

MATOPDF - MARKDOWN TRANSFORMER FRAMEWORK

With `matopdf`, you can transform markdown formatted text into PDFs, and even more.

```
graph LR
md -- matopdf --> PDF
```

`matopdf` currently comprises a markdown parsing front-end part, and a back-end `groff::mom` renderer.

```
graph LR
md -- matogro --> groff::mom -- pdfmom --> PDF
```

The `groff::mom` back-end is quiet fast: It usually takes only around 1 second to process the input and produce the resulting PDF.

Styling

The styling of the rendered PDF output (think of padding, fonts, etc.) is configurable, depending on the back-end chosen.

The `groff` back-end has a default preamble (see [here](#)), which defines standard styles. Settings therein can be overwritten by placing a `preamble.mom` file next to your markdown file.

BUILD AND RUN

To test `matopdf`, the `groff` based transformer, use:

```
cargo run --bin matopdf sample/src/index.md
```

This will result in a file called `sample/src/index.pdf` with the rendering, if all went well.

INSTALLATION

Just use

```
cargo install --path .
```

to install `matopdf`, `matote` and `matofmt` and to your rust binary directory.

WATCH MODE

There is also a super-duper-watch-mode, which can be activated via the `-w` flag. Then, the source file will be watched and if written to will be reprocessed. This feature can be used to create a kind of WYSIWYG experience when writing.