

pankyll-pandoc README

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1 Abstract

This document describes briefly the aim and content of **pankyll-pandoc**. The goal of **pankyll-pandoc** is to add functionality to [pandoc](#) by providing [Lua](#) filters and [LaTeX](#) templates and configuration that can be leveraged by [pankyll](#) to create for example PDFs or to count words of a [Markdown](#) document.

As it can be seen below the invocation of [pandoc](#) might implicate a plethora of command-line options. Even if parts of this repository is designed for and can be used without [pankyll](#) it is usually more convenient once [pankyll](#) is set up to use [pankyll](#) to generate PDFs.

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1.1 History

| Version | Date | Notes |
|---------|------------|--|
| 0.1.2 | 2022-05-30 | history, -changes, introduction, rm dupl. license, +usage sec., +PDF, links, +Makefile |
| 0.1.1 | 2020-05-13 | Fix TOC feature |
| 0.1.0 | 2020-03-22 | Initial release |

2 Introduction

The aim of **pankyll-pandoc** is to add features to **Pankyll** by providing configuration, filters and templates to **Pandoc**. The `toc.markdown` template filters out a table of content for a given Markdown file. The `pankyll.latex` template is used to convert a Markdown page to a PDF. The word count feature is realized via the **Pandoc** filter `word-count.lua` that calculates usually more precise than self parsing of Markdown files. The `links-md-to-html.lua` filter replaces inline Markdown links with links to HTML pages. And the `replace_verbatim_with_lstlisting.lua` dispatches two different verbatim environments. All filters need a newer **Pandoc** version to work with and have bin tested with **Pandoc** v2.2.1 and v.2.10.1 and **texlive** 2017, 2020 and 2022.

3 Usage

3.1 Filters

```
pandoc -t html5 -o out.html --lua-filter=links-md-to-html.lua in.md
pandoc -o out.pdf --lua-filter=replace_verbatim_with_lstlisting.lua in md
pandoc -t gfm --lua-filter=word-count.lua in.md
```

3.2 Templates

This command will create the file `README.pdf` from the [Markdown](#) source `README.md` by using 2 filters and the `pankyll-pandoc` template.

```
pandoc -f 'markdown+implicit_header_references+blank_before_blockquote\
+fenced_code_blocks+backtick_code_blocks+fenced_code_attributes\
+line_blocks+definition_lists+simple_tables+table_captions\
+multiline_tables+pipe_tables+yaml_metadata_block+strikeout+superscript\
```

```
+subscript+shortcut_reference_links+implicit_figures+link_attributes\
+footnotes+inline_notes+emoji+autolink_bare_uris' --verbose --toc \
--number-sections --from 'markdown+implicit_header_references\
+blank_before_blockquote+fenced_code_blocks+backtick_code_blocks\
+fenced_code_attributes+line_blocks+definition_lists+simple_tables\
+table_captions+multiline_tables+pipe_tables+yaml_metadata_block\
+strikeout+superscript+subscript+shortcut_reference_links\
+implicit_figures+link_attributes+footnotes+inline_notes+emoji\
+autolink_bare_uris' --to latex --standalone --highlight-style zenburn \
-V 'lang=en-US' -V 'papersize=a4' -V 'fontsize=12pt' \
-V 'documentclass=article' -V 'mainfont=Noto Sans CJK JP' \
-V 'sansfont=Noto Sans CJK JP' -V 'monofont=WenQuanYi Micro Hei Mono' \
-V 'monofontoptions=BoldFont={Noto Sans Mono CJK JP Bold}' \
-V 'linkcolor=Violet' -V 'citecolor=Green' -V 'urlcolor=MidnightBlue' \
-V 'toccolor=Gray' -V 'pagestyle=headings' \
--template=templates/pankyll.latex --pdf-engine=xelatex \
--fail-if-warnings \
--lua-filter=filters/replace_verbatim_with_lstlisting.lua \
--lua-filter=filters/links-md-to-html.lua -o README.pdf README.md
```

For some reason the long list of backslashes (\) do not work, remove them and execute this command in one line or use the Makefile via `rm README.pdf;make README.pdf` It was tested with [pandoc](#) 2.10.1 and [texlive](#) 2017, 2020 and 2022.

4 Author

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5 License And Copyright

1 Copyright (C) 2020, 2022 by Christian Külker, see LICENSE file.