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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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 its 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")
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**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](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](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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