Contents

1 CSV Tables in Markdown: Pandoc Filter for CSV Tables

This allows CSV tables, optionally containing markdown syntax (enabled by default), to be put in markdown as a fenced code blocks.

2 Example

This won't work on GitHub's markdown rendering nor PyPI. See the README in GitHub-pages. There's a LaTeX output too.

```table
---
caption: '*Awesome* **Markdown** Table'
alignment: RC
table-width: 0.7
markdown: True
---
First row,defaulted to be header row,can be disabled
1,cell can contain **markdown**,"It can be aribrary block element:

- following standard markdown syntax
- like this"
2,"Any markdown syntax, e.g.",$$E = mc^2$$
```

becomes

Table 1: *Awesome* **Markdown** Table

First row	defaulted to be header row	can be disabled
1	cell can contain **markdown**	It can be aribrary block element: • following standard markdown syntax • like this
2	Any markdown syntax, e.g.	$E = mc^2$

3 Install and Use

Install:

```
pip install -U pantable
```

Use:

```
pandoc -F pantable -o README.html README.md
```

4 Syntax

Fenced code blocks is used, with a class `table`. See Example.

Optionally, YAML metadata block can be used within the fenced code block, following standard pandoc YAML metadata block syntax. `7` metadata keys are recognized:

- `caption`: the caption of the table. If omitted, no caption will be inserted. Default: disabled.

- `alignment`: a string of characters among `L,R,C,D`, case-insensitive, corresponds to Left-aligned, Right-aligned, Center-aligned, Default-aligned respectively. e.g. `LCRD` for a table with 4 columns. Default: `DDD...`

- `width`: a list of relative width corresponding to the width of each columns. e.g.

```
- width
    - 0.1
    - 0.2
```

```
    - 0.3
    - 0.4
```

Default: auto calculated from the length of each line in table cells.

- `table-width`: the relative width of the table (e.g. relative to `\linewidth`). default: 1.0

- `header`: If it has a header row or not. True/False/yes/NO are accepted, case-insensitive. default: True

- `markdown`: If CSV table cell contains markdown syntax or not. Same as above. Default: False

- `include`: the path to an CSV file, can be relative/absolute. If non-empty, override the CSV in the CodeBlock. default: None

When the metadata keys is invalid, the default will be used instead.

5 Related Filters

The followings are pandoc filters written in Haskell that provide similar functionality. This filter is born after testing with theirs.

- [baig/pandoc-csv2table: A Pandoc filter that renders CSV as Pandoc Markdown Tables.](#)
- [mb21/pandoc-placetable: Pandoc filter to include CSV data (from file or URL)](#)
- [panflute/csv-tables.py at 1ddcaba019b26f41f8c4f6f66a8c6540a9c5f31a · sergiocorreia/panflute](#)

	pandoc-csv2table	pandoc-placetable	panflute example	my proposal
type	type=simple|multiline|grid|pipe			
caption	caption	caption	title	caption
aligns	aligns=LRCD	aligns=LRCD		alignment: LRCD
width		widths="0.5 0.2 0.3"		width: [0.5, 0.2, 0.3]
table-width				table-width: 1.0
header	header=yes|no	header=yes|no	header: True|False	header: True|False|yes|NO
markdown		inlinemarkdown		markdown: True|False|YES|no
source	source	file	source	include
others		delimiter		

pandoc-csv2table	pandoc-placetable	panflute example	my proposal
	quotechar id (wrapped by div)		