Pandoc

Thomas de Grivel thoxdg@gmail.com
https://kmx.io/

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Section 1

Pandoc

Subsection 1

Introduction

Pandoc

https://pandoc.org

Conversion between documentation formats

e.g.

```
pandoc -st beamer -V theme:Warsaw -V fontsize:8pt -o test.pdf test.md
```

Supported formats (1/4)

Lightweight markup formats

- Markdown (including CommonMark and GitHub-flavored Markdown)
- reStructuredText
- AsciiDoc
- Emacs Org-Mode
- Emacs Muse
- Textile
- txt2tags

HTML formats

- (X)HTML 4
- HTML5

Ebooks

- EPUB version 2 or 3
- FictionBook2

Documentation formats

- GNU TexInfo
- Haddock markup

Supported formats (2/4)

Roff formats

- roff man
- roff ms

TeX formats

- LaTeX
- ConTeXt

XML formats

- DocBook version 4 or 5
- JATS
- TEI Simple

Outline formats

- OPML

Data formats

- CSV tables

Supported formats (3/4)

Word processor formats

- Microsoft Word docx
- OpenOffice/LibreOffice ODT
- OpenDocument XML
- Microsoft PowerPoint

Interactive notebook formats

- Jupyter notebook (ipynb)

Page layout formats

- InDesign ICML

Wiki markup formats

- MediaWiki markup
- DokuWiki markup
- TikiWiki markup
- TWiki markup
- Vimwiki markup
- XWiki markup
- ZimWiki markup
- Jira wiki markup

Supported formats (4/4)

Slide show formats

- LaTeX Beamer
- Slidy
- reveal.js
- Slideous
- S5
- DZSlides

Custom formats

- custom writers can be written in lua.

PDF

- via pdflatex, xelatex, lualatex, pdfroff, wkhtml2pdf, prince, or weasyprint.

Subsection 2

Beamer presentation

Standalone beamer presentation

```
pandoc -st beamer -o test.pdf -f gfm test.md
```

-st beamer : produce a standalone beamer document

-o test.pdf : output file

-f gfm : input format in Github flavoured Markdown syntax

test.md : input file

Sample markdown for beamer

```
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# Pandoc

## Introduction

### Pandoc

<https://pandoc.org>

Conversion between documentation formats

### Supported formats (1/4)

Lightweight markup formats
 - Markdown
 - reStructuredText
```

Latex output

```
pandoc -st beamer -o test.tex -f gfm test.md
```

Produces test.tex in LaTeX format.

PDF output from LaTeX

`pdflatex test.tex; pdflatex test.tex`

Produces test.pdf from test.tex

Conversion from LaTeX to Markdown

Convert LaTeX beamer slides to Markdown source format :

`pandoc -st gfm test.tex > test.md`

Warning : tweaking of generated Markdown files is needed.