The `latexmark` package

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1 Introduction

This package enabled direct typesetting of markdown documents or code fragments directly with LuaLaTeX. lunamark package is used for conversion. You can mix markdown constructs with LaTeX commands, so you can enjoy simplicity of markdown combined with power of LaTeX.

2 Install

Clone this repository to `tex/latex` directory in your local `texmf tree`. You can find `texmf`location (it is `/texmf` usually) with this command:

```
kpsewhich -var-value TEXMFHOME
```

install:

```
cd `kpsewhich -var-value TEXMFHOME`
mkdir -p tex/latex
cd tex/latex
git clone git@github.com:michal-h21/latexmark.git
```

3 Usage

```
\usepackage[options]{latexmark}
```

3.1 Possible options

extensions enable lunamark extensions.

template use Cosmo template. Useful when external markdown files are included.

document process whole document body.

3.2 Commands

```
\begin{latexmark}
# section

some `markdown` *code*. But \LaTeX \texttt{commands} work too.
\end{latexmark}
```

`latexmark` environment is processed for markdown instructions.

```
\markdownfile{filename}
```

include a markdown file `filename`.

4 Tips

- Text converted from markdown to LaTeX is printed to the terminal, so you may inspect possible conversion problem here.

- For conversion to html, use make4ht:

  make4ht -l filename

note that `tex4ht` is used for the conversion and `fontspec` package is unsupported