User's Guide to *Easy Pandoc Templates*

Contents

—————— About

The templates contained in this repository aim at providing a variety of different layouts for creating pdf files from markdown text via pandoc. You will of course have to know how to use pandoc.

It is especially intended to provide the following without involving the need to directly edit or use any latex-code:

Interoperability Metadata-Settings for the default.latex pandoc template should also work with these templates.

Fulfilling the purpose The templates are created with special use-cases in mind. They might for example help you create a paper, draft, letter or presentation. This purpose should be well fulfilled while keeping anything irrelevant out of scope and out of mind.

Nice layout The layout should not be for you to worry about, but should still be good.

Sane defaults If using a template without any options set at all, you should still be able to get a result you could use right away.

Customization where needed Some settings are often supposed to be customized. E. g. page-margins or line-spacing in students' papers. If it can reasonably be assumed that people will need to customize a certain setting, this should be made available through the YAML-Metadata block.

Extended functionality There are certain things that might be useful, but are not included or even intended in markdown syntax or the default pandoc templates. E. g. commands for including external pdfs as attachment or titlepage or for splitting the bibliography into different sections. Such options may be made available through Metadata-Blocks in a somewhat standardized fashion in certain templates where they are assumed to provide useful.

Documentation You should not have any need to look at the template file itself or even know latex in order to figure out how to make the template do what you want from it. Just have a look at the at the doc folder and figure it out from there.

—————— Usage

Installing

Copy the templates you want to use to a place, where pandoc can find them. E. g. `/usr/share/pandoc/data/templat` Or run `sudo make install`, which does exactly that.

You can also just drop them in your working directory, especially if you just want to check out what they do.

Using a template

Run pandoc with `-t latex` or `-t beamer` and `--template=` options if you want to use these templates. `--biblatex` is required by some.

Known Bugs

lebenslauf.latex   Photo only works if either title or author is set.

Labels must not use more lines than content. One can use manual linebreaks in content as a workaround.

hausarbeit.latex

Purpose

This template is designed for student's papers.

Available Extensions

- Titlepage
- Splitbib
- Appendix

essay.latex

Purpose

This template is designed for short papers. Other than that it's quite similar to the hausarbeit template.

Available Extensions

- Titlepage
- Splitbib
- Appendix

contract.latex

Purpose

This is a template for legal contracts and other sorts of formal documents and declarations.

Available Extensions

- Signature (multiple)

——— lebenslauf.latex

Purpose

This is a template to produce a CV.

Usage

Definition-lists are the main means of getting the information into an ordered form:

```
Name
: Max Mustermann

Date of Birth
: Once upon a time

E-Mail
: max@muster.mann
```

Numbered and unnumbered lists as well as usual text are also supported. Headers of level one through three are supported. Headers of level four and five will be treated as level-three headers.

Custom variables

photo	Insert image at top-right corner of CV.
color	Use a custom colour for the colored parts. `color: black` (obviously) turns of coloring. See https://en.wikibooks.org/wiki/LaTeX/Colors for further information on available colours. (The template uses the `xcolor` package for in order to make a maximum number of colours available.)
author, title	If Author or title are provided, they are used as document title and will also feature in pdf-metadata. Leave both empty in order to skip the title.

Available Extensions

- Signature (only sign-at)

——— How to use variables

Variables may be specified inside a YAML-style header in order to customize the output pandoc generates via some template. Simple variables may be specified as follows:

```
---
author: Max Mustermann
title: Some Document
...
```

If a variable allows for multiple values to be specified (as do bibliography, author or institute, for example) these multiple values may be specified using the following syntax:

```
---
bibliography:
  - books.bib
  - journals.bib
...
```

There are also instances where subvariables are used. These are referred to as variable.subvariable in this reference guide (e.g. append.title or append.file) and may be specified as:

```
---
append:
  - title: The pandoc man pages as pdf
    file:  pandoc.pdf
  - title: Why to use markdown
    file:  why-markdown.pdf
...
```

