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-formated 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/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.
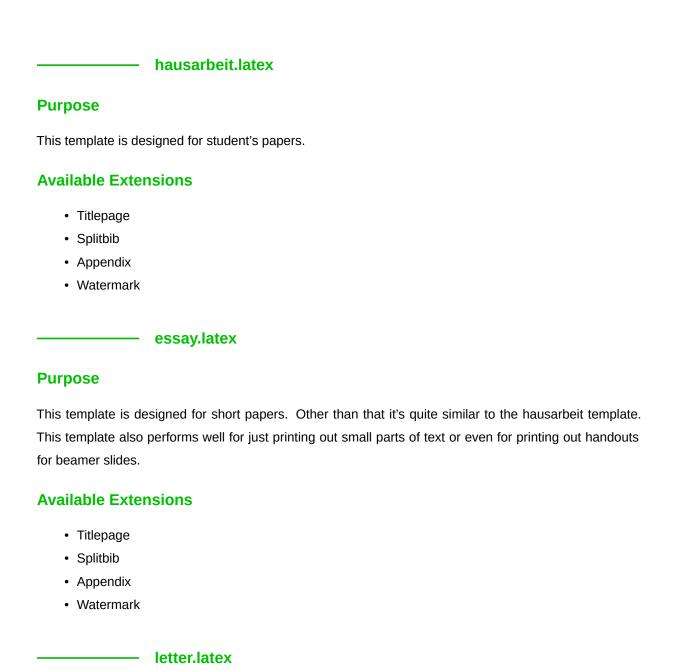
Using a template

Run `pandoc` with `-t latex` or `-t beamer` and `--template=` options if you want to use these templates. `--biblatex` option is required for templates including a bibliography. Afterwords just run any program producing a pdf from the obtained latex-source (e. g. `latexmk`). Testing is done with the xelatex engine, but pdflatex or lualatex will probably also work all right.

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
- Watermark

—————— 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
- Watermark

—————— letter.latex

Purpose:

This is a template for formal letters based on scrlttr2.

Available Extensions

- Letter
- Watermark

Custom options

Since this template is based on scrlttr2, you can also use scrlttr2'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)
- Watermark

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)
- Watermark

─────────── plain.beamer

This template is a slightly modified version of pandoc's default.beamer. Everything that's available in default.beamer should work with this template as well.

Custom Variables

slidenumbers	Number slides (pretty much like you would pages). Value: true or empty [true|].
titleblock	Instead of the default title slide, print a custom slide containing title, possibly a subtitle and the block of text specified as titleblock. This is useful if you have quite specific ideas about what information needs to be included on the title slide.

Available Extensions

- splitbib

─────────── 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

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|]

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: 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. *Sincerely*, *Yours*

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

place	Where was the document produced.
date	When was the document produced.
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

—————— Extension: Watermark

watermark   If set, the specified text will be inserted as a watermark on every page. E. g. `watermark: Draft` will print "Draft" as watermark. This somewhat conflicts with titlepage and appendix however, since the Watermark will not be in the background for these title- or appended pages.