Package ‘rmddformats’

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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, DT, palmerpenguins, ggplot2
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BugReports https://github.com/juba/rmdformats/issues
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downcute  

Convert to an HTML document

Description

Format for converting from R Markdown to an HTML document.

Usage

downcute(
  fig_width = 8,
  fig_height = 5,
  fig_caption = TRUE,
  lightbox = FALSE,
  thumbnails = FALSE,
  gallery = FALSE,
  toc_depth = 2,
  embed_fonts = TRUE,
  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
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_depth  adjust table of contents depth
embed_fonts if TRUE, use local files for fonts used in the template. This leads to bigger files but ensures that these fonts are available. If FALSE they are downloaded from Google Web Fonts.
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
**html_clean**

**Details**

CSS taken from the docute project and adaptations made by John Coene. Please note that as syntax highlighting is done with the Prism JavaScript library, using the ‘highlight’ argument here will have no effect.

**Value**

R Markdown output format to pass to `render`

---

**html_clean**

*Convert to an HTML document*

**Description**

Format for converting from R Markdown to an HTML document.

**Usage**

```r
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 = "rmformats",
  ...
)
```

**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**
- **lightbox**
  - if TRUE, add lightbox effect to content images
- **thumbnails**
  - if TRUE display content images as thumbnails
html_docco

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 Convert to an HTML document

Description

Format for converting from R Markdown to an HTML document.

Usage

html_docco(
  fig_width = 6,
  fig_height = 6,
  fig_caption = TRUE,
  highlight = "kate",
  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
- **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/](https://ashkenas.com/docco/)

Value

R Markdown output format to pass to `render`

---

**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
R Markdown output format to pass to `render`

**Description**

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

**Usage**

```r
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**

- `fig_width`: Default width (in inches) for figures
- `fig_height`: Default width (in inches) for figures
- `fig_caption`: `TRUE` to render figures with captions
- `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
- `cards`: if `TRUE`, sections will be presented as distinct and animated cards
- `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`
pilltabs

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

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        whether or not to display the count table
rows         whether or not to display the row percentages table
cols         whether or not to display the column percentages table
chisq        whether or not to display the table chi-squared test results
resid        whether or not to display the chi-squared residuals table
row.names    whether 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

Printing functions for pilltabs

Description

Not to be used directly

Usage

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

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

Arguments

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

fig_width Default width (in inches) for figures
fig_height Default width (in inches) for figures
fig_caption TRUE to render figures with captions
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_depth adjust table of contents depth
embed_fonts if TRUE, use local files for fonts used in the template. This leads to bigger files but ensures that these fonts are available. If FALSE they are downloaded from Google Web Fonts.
use_bookdown if TRUE, uses html_document2 instead of html_document, thus providing numbered sections and cross references
robobook

- `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 adapted from the readtheorg theme of the org-html-themes project: [https://github.com/fniessen/org-html-themes](https://github.com/fniessen/org-html-themes), which is itself inspired by the Read the docs theme: [https://readthedocs.org/](https://readthedocs.org/).

**Value**

R Markdown output format to pass to `render`.

---

**Description**

Format for converting from R Markdown to an HTML document.

**Usage**

```r
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**

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

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_depth  adjust table of contents depth

embed_fonts  if TRUE, use local files for fonts used in the template. This leads to bigger files but ensures that these fonts are available. If FALSE they are downloaded from Google Web Fonts.

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

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

Value

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