Pandoc Filter to Insert Arbitrary Complex Tables

Outputs: Web Page[1] / LaTeX[2] / PDF[3] / Overleaf[4]

Dependencies

Make sure you have Pandoc and pandoc-crossref[5] installed (callable from cmd). In addition, Python 3 and `pandocfilters`[6] are required:

```
pip install pandocfilters
```

Usage

Write your complex tables in HTML in `tables.html` and in LaTeX in `tables.tex`. https://tablesgenerator.com is a good resource for constructing complex tables. To insert tables into the output HTML/LaTeX document, use the syntax `<COMMENT> tbl:table-id <COMMENT>` to mark the beginning and `<COMMENT> END <COMMENT>` to mark the end of a table definition in `tables.html` and `tables.tex`. `<COMMENT>` corresponds to `%` in LaTeX and `<!--` and `-->` in HTML. `tbl:table-id` is the identifier of the table used for cross-referencing in the markdown source. Refer to pandoc-crossref[7] for details of cross referencing tables.

To compile the documents, apply the filter `custom-table.py` **AFTER** `pandoc--crossref` in the command line.

```
pandoc -F pandoc-crossref -F custom-table.py README.md -o README.tex
pandoc -F pandoc-crossref -F custom-table.py README.md -o README.html
```

Example

See tbl. 1.

[1] https://yongfu.name/pandoc-filter/
[2] https://yongfu.name/pandoc-filter/README.tex
[3] https://yongfu.name/pandoc-filter/README.pdf
[4] https://www.overleaf.com/docs?snip_uri=https://yongfu.name/pandoc-filter/README.tex&engine=xelatex
[5] https://github.com/lierdakil/pandoc-crossref
[6] https://github.com/jgm/pandocfilters
[7] https://github.com/lierdakil/pandoc-crossref

Table 1: This is a *complex table*, **written** in `tables.tex` and `tables.html`.

	Column Span			
Row Span	a c	b d	d e	f g

Table 2: This is a normal table written in markdown, which will not be replaced.

Column A	Column B
A1	B1
A2	B2