

{xaringanBuilder}

Build xaringan slides to different outputs

John Paul Helveston

2016/12/12 (updated: 2021-02-25)



Installation

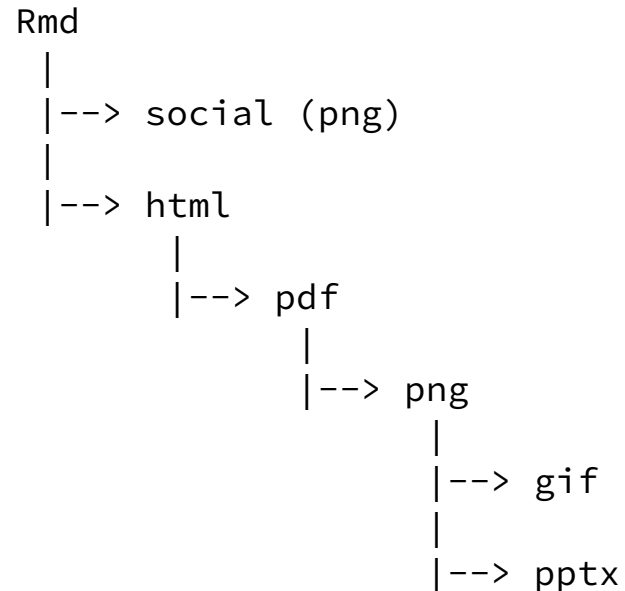
You can install the current version of xaringanBuilder from GitHub:

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

Supported output types:

- html
- pdf
- gif
- 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, 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_pptx()  
build_all()
```

Partial / incremental slides

For pdf, png, gif, 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_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_pptx()`, or `build_all()`.

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

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_pptx()`, or `build_all()`.

Chunk	Output
-------	--------

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

Thanks!

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

More at <https://jhelvy.github.io/xaringanBuilder>