows-i586.exe* for 32-bit system and *jre-8u111-windows-x64.exe* for 64-bit system. Don't forget to set system environment variables of Java
2. Open X:\...\TextEditor\Install\matlab\FPMatch\for_redistribution, install *MyApplInstaller_mcr.exe*
3. Open CMD and open the directory of *TextEditor*
4. Input *java -jar TextEditor.jar* and open the software

Figure 1 open *TextEditor*

3 SOFTWARE RUNNING

USER INTERFACE

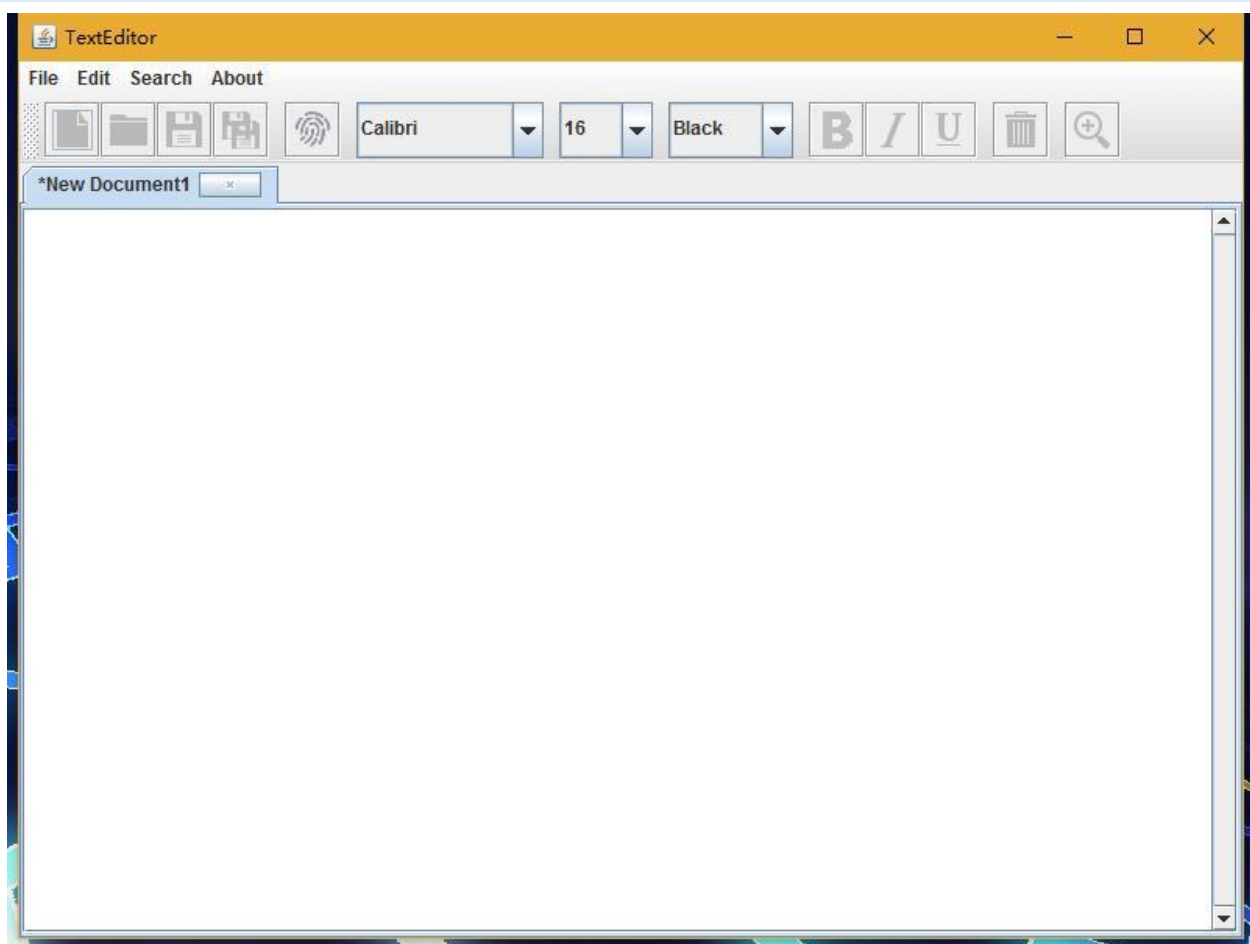


Figure 2 User interface

The user interface of *TextEditor* is consist of Menu, Toolbar, Tab, Text Area and some sub windows.

MENU

You can use keyboard accelerators to do the corresponding operations.

