

# {xaringanBuilder}

Build xaringan slides to different outputs

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# Installation

You can install the current version of xaringanBuilder from GitHub:

```
# install.packages("remotes")  
remotes::install_github("jhelvy/xaringanBuilder")
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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

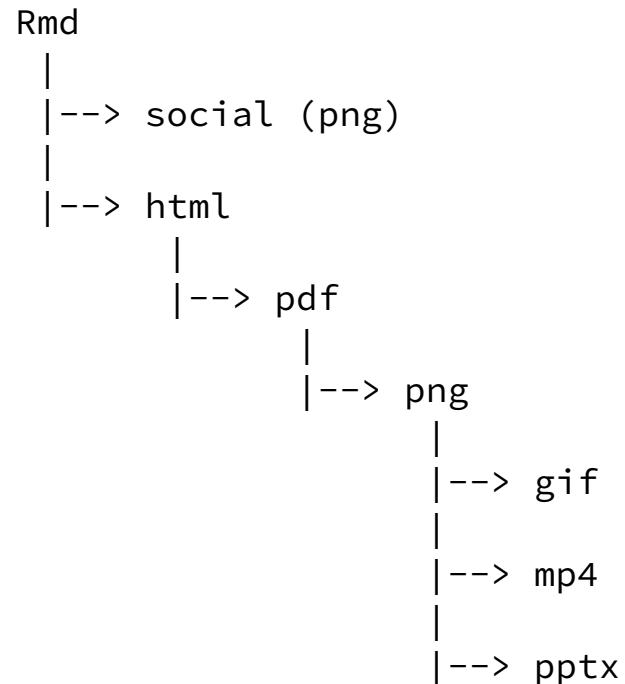
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## Build hierarchy:



# Partial / incremental slides

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

```
build_pdf()  
build_png()  
build_gif()  
build_mp4()  
build_pptx()  
build_all()
```

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

```
build_pdf("slides.Rmd", partial_slides = TRUE)  
build_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 `build_pdf()`, `build_png()`, `build_gif()`, `build_mp4()`, `build_pptx()`, or `build_all()`.

Chunk	Output
head(mtcars)	



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

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

Examples building from PDF to PNG:

```
# Build the first or last slide only
build_png("slides.pdf", output_file = "first_slide.png", slides = "first")
build_png("slides.pdf", output_file = "last_slide.png", slides = "last")

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

# Build all slides
build_png("slides.pdf", slides = "all")
```

# Thanks!

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

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



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