

# Package ‘revealjs’

October 14, 2022

**Type** Package

**Title** R Markdown Format for 'reveal.js' Presentations

**Version** 0.9

**Date** 2017-03-13

**Description** R Markdown format for 'reveal.js' presentations, a framework for easily creating beautiful presentations using HTML.

**License** MIT + file LICENSE

**URL** <https://github.com/rstudio/revealjs>

**BugReports** <https://github.com/rstudio/revealjs/issues>

**Depends** R (>= 3.0)

**Imports** rmarkdown (>= 1.0)

**Suggests** testthat

**RoxygenNote** 6.0.1

**NeedsCompilation** no

**Author** Hakim El Hattab [aut, cph] (reveal.js-3.2.0,  
<https://github.com/hakimel/reveal.js>),  
Asvin Goel [ctb, cph] (chalkboard plugin),  
Greg Denehy [ctb, cph] (menu plugin),  
JJ Allaire [aut, cre],  
RStudio [cph]

**Maintainer** JJ Allaire <jj@rstudio.com>

**Repository** CRAN

**Date/Publication** 2017-03-13 17:11:07

## R topics documented:

revealjs_presentation . . . . .	2
<b>Index</b>	<b>5</b>

---

revealjs\_presentation *Convert to a reveal.js presentation*

---

## Description

Format for converting from R Markdown to a reveal.js presentation.

## Usage

```
revealjs_presentation(incremental = FALSE, center = FALSE,
  slide_level = 2, fig_width = 8, fig_height = 6, fig_retina = if
  (!fig_caption) 2, fig_caption = FALSE, smart = TRUE,
  self_contained = TRUE, theme = "simple", transition = "default",
  background_transition = "default", reveal_options = NULL,
  reveal_plugins = NULL, highlight = "default", mathjax = "default",
  template = "default", css = NULL, includes = NULL, keep_md = FALSE,
  lib_dir = NULL, pandoc_args = NULL, extra_dependencies = NULL, ...)
```

## Arguments

incremental	TRUE to render slide bullets incrementally. Note that if you want to reverse the default incremental behavior for an individual bullet you can precede it with >. For example: > - Bullet Text
center	TRUE to vertically center content on slides
slide_level	Level of heading to denote individual slides. If slide_level is 2 (the default), a two-dimensional layout will be produced, with level 1 headers building horizontally and level 2 headers building vertically. It is not recommended that you use deeper nesting of section levels with reveal.js.
fig_width	Default width (in inches) for figures
fig_height	Default width (in inches) for figures
fig_retina	Scaling to perform for retina displays (defaults to 2, which currently works for all widely used retina displays). Set to NULL to prevent retina scaling. Note that this will always be NULL when keep_md is specified (this is because fig_retina relies on outputting HTML directly into the markdown document).
fig_caption	TRUE to render figures with captions
smart	Produce typographically correct output, converting straight quotes to curly quotes, — to em-dashes, – to en-dashes, and ... to ellipses.
self_contained	Produce a standalone HTML file with no external dependencies, using data: URIs to incorporate the contents of linked scripts, stylesheets, images, and videos. Note that even for self contained documents MathJax is still loaded externally (this is necessary because of it's size).
theme	Visual theme ("simple", "sky", "beige", "serif", "solarized", "blood", "moon", "night", "black", "league" or "white").
transition	Slide transition ("default", "none", "fade", "slide", "convex", "concave" or "zoom")

background_transition	Slide background-transition ("default", "none", "fade", "slide", "convex", "concave" or "zoom")
reveal_options	Additional options to specify for reveal.js (see <a href="https://github.com/hakimel/reveal.js#configuration">https://github.com/hakimel/reveal.js#configuration</a> for details).
reveal_plugins	Reveal plugins to include. Available plugins include "notes", "search", "zoom", "chalkboard", and "menu". Note that self_contained must be set to FALSE in order to use Reveal plugins.
highlight	Syntax highlighting style. Supported styles include "default", "tango", "pygments", "kate", "monochrome", "espresso", "zenburn", and "haddock". Pass NULL to prevent syntax highlighting.
mathjax	Include mathjax. The "default" option uses an https URL from the official MathJax CDN. The "local" option uses a local version of MathJax (which is copied into the output directory). You can pass an alternate URL or pass NULL to exclude MathJax entirely.
template	Pandoc template to use for rendering. Pass "default" to use the rmarkdown package default template; pass NULL to use pandoc's built-in template; pass a path to use a custom template that you've created. Note that if you don't use the "default" template then some features of revealjs_presentation won't be available (see the Templates section below for more details).
css	One or more css files to include
includes	Named list of additional content to include within the document (typically created using the <a href="#">includes</a> function).
keep_md	Keep the markdown file generated by knitting.
lib_dir	Directory to copy dependent HTML libraries (e.g. jquery, bootstrap, etc.) into. By default this will be the name of the document with _files appended to it.
pandoc_args	Additional command line options to pass to pandoc
extra_dependencies	Additional function arguments to pass to the base R Markdown HTML output formatter <code>rmarkdown::html_document_base()</code> .
...	Ignored

## Details

In reveal.js presentations you can use level 1 or level 2 headers for slides. If you use a mix of level 1 and level 2 headers then a two-dimensional layout will be produced, with level 1 headers building horizontally and level 2 headers building vertically.

For additional documentation on using revealjs presentations see <https://github.com/rstudio/revealjs>.

## Value

R Markdown output format to pass to [render](#)

**Examples**

```
## Not run:  
  
library(rmarkdown)  
library(revealjs)  
  
# simple invocation  
render("pres.Rmd", revealjs_presentation())  
  
# specify an option for incremental rendering  
render("pres.Rmd", revealjs_presentation(incremental = TRUE))  
  
## End(Not run)
```

# Index

`includes`, [3](#)

`render`, [3](#)

`revealjs_presentation`, [2](#)

`rmarkdown::html_document_base()`, [3](#)