

# {xaringanBuilder}

Build xaringan slides to different outputs

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# Installation

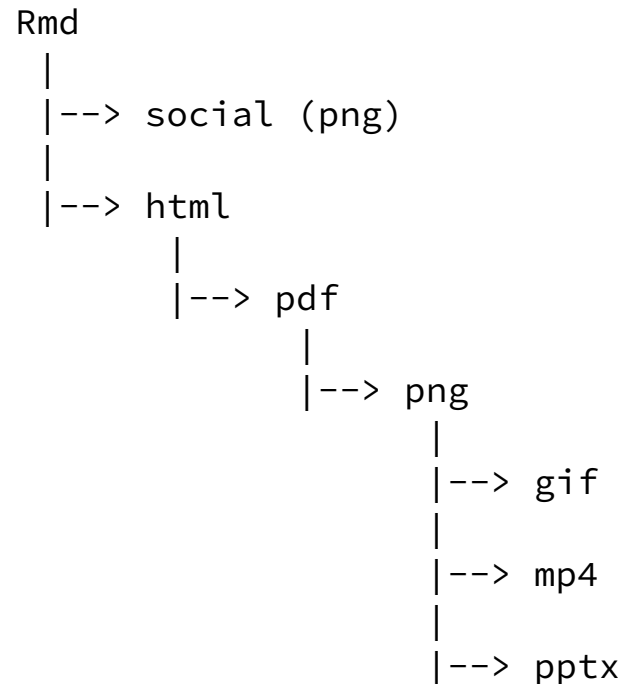
You can install the current version of xaringanBuilder from GitHub:

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

## Supported output types:

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

## 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()
```

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
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<pre>head(mtcars)</pre>	
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# 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>



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