

Package ‘rmdformats’

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License GPL (>= 2)

Encoding UTF-8

Title HTML Output Formats and Templates for 'rmarkdown' Documents

Description HTML formats and templates for 'rmarkdown' documents, with some extra features such as automatic table of contents, lightboxed figures, dynamic crosstab helper.

Imports knitr, rmarkdown, bookdown, htmltools

Suggests questionr

URL <https://github.com/juba/rmdformats>

BugReports <https://github.com/juba/rmdformats/issues>

RoxygenNote 7.1.1

NeedsCompilation no

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downcute	<i>Convert to an HTML document</i>
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Description

Format for converting from R Markdown to an HTML document.

Usage

```
downcute(
  fig_width = 8,
  fig_height = 5,
  fig_caption = TRUE,
  highlight = NULL,
  lightbox = FALSE,
  thumbnails = FALSE,
  gallery = FALSE,
  toc_depth = 2,
  embed_fonts = TRUE,
  use_bookdown = FALSE,
  pandoc_args = NULL,
  md_extensions = NULL,
  mathjax = "rmdformats",
  ...
)
```

Arguments

<code>fig_width</code>	Default width (in inches) for figures
<code>fig_height</code>	Default width (in inches) for figures
<code>fig_caption</code>	TRUE to render figures with captions
<code>highlight</code>	Syntax highlighting style. Supported styles include "default", "tango", "pygments", "kate", "monochrome", "espresso", "zenburn", "haddock", and "textmate". Pass NULL to prevent syntax highlighting.
<code>lightbox</code>	if TRUE, add lightbox effect to content images
<code>thumbnails</code>	if TRUE display content images as thumbnails
<code>gallery</code>	if TRUE and <code>lightbox</code> is TRUE, add a gallery navigation between images in lightbox display
<code>toc_depth</code>	adjust table of contents depth
<code>embed_fonts</code>	if TRUE, use local files for fonts used in the template. This leads to bigger files but ensures that these fonts are available.
<code>use_bookdown</code>	if TRUE, uses html_document2 instead of html_document , thus providing numbered sections and cross references

pandoc_args arguments passed to the pandoc_args argument of rmarkdown [html_document](#)
 md_extensions arguments passed to the md_extensions argument of rmarkdown [html_document](#)
 mathjax set to NULL to disable Mathjax insertion
 ... Additional function arguments passed to R Markdown [html_document](#)

Details

CSS taken from the docute project and adaptations made by John Coene.

Value

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

html_clean	<i>Convert to an HTML document</i>
------------	------------------------------------

Description

Format for converting from R Markdown to an HTML document.

Usage

```

html_clean(
  fig_width = 6,
  fig_height = 6,
  fig_caption = TRUE,
  highlight = "kate",
  lightbox = TRUE,
  thumbnails = TRUE,
  gallery = FALSE,
  toc = TRUE,
  toc_depth = 2,
  use_bookdown = FALSE,
  pandoc_args = NULL,
  md_extensions = NULL,
  mathjax = "rmdformats",
  ...
)

```

Arguments

fig_width Default width (in inches) for figures
 fig_height Default width (in inches) for figures
 fig_caption TRUE to render figures with captions

highlight	Syntax highlighting style. Supported styles include "default", "tango", "pygments", "kate", "monochrome", "espresso", "zenburn", "haddock", and "textmate". Pass NULL to prevent syntax highlighting.
lightbox	if TRUE, add lightbox effect to content images
thumbnails	if TRUE display content images as thumbnails
gallery	if TRUE and lightbox is TRUE, add a gallery navigation between images in lightbox display
toc	if TRUE, display a table of contents
toc_depth	adjust table of contents depth
use_bookdown	if TRUE, uses html_document2 instead of html_document , thus providing numbered sections and cross references
pandoc_args	arguments passed to the pandoc_args argument of rmarkdown html_document
md_extensions	arguments passed to the md_extensions argument of rmarkdown html_document
mathjax	set to NULL to disable Mathjax insertion
...	Additional function arguments passed to R Markdown html_document

Details

Styling and features are very similar to the ones from the great knitrBootstrap package by Jim Hester : <https://github.com/jimhester/knitrBootstrap>

Value

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

html_docco	<i>Convert to an HTML document</i>
------------	------------------------------------

Description

Format for converting from R Markdown to an HTML document.

