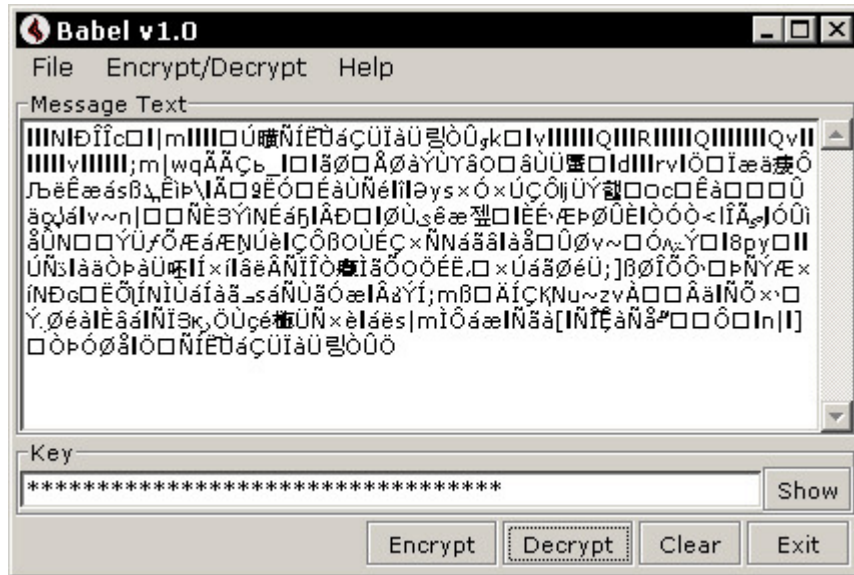


Babel v1.0

User Manual



Solitary Society

www.SolitarySociety.com

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0.0 Technical Details

Title: Babel
Version 1.0
Date: March 22, 2009
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Author: Solitary Society
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Babel was written with Python 2.5.4 on Microsoft Windows XP. Babel was compiled to a Windows executable using py2exe. The MS Windows installer was created with Inno Installer.

For License and Source code information see section 3.1.

1.0 What is Babel

Babel is a small application to encrypt a message using an ASCII substitution cipher.

Each character of the message body and the key phrase are converted to its decimal value and added together. If the result is greater than the value of the last character in the Extended ASCII Table, the result continues counting from the start of the table.

Decryption is a reversal of this process. To decrypt the text successfully, the correct key phrase must be used.

2.0 Using Babel

The sub sections following will cover the basic details of Babel.

2.1 Installing and Uninstalling Babel

To install Babel, execute the Babel_Setup.exe installer and follow through the prompts. Babel will not create any registry keys other than what is necessary to link the executable to the uninstaller.

To uninstall Babel, use the uninstaller which can be found in the directory where Babel is installed to.

2.2 General Use

When the cursor is in the Message Text field or in the Key entry field, there are several key commands for assisting with using Babel.

Key Commands

<i>Ctrl-e</i>	Adds the text in the entry field to the database.
<i>Ctrl-d</i>	Removes the text in the entry field from the database.
<i>Ctrl-c</i>	Clears the contents of the Message Text field and the Key field.
<i>Ctrl-x</i>	Exits the application
<i>Ctrl-n</i>	Clears the Message Text field for creating a new message using the current key.
<i>Ctrl-o</i>	Open a .txt file.
<i>Ctrl-s</i>	Save the contents of the Message Text field to a .txt file.
<i>Ctrl-q</i>	Encrypt the contents of the Message Text field and save to a .txt file.
<i>Ctrl-w</i>	Open and decrypt the contents of a .txt file.

All other commands and options are available through the drop menu commands or buttons.

3.0 Additional Information

Babel has been released under the Creative Commons Attribution license. This is the most flexible license I was able to find.

3.1 License and Source Code

The full text of the license can be read online at the Creative Commons website.

Full license text:

<http://creativecommons.org/licenses/by/3.0/legalcode>

Human readable form of above link:

<http://creativecommons.org/licenses/by/3.0/>

The source code for Babel, the setup.py script, and the Inno Setup Compiler script can be viewed at:

http://www.solitarysociety.com/files/babel_app_src.txt

http://www.solitarysociety.com/files/babel_exe_src.txt

http://www.solitarysociety.com/files/babel_iss_src.txt

And additionally the source code for the scripts can be found in the /src/ directory where the application was installed to.

3.2 Resources

You may view the Extended ASCII Table at <http://www.ascii-code.com/> or search for the table by using one of the many search engines available online.