

# Package ‘knitrBootstrap’

July 19, 2017

**Version** 1.0.1

**Maintainer** Jim Hester <james.f.hester@gmail.com>

**Author** Jim Hester

**Title** 'knitr' Bootstrap Framework

**Description** A framework to create Bootstrap <<http://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, maptools, plyr, reshape2, xtable

**License** MIT + file LICENSE

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

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

**VignetteBuilder** knitr

**RoxygenNote** 6.0.1

**NeedsCompilation** no

**Repository** CRAN

**Date/Publication** 2017-07-19 18:00:24 UTC

## R topics documented:

bootstrap_document . . . . .	2
bootstrap_HTML . . . . .	3
knitrBootstrap . . . . .	3
knit_bootstrap . . . . .	4
knit_bootstrap_md . . . . .	4
render_bootstrap . . . . .	5
<b>Index</b>	<b>6</b>

---

bootstrap_document	<i>Convert to a Bootstrap styled HTML document</i>
--------------------	--

---

## 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	<b>knitrBootstrap</b> <i>A framework to create Bootstrap 3 HTML reports from knitr Rmarkdown. Knitr Bootstrap includes a <a href="#">bootstrap_document</a> custom rendering function for use with the rmarkdown <a href="http://rmarkdown.rstudio.com/">http://rmarkdown.rstudio.com/</a> 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 <a href="#">knit</a>

**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.

# Index

bootstrap\_document, [2](#), [3](#)  
bootstrap\_HTML, [3](#)

knit, [4](#)  
knit\_bootstrap, [4](#), [4](#)  
knit\_bootstrap\_md, [4](#), [4](#)  
knit\_bootstrap\_Rmd (knit\_bootstrap), [4](#)  
knitrBootstrap, [3](#)  
knitrBootstrap-package  
    (knitrBootstrap), [3](#)

markdownToHTML, [4](#)

render, [2](#)  
render\_bootstrap, [5](#)