Usage

```
html_docco(
  fig_width = 6,
  fig_height = 6,
  fig_caption = TRUE,
  highlight = "pygments",
  lightbox = TRUE,
  thumbnails = TRUE,
  gallery = FALSE,
  use_bookdown = FALSE,
  pandoc_args = NULL,
```

```

    md_extensions = NULL,
    mathjax = "rmdformats",
    ...
)

```

Arguments

fig_width	Default width (in inches) for figures
fig_height	Default width (in inches) for figures
fig_caption	TRUE to render figures with captions
highlight	Syntax highlighting style. Supported styles include "default", "tango", "pygments", "kate", "monochrome", "espresso", "zenburn", "haddock", and "textmate". Pass NULL to prevent syntax highlighting.
lightbox	if TRUE, add lightbox effect to content images
thumbnails	if TRUE display content images as thumbnails
gallery	if TRUE and lightbox is TRUE, add a gallery navigation between images in lightbox display
use_bookdown	if TRUE, uses html_document2 instead of html_document , thus providing numbered sections and cross references
pandoc_args	arguments passed to the pandoc_args argument of rmarkdown html_document
md_extensions	arguments passed to the md_extensions argument of rmarkdown html_document
mathjax	set to NULL to disable Mathjax insertion
...	Additional function arguments passed to rmarkdown html_document

Details

The CSS is heavily inspired from the default one of the docco project : <https://ashkenas.com/docco/>.

Value

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

knit_print.pilltabs *knitr printing function for pilltabs*

Description

Not to be used directly

Usage

```

## S3 method for class 'pilltabs'
knit_print(res, ...)

```

Arguments

res data to be printed, generated by [pilltabs](#)
 ... arguments passed to other methods

lockdown *Convert to an HTML document*

Description

Format for converting from R Markdown to an HTML document.

Usage

```
lockdown(...)
```

Arguments

... Additional function arguments passed to R Markdown [html_document](#)

Details

TODO

Value

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

material *Material design - bootstrap HTML output format*

Description

Format for converting from R Markdown to an HTML document with a material design theme.

Usage

```
material(
  fig_width = 6,
  fig_height = 6,
  fig_caption = TRUE,
  highlight = "kate",
  lightbox = TRUE,
  thumbnails = TRUE,
  gallery = FALSE,
  cards = TRUE,
```

```

    use_bookdown = FALSE,
    pandoc_args = NULL,
    md_extensions = NULL,
    mathjax = "rmdformats",
    ...
)

```

Arguments

<code>fig_width</code>	Default width (in inches) for figures
<code>fig_height</code>	Default width (in inches) for figures
<code>fig_caption</code>	TRUE to render figures with captions
<code>highlight</code>	Syntax highlighting style. Supported styles include "default", "tango", "pygments", "kate", "monochrome", "espresso", "zenburn", "haddock", and "textmate". Pass NULL to prevent syntax highlighting.
<code>lightbox</code>	if TRUE, add lightbox effect to content images
<code>thumbnails</code>	if TRUE display content images as thumbnails
<code>gallery</code>	if TRUE and <code>lightbox</code> is TRUE, add a gallery navigation between images in lightbox display
<code>cards</code>	if TRUE, sections will be presented as distinct and animated cards
<code>use_bookdown</code>	if TRUE, uses <code>html_document2</code> instead of <code>html_document</code> , thus providing numbered sections and cross references
<code>pandoc_args</code>	arguments passed to the <code>pandoc_args</code> argument of <code>rmarkdown::html_document</code>
<code>md_extensions</code>	arguments passed to the <code>md_extensions</code> argument of <code>rmarkdown::html_document</code>
<code>mathjax</code>	set to NULL to disable Mathjax insertion
<code>...</code>	Additional function arguments passed to R Markdown <code>html_document</code>

Details

JavaScript and CSS taken and adapted from the Material design theme for Bootstrap 3 project : <https://github.com/FezVrasta/bootstrap-material-design>.

Value

R Markdown output format to pass to `render`

pilltabs

Given a cross-table, outputs HTML code to display several views of with a tabbed interface

Description

Given a two dimensions contingency tables, this function outputs HTML code to display, within a dynamic tabbed interface, the count, line row percentages, column percentages and chi-squared residuals tables.

Usage

```
pilltabs(  
  tab,  
  count = TRUE,  
  rows = TRUE,  
  cols = TRUE,  
  chisq = TRUE,  
  resid = TRUE,  
  row.names = TRUE  
)
```

Arguments

tab	a two dimensions table object
count	wether or not to the display the count table
rows	wether or not to the display the row percentages table
cols	wether or not to the display the column percentages table
chisq	wether or not to the display the table chi-squared test results
resid	wether or not to the display the chi-squared residuals table
row.names	wether or not to display the table row names

Details

The function is intended to be called inside an rmarkdown document.

Value

No value is returned.

