Sample Notes November 2019

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1 Top Level Heading

Content here. Here is some inline-code . To run this example, configure and use:

```
$ ~/.pandoc/md2pdf.sh sample.md sample.pdf
```

Or use the command below.

```
$ pandoc sample.md \
      --from markdown \
2
      --include-in-header ~/.pandoc/tex-headers/toc-safe-headings.tex \
      --include-in-header ~/.pandoc/tex-headers/no-listings-code.tex \
      --include-in-header ~/.pandoc/tex-headers/link-color.tex \
      --filter pandoc-citeproc \
      --bibliography=sample.bib \
      --csl ieee.csl \
      --template eisvogel \
      -V mainfont="SFNS Display" \
      -V monofont="Menlo Regular" \
      -V sansfont="Helvetica" \
12
      -V urlcolor=cyan \
13
      -V fontsize=10pt \
      -V geometry:letter \
15
      −V geometry:margin=1in \
16
      --number-sections \
17
      --lua-filter ~/.pandoc/filters/lua-links.lua \
      --pdf-engine=xelatex \
      --toc \
      -o sample.pdf
```

Daniel Wiese 1

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1.1 Second Level Heading

Here is some math using \$\$ with Latex:

$$y = mx + b$$

Here is inline math y=f(x) and more math using $\ensuremath{\,}\mbox{equation}$ environment:

$$\underbrace{\frac{\partial}{\partial t} \int_{V} \rho dV}_{\text{Rate of change of mass}} = \underbrace{-\oint_{S} \rho \underline{v} \cdot \underline{n} dS}_{\text{Net inflow of mass}} \tag{1}$$

1.1.1 Third Level Heading

Variables can be put in the YAML metadata block as well. For example, to set the font size:

```
fontsize: "10pt"
```

1.2 Hyperlinks

Here is a markdown hyperlink: Pandoc. Here is an HTML hyperlink: Pandoc.

2 Quotes and a Reference

Below is a quote with a reference [1].

Aerodynamics is fun!

References

[1] J. D. A. Jr., Fundamentals of aerodynamics. McGraw-Hill Education, 2010.