

The `latexmark` package

Michal Hoftich

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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 `texmflocation` (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 L^AT_EX 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

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