Examples

```
data(airquality)  
tab <- table(airquality$Month, airquality$Ozone > 25)  
pilltabs(tab)
```

print.pilltabs	<i>Printing function for pilltabs</i>
----------------	---------------------------------------

Description

Not to be used directly

Usage

```
## S3 method for class 'pilltabs'  
print(x, ...)
```

Arguments

x	data to be printed, generated by pilltabs
...	arguments passed to other methods

readthedown	<i>Convert to an HTML document</i>
-------------	------------------------------------

Description

Format for converting from R Markdown to an HTML document.

Usage

```
readthedown(  
  fig_width = 8,  
  fig_height = 5,  
  fig_caption = TRUE,  
  highlight = "kate",  
  lightbox = FALSE,  
  thumbnails = FALSE,  
  gallery = FALSE,  
  toc_depth = 2,  
  embed_fonts = TRUE,  
  use_bookdown = FALSE,  
  pandoc_args = NULL,  
  md_extensions = NULL,  
  mathjax = "rmdformats",  
  ...  
)
```

Arguments

<code>fig_width</code>	Default width (in inches) for figures
<code>fig_height</code>	Default width (in inches) for figures
<code>fig_caption</code>	TRUE to render figures with captions
<code>highlight</code>	Syntax highlighting style. Supported styles include "default", "tango", "pygments", "kate", "monochrome", "espresso", "zenburn", "haddock", and "textmate". Pass NULL to prevent syntax highlighting.
<code>lightbox</code>	if TRUE, add lightbox effect to content images
<code>thumbnails</code>	if TRUE display content images as thumbnails
<code>gallery</code>	if TRUE and <code>lightbox</code> is TRUE, add a gallery navigation between images in lightbox display
<code>toc_depth</code>	adjust table of contents depth
<code>embed_fonts</code>	if TRUE, use local files for fonts used in the template. This leads to bigger files but ensures that these fonts are available.
<code>use_bookdown</code>	if TRUE, uses <code>html_document2</code> instead of <code>html_document</code> , thus providing numbered sections and cross references
<code>pandoc_args</code>	arguments passed to the <code>pandoc_args</code> argument of rmarkdown <code>html_document</code>
<code>md_extensions</code>	arguments passed to the <code>md_extensions</code> argument of rmarkdown <code>html_document</code>
<code>mathjax</code>	set to NULL to disable Mathjax insertion
<code>...</code>	Additional function arguments passed to R Markdown <code>html_document</code>

Details

CSS adapted from the readtheorg theme of the org-html-themes project : <https://github.com/fniessen/org-html-themes>, which is itself inspired by the Read the docs theme : <https://readthedocs.org/>.

Value

R Markdown output format to pass to `render`

robobook

Convert to an HTML document

Description

Format for converting from R Markdown to an HTML document.

Usage

```
robobook(
  fig_width = 8,
  fig_height = 5,
  fig_caption = TRUE,
  highlight = "kate",
  lightbox = FALSE,
  thumbnails = FALSE,
  gallery = FALSE,
  toc_depth = 2,
  embed_fonts = TRUE,
  use_bookdown = FALSE,
  pandoc_args = NULL,
  md_extensions = NULL,
  mathjax = "rmdformats",
  ...
)
```

Arguments

<code>fig_width</code>	Default width (in inches) for figures
<code>fig_height</code>	Default width (in inches) for figures
<code>fig_caption</code>	TRUE to render figures with captions
<code>highlight</code>	Syntax highlighting style. Supported styles include "default", "tango", "pygments", "kate", "monochrome", "espresso", "zenburn", "haddock", and "textmate". Pass NULL to prevent syntax highlighting.
<code>lightbox</code>	if TRUE, add lightbox effect to content images
<code>thumbnails</code>	if TRUE display content images as thumbnails
<code>gallery</code>	if TRUE and <code>lightbox</code> is TRUE, add a gallery navigation between images in lightbox display
<code>toc_depth</code>	adjust table of contents depth
<code>embed_fonts</code>	if TRUE, use local files for fonts used in the template. This leads to bigger files but ensures that these fonts are available.
<code>use_bookdown</code>	if TRUE, uses html_document2 instead of html_document , thus providing numbered sections and cross references
<code>pandoc_args</code>	arguments passed to the <code>pandoc_args</code> argument of <code>rmarkdown::html_document</code>
<code>md_extensions</code>	arguments passed to the <code>md_extensions</code> argument of <code>rmarkdown::html_document</code>
<code>mathjax</code>	set to NULL to disable Mathjax insertion
<code>...</code>	Additional function arguments passed to R Markdown html_document

Details

CSS adapted from the bookdown project, with Roboto family fonts.

Value

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

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