I'm a weird person. I like writing LaTeX. With all of its downsides, it's quite flexible.

This blog post is written in `tex` file, not markdown. With the help of `latex-svg`, the included math and some *other* environments work. We are still constrained by what pandoc supports, but there is a lot.

1 Examples

Let us write few examples of what we can do.

1.1 Math

Formulas

$$\sin^2 \theta + \cos^2 \theta = 1$$

or

$$\sin' = \cos$$
$$\cos' = -\sin$$

work nicely.

1.2 tikzcd

As pandoc can preserve raw latex blocks and `latex-svg` renders them, you can draw `tikzcd` diagrams:

$$A \xrightarrow{f} B$$

1.3 Tables

Writing tables in markdown is a pain. It is painful in LaTeX also but less.

foo	bar	quu
foo1	2345678	quu9
foo123	456	quu789

1.4 Code snippets

pandoc recognizes code environment. So we get code highlighting!

```
fact :: Integer → Integer
fact n = product [2..n]
```

2 Rendering as PDF

The benefit of writing posts in LaTeX is that you can convert to PDF. You can also start with markdown, and use pandoc to convert it to tex document, and that is what more reasonable people do.

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