FILE MENU

1. *New (Ctrl-N)* : Create a new document
2. *Open (Ctrl-O)*: Open an exist document file
3. *Save (Ctrl-S)*: Save the currently active document
4. *Save As*: Save the currently active document as another file
5. *Save All*: Save all the unsaved files
6. *Exit (Ctrl-Q)*: Terminate the program

EDIT MENU

1. *Undo (Ctrl-Z)*: Undo the operation
2. *Redo (Ctrl-Y)*: Redo the operation
3. *Cut (Ctrl-X)*: Cut the selected text
4. *Copy (Ctrl-C)*: Copy the selected text
5. *Paste (Ctrl-V)*: Paste the selected text
6. *Select All (Ctrl-A)*: Selected the whole text
7. *Delete (Ctrl-K)*: Delete the whole text

FIND MENU

Find (Ctrl-F): Open the find window

ABOUT MENU

About TextEditor (F1): Open the about window

TOOLBAR

1. *New*: Create a new document
2. *Open*: Open an exist document file
3. *Save*: Save the currently active document
4. *Save All*: Save all the unsaved documents
5. *Add/Delete Fingerprint*: Open Fingerprint Enrollment window or release fingerprint information from the document
6. *Font*: Set font of the selected text
7. *Size*: Set size of the selected text
8. *Color*: Set color of the selected text
9. *Bold*: Set bold style of the selected text
10. *Italic*: Set italic style of the selected text
11. *Underline*: Set underline style of the selected text
12. *Delete*: Delete the whole text
13. *Find*: Open the find window

TAB

Tab shows the currently opened document. Click the tab can switch the text area to the corresponding document. Click the “X” button can close the corresponding document.

TEXT AREA

You can input the text in the text area. If you press the right button of the mouse, a menu identical to the *Edit Menu* will be popped. It will assist you to do your work efficiently.

SUB WINDOWS

FIND WINDOW

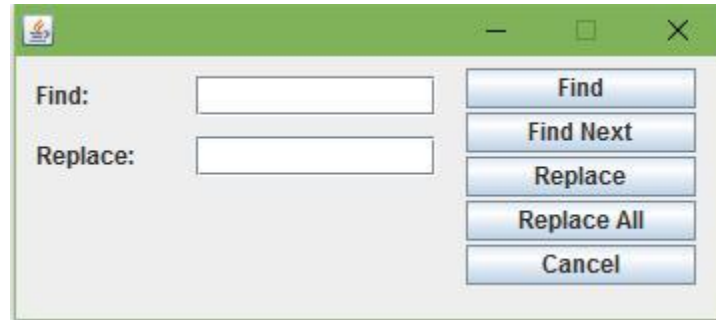


Figure 3 Find window

1. *Find*: find the text of *Find* blank in the currently active document
2. *Find Next*: continue doing the *Find* work
3. *Replace*: find the text of *Find* blank in the currently active document, and replace it with the text of *Replace* blank
4. *Replace All*: Do *Replace* work for all found text
5. *Cancel*: exit find window

ABOUT WINDOW



Figure 4 About window

The *About Window* shows some information about software and authors, including software name, software version, author's name and e-mail address

FINGERPRINT ENROLLMENT

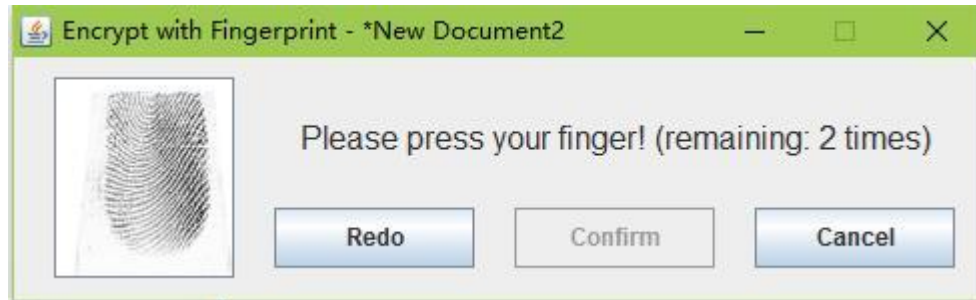


Figure 5 Fingerprint Enrollment

TextEditor will ask you to press your finger 3 times in order to analyse and receive your fingerprint, and attach it to the document that is currently active.

FINGERPRINT VERIFICATION

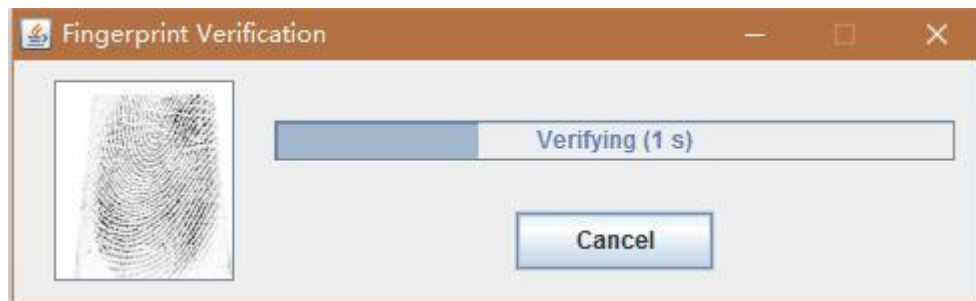


Figure 6 Fingerprint Verification

When opening a document file with fingerprint encryption, the verification progress is needed. 5-6 seconds after you press your finger on the fingerprint collector, *TextEditor* will give a result of whether it matches or not. The document file will be opened only if the verification succeeds

4 ABOUT SOFTWARE

1. If you find any bug, please email us. Please don't talk about any bug in public.
2. If you have any feedback, please email us and we'll improve it in the next version.