Using CriticMarkup with pandoc

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Using CriticMarkup with pandoc—not a filter but a preprocessor.

Definition of CriticMarkup

- Deletions: This is a test.
- Additions: This is a test.
- Substitutions: This is a test.
- Highlighting: This is a test.
- Comments: This is a test.

The Scripts

These scripts are supposed to be in the same folder:

- `criticmarkup-accept.py`
- `criticmarkup-reject.py`
- `pandoc-criticmarkup.sh`

The `criticmarkup-accept.py` and `criticmarkup-reject.py` are extracted from the OS X System Services from CriticMarkup Toolkit.

Usage

`pandoc-criticmarkup.sh [options...] [file]`

Options:

- accept: `-a`
- reject: `-r`
- permanent: `-p`
- show diff: `-d`
    - `-d html`: targeting html output using RAW HTML
    - `-d latex`: targeting LaTeX output using RAW LaTeX

- `-d pdf`: same as above

If permanent is used, it will overwrite the original, if not, it will output to `stdout`. In most situation permanent should be used with `-a` or `-r` only, but it can be used with `-d` as well.

`-a`, `-r`, `-d` are supposed to use separately:

- If `-d` is used, the others are ignored,
- if `-r` is used, `-a` is ignored

It can be used with the pandoc commands, like these (see build.sh):

```
./pandoc-criticmarkup.sh -d html README.md | pandoc -s -o README-diff.html
./pandoc-criticmarkup.sh -d latex README.md | pandoc -s -o README-diff.tex
./pandoc-criticmarkup.sh -d pdf README.md | pandoc -s -o README-diff.pdf

./pandoc-criticmarkup.sh -a README.md | pandoc -s -o README-accept.html
./pandoc-criticmarkup.sh -a README.md | pandoc -s -o README-accept.tex
./pandoc-criticmarkup.sh -a README.md | pandoc -s -o README-accept.pdf

./pandoc-criticmarkup.sh -r README.md | pandoc -s -o README-reject.html
./pandoc-criticmarkup.sh -r README.md | pandoc -s -o README-reject.tex
./pandoc-criticmarkup.sh -r README.md | pandoc -s -o README-reject.pdf
```

Appendix: Mapping for Showing Differences

critic markup	HTML	LaTeX

`|[text]|~~text~~` |
[text] | <ins>[text]</ins> | \underline{[text]} |
[text2] | ~~[text1]~~<ins>[text2]</ins> | \st{[text1]}\underline{[text2]} |
[text] | <mark>[text]</mark> | \hl{[text]} |
<!-- [text] --> | <aside>[text]</aside> | \marginpar{[text]} |