

Using CriticMarkup with pandoc

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

Definition of CriticMarkup

- Deletions: This is is a test.
- Additions: This a test.
- Substitutions: This isn't 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]	\st{[text]}

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