

{renderthis}

Render media to different formats

John Paul Helveston & Garrick Aden-Buie

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Installation

You can install the current version of renderthis from GitHub:

```
# install.packages("remotes")  
remotes::install_github("jhelvy/renderthis")
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Supported output types:

- html
- pdf
- gif
- mp4
- pptx
- png
- social: png image of first slide
sized for social media sharing
(e.g. Twitter)

Installation

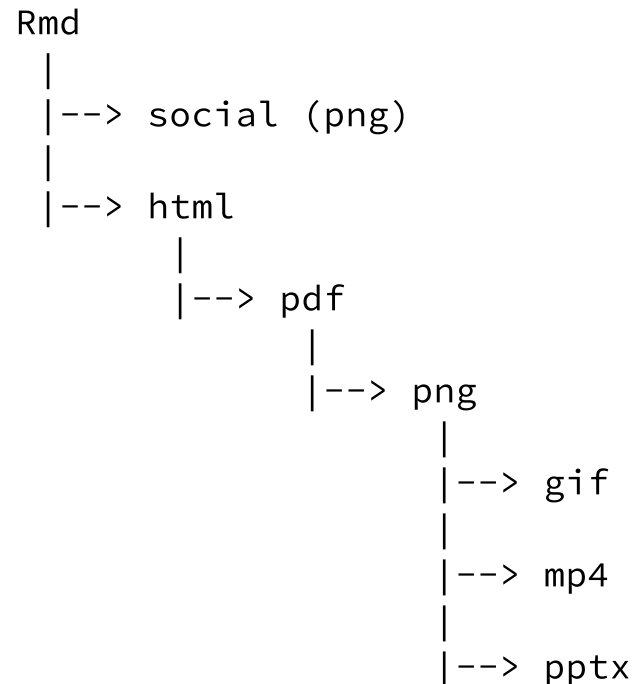
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Render hierarchy:



Partial / incremental slides

For pdf, png, gif, mp4, and pptx output types, if you want to render a new slide for each increment on **incremental slides**, set `partial_slides = TRUE` in any of the following render functions:

```
to_pdf()  
to_png()  
to_gif()  
to_mp4()  
to_pptx()
```

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```

For example, the following code would render this slide as two slides in a pdf instead of one:

```
to_pdf("slides.Rmd", partial_slides = TRUE)  
to_pdf("slides.html", partial_slides = TRUE)
```

Note: This option requires the **chromote** and **pdftools** packages.

Complex slides

"Complex" slides are slides that contain **panelsets** (like the one on this slide) or other html widgets / advanced features that might not render well as a pdf. To render these on separate slides, set `complex_slides = TRUE` in `to_pdf()`, `to_png()`, `to_gif()`, `to_mp4()`, or `to_pptx()`.

| Chunk | Output |
|-------------------------|--------|
| <pre>head(mtcars)</pre> | |

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Chunk

Output

| | mpg | cyl | disp | hp | drat | wt | qsec | vs | am | gear | carb |
|----------------------|------|-----|------|-----|------|-------|-------|----|----|------|------|
| ## Mazda RX4 | 21.0 | 6 | 160 | 110 | 3.90 | 2.620 | 16.46 | 0 | 1 | 4 | 4 |
| ## Mazda RX4 Wag | 21.0 | 6 | 160 | 110 | 3.90 | 2.875 | 17.02 | 0 | 1 | 4 | 4 |
| ## Datsun 710 | 22.8 | 4 | 108 | 93 | 3.85 | 2.320 | 18.61 | 1 | 1 | 4 | 1 |
| ## Hornet 4 Drive | 21.4 | 6 | 258 | 110 | 3.08 | 3.215 | 19.44 | 1 | 0 | 3 | 1 |
| ## Hornet Sportabout | 18.7 | 8 | 360 | 175 | 3.15 | 3.440 | 17.02 | 0 | 0 | 3 | 2 |
| ## Valiant | 18.1 | 6 | 225 | 105 | 2.76 | 3.460 | 20.22 | 1 | 0 | 3 | 1 |

Use the `slides` argument to control which slides get built

Examples rendering from PDF to PNG:

```
# Render the first or last slide only
to_png(from = "slides.pdf", to = "first_slide.png", slides = "first")
to_png(from = "slides.pdf", to = "last_slide.png", slides = "last")

# Choose subsets of slides
to_png(from = "slides.pdf", slides = c(1, 3, 5))
to_png(from = "slides.pdf", slides = -1) # Negative indices remove

# Render all slides
to_png(from = "slides.pdf", slides = "all")
```

Thanks!

Slides created via the R package **xaringan**.

Package documentation at <https://jhelvy.github.io/renderthis>



Visit **xaringan.club** for more {xaringan} tools!