

Package ‘knitrBootstrap’

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Title 'knitr' Bootstrap Framework

Description

A framework to create Bootstrap <<https://getbootstrap.com/>> HTML reports from 'knitr' 'rmarkdown'.

Depends R (>= 3.0.0)

Imports knitr (>= 1.5.25), rmarkdown, markdown

Suggests testthat, roxygen2, corrplot, ggplot2, igraph, maps, mapproj, plyr, reshape2, xtable

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URL <https://github.com/jimhester/knitrBootstrap#readme>

BugReports <https://github.com/jimhester/knitrBootstrap/issues>

VignetteBuilder knitr

RoxygenNote 6.0.1

NeedsCompilation no

Repository CRAN

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bootstrap_document *Convert to a Bootstrap styled HTML document*

Description

rmarkdown Format for converting from R markdown to Bootstrap styled HTML

Usage

```
bootstrap_document(title = NULL, theme = "default",
  highlight = "highlightjs", theme.chooser = FALSE,
  highlight.chooser = FALSE, menu = TRUE, custom.header = NULL,
  clean_supporting = TRUE)
```

Arguments

| | |
|-------------------|--|
| title | Title to use in the bootstrap document |
| theme | Visual theme ('Default', 'Amelia', 'Cerulean', 'Cosmo', 'Cyborg', 'Journal', 'Flatly', 'Readable', 'Simplex', 'Slate', 'Spacelab', 'United'). |
| highlight | Syntax highlighting style ('HighlightJs', 'Dark', 'Far', 'Idea', 'Sunburst', 'Zenburn', 'Visual Studio', 'Ascetic', 'Magula', 'Github', 'Google Code', 'Brown Paper', 'School Book', 'IR Black', 'Solarized - Dark', 'Solarized - Light', 'Arta', 'Monokai', 'Xcode', 'Pojoaque', 'Rainbow', 'Tomorrow', 'Tomorrow Night', 'Tomorrow Night Bright', 'Tomorrow Night Blue', 'Tomorrow Night Eighties'). |
| theme.chooser | Adds a dynamic theme chooser to the page, pass 'TRUE' to include. |
| highlight.chooser | Adds a dynamic highlight chooser to the page, pass 'TRUE' to include. |
| menu | Whether to show the menu or not. |
| custom.header | HTML file containing any extra header logic such as external script or CSS includes. |
| clean_supporting | Whether to clean supporting files or not. |

See Also

[render](#)

| | |
|----------------|--|
| bootstrap_HTML | <i>Add the knitrBootstrap html header to an HTML file produced by knitr.</i> |
|----------------|--|

Description

This function includes the knitrBootstrap HTML headers to wrap the knitr output in bootstrap styled HTML.

Usage

```
bootstrap_HTML(input, output = NULL)
```

Arguments

| | |
|--------|---|
| input | html filename to be wrapped with Bootstrap. |
| output | html filename to output. |

| | |
|----------------|---|
| knitrBootstrap | knitrBootstrap <i>A framework to create Bootstrap 3 HTML reports from knitr Rmarkdown. Knitr Bootstrap includes a bootstrap_document custom rendering function for use with the rmarkdown https://rmarkdown.rstudio.com/ package.</i> |
|----------------|---|

Description

You can also specify the options in your YAML front-matter, see the rmarkdown documentation for examples.

Examples

```
## Not run:
library(rmarkdown)
library(knitrBootstrap)

render('input.Rmd', bootstrap_document())

#with some options
render('input.Rmd', bootstrap_document(title='Test', highlight='Github',
  theme='Slate', theme.chooser=TRUE, highlight.chooser=TRUE))

## End(Not run)
```

| | |
|----------------|--|
| knit_bootstrap | <i>knit a Rmd file and wrap it in bootstrap styles</i> |
|----------------|--|

Description

This function includes the knitrBootstrap HTML headers to wrap the knitr output in bootstrap styled HTML.

Usage

```
knit_bootstrap(input, output = NULL, ...)
```

Arguments

| | |
|--------|---|
| input | Rmd input file to knit into HTML |
| output | HTML output file created, if NULL uses the input filename with the extension changed to .html |
| ... | options passed to knit |

See Also

[knit_bootstrap_md](#)

| | |
|-------------------|---|
| knit_bootstrap_md | <i>knit a md file and wrap it in bootstrap styles</i> |
|-------------------|---|

Description

This function includes the knitrBootstrap HTML headers to wrap the knitr output in bootstrap styled HTML.

Usage

```
knit_bootstrap_md(input, output = NULL)
```

Arguments

| | |
|--------|---|
| input | md input file to be converted to HTML' |
| output | HTML output file created, if NULL uses the input filename with the extension changed to .html |

See Also

[knit_bootstrap](#) [knit](#), [markdownToHTML](#)

| | |
|------------------|---|
| render_bootstrap | <i>Set knitr bootstrap output functions</i> |
|------------------|---|

Description

This function sets the appropriate knitr output hooks to produce a bootstrap styled report.

Usage

```
render_bootstrap()
```

Details

This will allow use of the knitr bootstrap output hooks without the rmarkdown package. Note you still need to use pandoc to generate the HTML document, as the sundown library in the markdown package cannot handle markdown embedded in HTML tags, which knitr bootstrap uses.

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