

# User's Guide to *Easy Pandoc Templates*

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## 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.

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## 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`). Testing is done with the `xelatex` engine, but `pdflatex` or `lualatex` will probably also work all right.

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## 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.

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## hausarbeit.latex

### Purpose

This template is designed for student's papers.

### Available Extensions

- Titlepage
- Splitbib
- Appendix
- Watermark

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## 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

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## letter.latex

### Purpose:

This is a template for formal letters based on scrlltr2.

### Available Extensions

- Letter
- Watermark

## 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.

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## contract.latex

### Purpose

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

### Available Extensions

- Signature (multiple)
- Watermark

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## 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.

<b>color</b>	Use a custom colour for the colored parts. <code>color: black</code> (obviously) turns of coloring. See <a href="https://en.wikibooks.org/wiki/LaTeX/Colors">https://en.wikibooks.org/wiki/LaTeX/Colors</a> for further information on available colours. (The template uses the <code>xcolor</code> package in order to make a maximum number of colours available.)
<b>author, title</b>	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

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## 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

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

## Available Extensions

- `splitbib`

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## 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
...
```

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## General settings / Standard options

### Appearance

<b>papersize</b>	e.g. a4, a5, letter
<b>margin-top,</b> <b>margin-left,</b> <b>margin-right,</b> <b>margin-bottom</b>	set margin size, e.g. 1in, 2cm, 30pt
<b>fontsize</b>	set main font size, e.g. 10pt
<b>linestretch</b>	set spacing between lines (e.g. 1 or 1.5)
<b>lang</b>	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

<b>place</b>	Where was the document produced. This is mostly used with signed documents.
<b>date</b>	When was the document produced or signed. If <i>lang</i> is set correctly you can try out <code>\today</code> if you're lazy (or just forgot the date).

## Document Structure

### Contents

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

### Bibliography

<b>noeof</b>	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] ]
<b>biblatex-version</b>	Use something else than standard biblatex to process citations. E. g. biblatex-chicago. Make sure the biblatexoptions work with the special version of biblatex.
<b>biblatexoptions</b>	Refer to biblatex documentation for further explanation.
<b>biblio-title</b>	Use the following title for bibliography rather than some default.
<b>bibliography</b>	Use the following biblatex files to resolve citation keys. Value: filename.bib (setting multiple values is supported)

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### Extension: Appendix

<b>appendix-title</b>	Use the following title for appendix rather than some default.
<b>append</b>	Include some pdf file as an appendix. Accepts what follows as subvariables. Only file is mandatory.
<b>append.file</b>	Value: filename.pdf
<b>append.title</b>	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.
<b>append.label</b>	Set a label to use for cross-referencing inside the document. If empty, the title will be used as a label.
<b>append.pages</b>	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.

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### 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*

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### 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.

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### 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.

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### Extension: Titlepage

**titlepage** Include a given page as the titlepage. Currently handles pdf and latex and depends on filename-endings specifying the format as `.pdf` or `.tex`.  
**titlepages** Same as titlepage but for force to include all pages from the supplied file.

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## 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.