

User Documentation for klicova_slova.pl

Tadeas Jun

November 2021

1 Program description and manual

The *klicova_slova.pl* program is written in the Perl v5.30.0 built for x8664-linux-gnu-thread-multi language. To run it successfully, you need to install the Perl language, as well as the CPAN libraries Text::CSVXS::TSV, List::Util and Getopt::Long.

You can run the program using the *perl klicova_slova.pl* command. To extract keywords, you have to define an input document using the `--input` parameter.

The code automatically outputs the results of the text analysis into the standard output; however, you can define an output file using the `--output` parameter.

To output only the bare keywords, use the parameter `--simplePrint`. Without this parameter specified, the program outputs the keywords along with side information about the process, such as the number of loaded input words, or the individual importance values for each keyword.

This secondary data is, by default, printed out in Czech. To switch the language to English, use the `--language` parameter with the value of 'eng'. The help message (see below) and the error messages will always print out in both languages.

The code also offers a user help message, which you can output by running the program without any parameters, or using the `--help` parameter. The help messages includes information about the project and its current version, an example command to run the code, an explanation for every possible parameter, and a link to the project's GitHub repository.

Example command:

```
perl klicova_slova.pl --input inputText.txt --output keywords.txt --simplePrint  
--language eng
```