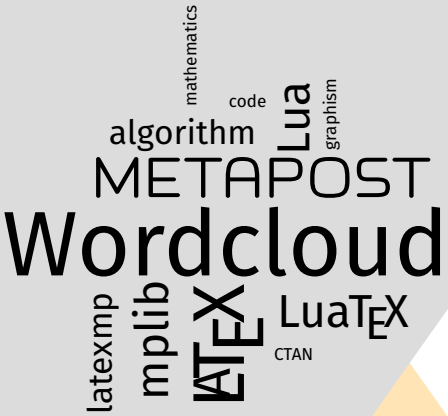
wordcloud

drawing wordclouds
with METAPOST and Lua



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https://plmlab.math.cnrs.fr/mchupin/wordcloud

Abstract

These METAPOST and LuaLaTeX packages allows to draw wordclouds from a list of words and weights. The algorithm is implemented with METAPOST whereas Lua is used to parse LaTeX commands and to build the list of words and weights from a text file. The LuaLaTeX side require luamplib.

https://plmlab.math.cnrs.fr/mchupin/wordcloud
https://github.com/chupinmaxime/wordcloud

Contents

This package is in beta version—do not hesitate to report bugs, as well as requests for improvement, or better: to help me to improve it.

1 Installation

wordcloud is on CTAN and can also be installed via the package manager of your distribution.

https://www.ctan.org/pkg/wordcloud

1.1 With TeXlive under Linux or macOS

To install wordcloud with TeXLive, you will have to create the directory texmf in your home.

```
user $> mkdir ~/texmf
```

Then, you will have to place the wordcloud.mp file in

~/texmf/metapost/huffman/

You will also have to place the wordcloud.lua file in

~/texmf/scripts/wordcloud/

And finally, you will have to place the wordcloud.sty file in

~/texmf/tex/latex/wordcloud/

Once this is done, wordcloud will be loaded with the classic METAPOST input code

```
input wordcloud
```

And for the LuaLaTeX side, `wordcloud` will be loaded with

```
\usepackage{wordcloud}
```

1.2 With MikTeX and Windows

These two systems are unknown to the author of `wordcloud`, so we refer you to the MikTeXdocumentation concerning the addition of local packages:

http://docs.miktex.org/manual/localadditions.html

1.3 Dependencies

`wordcloud` depends, of course on METAPOST [1], and—if `wordcloud` is not used with LuaLaTeX and the luamplib package—the latexmp package.

2 METAPOST side

3 LuaLaTeX side