Package ‘revealjs’

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**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

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**Repository** CRAN

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**R topics documented:**

revealjs_presentation

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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 hori-
zontally 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")
**revealjs_presentation**

background_transition
Slide background-transition ("default", "none", "fade", "slide", "convex", "concave" or "zoom")

reveal_options
Additional options to specify for reveal.js (see https://github.com/hakimel/reveal.js#configuration 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

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 includes 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 rmarkdown::html_document_base().

... 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

```r
## 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)
```
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