Pandoc's Markdown

Set render options with YAML

Write with syntax on the left to create effect on right (after render)

Plain text
End a line with two spaces
to start a new paragraph.
'Italics and 'bold'
'verbatim code'
sub/superscript'2^-2-strikefunginescaped'\'L\'|\
equation SA \|\pi'\'\|2\\
equation SA \|\pi'\'\|2\\
equation SA \|\pi'\'\|2\\
equation sub/superscript'
escaped'\'L\'|\
equation SA \|\pi'\'\|2\\
equation sub/superscript'
equation shock:

 $$$E = mc^{2}$$

> block quote

Header1 {#anchor}

Header 3 {.css_class} ## Header 2 {#css_id}

Header 5 ### Header 4

<!--Text comment-->

Header 6

textbf{Tex ignored in HTML} cem>HTML ignored in pdfs

http://www.rstudio.com> link](www.rstudio.com) ump to [Header 1](#anchor)

[Caption](smallorb.png)

* unordered list + sub-item 1 + sub-item 2 - sub-sub-item 1

item 2

Continued (indent 4 spaces) 1. ordered list
2. item 2
i) sub-item 1
A. sub-sub-item 1

@) A list whose numbering (@) an interruption continues after

Right | Left | Default | Center | Definition 1 Term 1

12 | 12 | 12 | 12 | 12 | 12 | 123 | 123 | 123 | 123 | 123 | 123 | 113 |

horizontal rule/slide break:

Plain text
End a line with two spaces
to start a new paragraph.
italics and bold endash: –, emdash: – equation: $A = \pi * r^2$ equation block: verbatim code sub/superscript²₂ strikethrough escaped: "_\ $E = mc^2$ block quote Header 3 Header 4

Header1 Header 2 HTML ignored in pdfs



 sub-sub-item 1 A. sub-sub-item 1 Continued (indent 4 spaces) sub-item 1sub-item 2 i. sub-item 1 ordered list item 2

Center 2. an interruption Definition 1

(>- to have bullets appear on click) - slide bullet 1 - slide bullet 2

(>- to have bullets appear on click) 123 1. A list whose numbering horizontal rule/slide break: Right Left Default slide bullet 1
 slide bullet 2 12 12 12 123 123 123 1-1 continues after

1. runs the R code, embeds results and text into .md file with knitr then converts the .md file into the finished format with pandoc 4 Beamer pdf slides (requires Tex) Github compatible markdown ---output: html_document Microsoft Word (.docx) md pandoc OpenDocument Text ioslides HTML slides pdf (requires Tex) slidy HTML slides Rich Text Format Markdown # Body creates html When you render, R Markdown Set a document's default output format in the YAML header: oslides_presentation oeamer_presentation knitr slidy_presentation github_document word_document ntml_document odf_document odt_document nd_document rtf_document output value

× × ×

× × ×

 \times \times \times \times \times \times \times \times

× × × ×

×

×

× pesmer

ybils

rtf

po

tbq ×

Let readers to toggle the display of R code, "none", "hide", or "show"

The LaTeX package to process citations, natbib, biblatex or none

citation_package

ub-option

code_folding

colortheme

word

səpijsoi gituhb

rmarkdown

× ×

×

×

× × × ×

× ×

×

File of content to place in document (in_header, before_body, after_body)

Should bullets appear one at a time (on presenter mouse clicks)?

ncremental

keep_md keep_tex

Save a copy of .md file that contains knitr output Save a copy of .tex file that contains knitr output

Syntax highlighting: "tango", "pygments", "kate", 'zenburn", "textmate"

Default figure height and width (in inches) for document

fig_height, fig_width

highlight

ncludes

fig_caption

duration

Add a countdown timer (in minutes) to footer of slides Graphics device to use for figure output (e.g. "png")

Should figures be rendered with captions?

× × ×

Indent 4	spaces	ient:	
Indent 2	spaces	output: html_document: code_folding: hide toc_float: TRUE # Body	
	Customize output with	sub-options (listed to the right):	

 \times \times \times \times \times \times \times

×

Convert straight quotes to curly, dashes to em-dashes, ... to ellipses, etc.

Pandoc template to use when rendering file quarterly_report.html).

Bootswatch or Beamer theme to use for page Add a table of contents at start of document

docx file whose styles should be copied when producing docx output

reference_docx preserve_yaml self_contained

slide_level

smaller smart

Preserve YAML front matter in final document?

Additional arguments to pass to Pandoc Add section numbering to headers

number_sections md_extensions

pandoc_args

The lowest heading level that defines individual slides

Embed dependencies into the doc

Use the smaller font size in the presentation?

× × × × ×

× × ×

× × ×

Float the table of contents to the left of the main content The lowest level of headings to add to table of contents

toc_depth

toc_float

×

 \times \times \times \times \times \times \times \times

×

×

Set to local or a URL to use a local/URL version of MathJax to render equations

Directory of dependency files to use (Bootstrap, MathJax, etc.)

Engine to render latex, "pdflatex", "xelatex", or "lualatex"

atex_engine

mathjax

lib_dir

Markdown extensions to add to default definition or R Markdown

html tabsets Use tablet css class to place sub-headers into tabs text 1 End tabset Tab 1 Tabset # Tabset {.tabset.fade .tabset-pills} ### End tabset ## Tab 1 ## Tab 2

text 1 text 2

template

theme

Create a Reusable Template

Create a new package with a inst/rmarkdown/templates

12

2. In the directory, Place a folder that contains: template yaml (see below) skeleton,Rmd (contents of the template) any supporting files

4. Access template in wizard at File ▶ New File ▶ R Markdown 3. Install the package

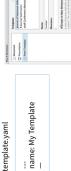


Table Suggestions

Several functions format R data into tables

fable with stargaze 34 79 54 74 62 eruptionsv 1 3.600 2 1.800 3 3.333 4 2.283 eruptionswaiting 1 3.60 79.00 2 1.80 54.00 3 3.33 74.00 4 2.28 62.00 3.600

knitr::kable(data, caption = "Table with kable")

print(xtable::xtable(data, caption = "Table with xtable"),
type = "html", html.table.attributes = "border=0"))

stargazer::stargazer(data, type = "html", title = "Table with stargazer")

OK Cancel

Citations and Bibliographies Create citations with .bib, .bibtex, .copac, .enl, .json, .medline, .mods, .ris, .wos, and .xml files

 Set bibliography file and CSL 1.0 Style file (optional) in the YAML header 2. Use citation keys in text

bibliography: refs.bib csl: style.csl

Smith cited [@smith04].
Smith cited without author [-@smith04].
@smith04 cited in line.

Smith cited (Joe Smith 2004). Smith cited without author (2004). Joe Smith (2004) cited in line. 3. **Render.** Bibliography will be added to end of document

R Studio

Here is the footnote. ←

[^1]: Here is the footnote.

A footnote [^1]

A footnote 1

RStudio* is a trademark of RStudio, Inc. + CC BY SA RStudio • info@rstudio.com • 844 448-1212 • rstudio.com • Learn more at rmarkdown.rstudio.com • rmarkdown 1.6 • Updated: 2016-02