

User's Guide to *Easy Pandoc Templates*

About

This repository contains a collection of special-purpose templates for use with pandoc and some LaTeX-engine, which will allow you to produce nicely-formatted pdf files from content written in Markdown.

These templates are supposed to work as-is, without any need for setting custom options via meta-data, while still preserving (and sometimes even extending) the customization options found in pandoc's `default.latex` and `default.beamer` templates.

For specific information on a certain template, please refer to the corresponding files in the docs folder or – if you're reading this in the pdf-version – the corresponding section below.

Usage

Installing

Copy the templates you want to use to a place where pandoc can find them. E.g. `/usr/share/pandoc/data/templates`. 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` option is required for templates including a bibliography. Afterwards just run any program producing a pdf from the obtained latex-source (e. g. `latexmk`)

Known Bugs

`moderncv.latex`

Photo only works if either title or author is set.

Labels must not use more lines than content. Inserting manual linebreaks in content can serve 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. This template also performs well for just printing out small parts of text or even for printing out handouts for beamer slides.

Available Extensions

- Titlepage
- Splitbib
- Appendix

letter.latex

Purpose:

This is a template for formal letters based on scrlltr2.

Available Extensions

- letter

Custom options

Since this template is based on scrlltr2, you can also use scrlltr2's KOMA-Variables, which are made available as Pandoc-Variables with the same name. Anyhow, if you decide to use *from* and *from2* fields, most of these variables will be ignored.

The small return address above the recipient's info can be overridden by setting *backaddress* directly.

contract.latex

Purpose

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

Available Extensions

- Signature (multiple)

moderncv.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 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 place)

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, margin-left, margin-right, margin-bottom	set margin size, e.g. 1in, 2cm, 30pt
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

place Where was the document produced. This is mostly used with signed documents.

date When was the document produced or signed. If *lang* is set correctly you can try out `\today` if you're lazy (or just forgot the 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]]

notot 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 to 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"
append.landscape	Value: True or none [True]]. Appended page is in landscape orientation. Include that way and do not resize to fit portrait.

Extension: letter

from	Sender's name and postal address
from2	Additional contact information, e.g. sender's email or phone number.
to	Recipients name and postal address
subject	Self-explaining
opening	A phrase addressing the reader; e.g. "Dear Sir or Madam"
closing	E.g. <i>Sincerely</i> , <i>Yours</i>

Extension: Signature (single|multiple)

place	Where was the document produced.
date	When was the document produced.
sign	<p>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 <i>Signature (single)</i> or <i>Signature (multiple)</i>.</p> <p>If you want to include lines, you can use the <code>\newline</code> command from latex. This can usually be abbreviated as <code>\n</code> in these cases.</p>

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