

HK Pandoc ODT writer

Context

This is a work in progress attempting to provide a better ODT writer to Pandoc. Indeed, the original writer generates a lot of inline styles in the output ODT (LibreOffice/OpenOffice) document. It makes it difficult to customize the output with a reference document (`reference.odt`).

Use case

The typical use case is to write a document in Markdown and then render it in PDF (via LaTeX, html, or ODT. The different outputs should look alike.

The ODT version would allow to collaborate on a project with the poor guys out-there who still are stuck with so called WYSIWYG document editors. ;-)

Roadmap

- 1) Implement the basics (bullet lists and numbered lists) and a clean reference doc as a proof of concept.
- 2) Implement by iteration all Pandoc objects.
- 3) Make it “smart” so one could change page size, lang, ... of the output document via Pandoc standard mechanism (i.e. with the same reference document).

Pandoc Objects

Blocks

Bullet lists TODO: tight (compact) lists are the same as normal lists :

- This is a
- (Standard) widely spaced
- list

This is a bullet list:

- Level one
 - Level two
 - Level two again
 - * Level three
 - Level Four
 - Level Four again
 - * Level three again
 - Back to level two
- Back to level one
- Ends with Level one

Ordered lists

This is an ordered list:

- 1) Level one
 - 1) Level two
 - 2) Level two again
 - 1) Level three
 - 1) Level Four
 - 2) Level Four again
 - 2) Level three again
 - 3) Back to level two
- 2) Back to level one
- 3) Must
- 4) Go
- 5) To
- 6) Ten
- 7) Lines
- 8) To show
- 9) alignment
- 10) Ends with Level one

Quotation This is a quotation from the great philosopher Jaegger (as reported by D^r Gregory House) :

You can't always get what you want.

And another from D^r. Gregory House (MD) :

Reality is almost always wrong

House S1E3

Code block Here is some xml code.

```
<style:style style:name="Quotations"
  style:family="paragraph"
  style:parent-style-name="Standard"
  style:class="html">
  <!-- What about the style:class ? -->
  <!-- Could use style:list-style-name to specify the list to be used in Quotations par
  <style:paragraph-properties
    fo:margin-left="1cm"
    fo:margin-right="1cm" fo:margin-top="0.25cm"
    fo:margin-bottom="0.25cm" style:contextual-spacing="false"
    fo:text-indent="0in"
    style:auto-text-indent="false" />
</style:style>
```

Some Combinations

List inside quotation

I have found a list-style which render well even in BlockQuotes (Quotations) even if there is some kind of styling such as borders or colored background.

This is a bullet list:

- Level one
 - Level two
 - Level two again
 - * Level three
 - Level Four
 - Level Four again
 - * Level three again
 - Back to level two
- Back to level one
- Ends with Level one

This is an ordered list:

- 1) Level one
 - 1) Level two
 - 2) Level two again
 - 1) Level three
 - 1) Level Four
 - 2) Level Four again
 - 2) Level three again
 - 3) Back to level two
- 2) Back to level one
- 3) Ends with Level one

Inlines

Emphasis and strong emphasis This is *emphasized*. This is **strong**. This is `code`.

Strikeout This text was ~~corrected~~ edited.

Subscripts This is done via Pandoc Markdown. GitHub Flavored Markdown (GFM) doesn't know them and the ~ syntax is equivalent to the ~~ syntax and renders as strikeout (GFM call it strikethrough) text.

When thirsty, drink H₂O. Don't breathe too much CO₂

This is a definition list:

Glucose C₆H₁₂O₆

Water H₂O

Methanol CH_3OH

Ethanol $\text{CH}_3\text{CH}_2\text{OH}$

Acetic Acid CH_3COOH

Underlines, Small caps and Highlight I cannot underline enough that
SMALL CAPS and **highlighting** are useful.