General settings / Standard options

Appearance

papersize	e. g. a4, a5, letter
margin-top,	set margin size, e. g. 1in, 2cm, 30pt
margin-left,	
margin-right,	
margin-bottom	
fontsize	set main font size, e. g. 10pt
linestretch	set spacing between lines (e.g. 1 or 1.5)
lang	Set main language of document. This affects the default naming of table of contents, bibliography, appendix etc. e. g. de-DE, en-GB, en-US

Metadata

The following fields behave as expected. Some also add data to pdf-metadata. They might still not show up in the actual pdf, especially if titlepage(s) is used.

- author
- institute
- title
- subtitle

- date

Document Structure

Contents

secnumdepth	Until what level shall sections be numbered. Value: number (no numbering: 0)
toc	Include a table of contents at the beginning of the document. Value: true or empty [true|]
notoc	In case a table of contents is used as the template default, this setting overrides that. Value: true or empty [true|]
toc-depth	Until what level shall sections be included in the table of contents. Value: number (optional, default: 5)
lof	Include a list of figures at the beginning of the document. Value: true or empty [true|]
nolof	In case a list of figures is used as the template default, this setting overrides that. Value: true or empty [true|]
lot	Include a list of tables at the beginning of the document. Value: true or empty [true|]
nolot	In case a list of tables is used as the template default, this setting overrides that. Value: true or empty [true|]

Bibliography

nobiblatex	Biblatex is usually used by default by most templates. Set this to true in order not ro use biblatex to create a bibliography. Value: true or empty [true|]
biblatex-version	Use something else than standard biblatex to process citations. E. g. biblatex-chicago. Make sure the biblatexoptions work with the special version of biblatex.
biblatexoptions	Refer to biblatex documentation for further explanation.
biblio-title	Use the following title for bibliography rather than some default.
bibliography	Use the following biblatex files to resolve citation keys. Value: filename.bib (setting multiple values is supported)

────────── Extension: Appendix

appendix-title	Use the following title for appendix rather than some default.
append	Include some pdf file as an appendix. Accepts what follows as subvariables. Only file is mandatory.
append.file	Value: filename.pdf
append.title	A title to use for including this appendix in table of contents and list of appendices. If this is not set, this appendix will not show up in any of these lists.
append.label	Set a label to use for cross-referencing inside the document. If empty, the title will be used as a label.

append.pages	Only use the following pages from the given pdf. e. g. "1", "1-4", "1,2,6,7", "5-last", "4-1"
ap- pend.landscape	Value: True or none [True|]. Appended page is in landscape orientation. Include that way and do not resize to fit portrait.

────────── Extension: Signature (single|multiple)

sign-at	Provide data to be printed directly above signature fields. E. g. "New York, 10th Sep. 2016"
sign	Provide data about the Person signing. Assigning multiple values may be supported, depending on the purpose of the template. Also check if it refers to *Signature (single)* or *Signature (multiple)*. If you want to include lines, you can use the `\newline` command from latex. This can usually be abbreviated as `\n` in these cases.

────────── Extension: Splitbib

splitbib	Splitbib allows to split the bibliography into multiple sections, each with their own subheading. If you want to use splitbib you have to define the following subvariables to splitbib.
splitbib.title:	The title for this bibliographic subcategory.
splitbib.rule:	A rule to be passed on to in order to create the subbibliography. Typically this may be something like "keyword=abc,keyword=xyz". Do not forget to make a final category with a rule fetching everything else like e. g. "notkeyword=abc,notkeyword=xyz,notkeyword=…" or else some citations might not appear in your bibliography.

────────── Extension: Titlepage

titlepage	Use the first page of a given pdf file as titlepage rather than some automatically generated one. Value: filename.pdf
titlepages	Use all pages of a given pdf as titlepages. Value: filename.pdf