

Package ‘minidown’

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Type Package

Title Create Simple Yet Powerful HTML Documents with Light Weight CSS Frameworks

Version 0.0.3

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Description Create minimal, responsive, and style-agnostic HTML documents with the lightweight CSS frameworks such as 'sakura', 'Water.css', and 'mini.css'. Powerful features include floating table of contents as a sidebar, code folding of source, output, message, warning, and error, and accordion menus. They work without JavaScript.

URL <https://minidown.atusy.net>, <https://github.com/atusy/minidown>

BugReports <https://github.com/atusy/minidown/issues>

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Encoding UTF-8

Language en-US

LazyData true

RoxygenNote 7.1.1

Imports htmltools, knitr, rmarkdown, xfun

Suggests testthat (>= 2.1.0)

SystemRequirements pandoc (>= 2.7.2) - <http://pandoc.org>

NeedsCompilation no

Repository CRAN

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download_rmd_button	<i>Generate an HTML widget to download input Rmd file</i>
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Description

The button can self-contain the input data by base64 encoding.

Usage

```
download_rmd_button(
  input = NULL,
  text = "Download Rmd",
  ...,
  class = "button",
  align = "right",
  aside = TRUE,
  embed = NULL
)
```

Arguments

input	Filename of the input. If NULL, the function automatically detects the name of the knitting Rmd file.
text	The text for the hyperlink.
...	Arguments passed to the embed function.
class	HTML class(es) given to the anchor element generated by embed (default: "button").
align	Align the button by CSS's text-align attribute. This feature is disabled when aside is FALSE
aside	Whether to wrap the anchor element by the aside element.
embed	A function to embed file(s). One of xfun::embed_file, xfun::embed_files, or xfun::embed_dir.

Value

shiny.tag class object.

Examples

```

set.seed(1L)

input <- tempfile()
writeLines("", input)
download_rmd_button(input)

# Requires zip command
if (interactive()) {
  input <- tempdir()
  download_rmd_button(input, embed = xfun::embed_dir)
}

```

frameworks

Lightweight CSS frameworks meta data

Description

To see the names of the frameworks, run `names(frameworks)`. To see the names of themes of a framework, say "mini", run `names(frameworks$mini$stylesheet)`

Usage

```
frameworks
```

Format

A list

mini_document

Convert to an HTML document powered by the lightweight CSS framework.

Description

The output format is HTML5 in general. If `framework = "bootstrap"` is given, the output format becomes HTML4 and comparable to `rmarkdown::html_document` except for the behavior of the `code_folding` option.

Usage

```

mini_document(
  framework = "sakura",
  theme = "default",
  toc = FALSE,
  toc_float = FALSE,
  code_folding = c("none", "show", "hide"),
  results_folding = c("none", "show", "hide"),
  code_download = FALSE,
  self_contained = TRUE,
  math = "katex",
  template = "default",
  extra_dependencies = NULL,
  includes = list(),
  keep_md = FALSE,
  pandoc_args = NULL,
  ...
)

```

Arguments

framework, theme	A string to specify the name of a framework (default: "sakura") and its theme (default: "default"). Note that theme = "default" is a special keyword which selects a theme defined as default internally. See frameworks for available light weight CSS frameworks and their themes.
toc	TRUE to include a table of contents in the output
toc_float	TRUE to float the table of contents to the left of the main document content.
code_folding	Setup code folding by a string or a named list. A choice for the string are "none" to disable, "show" to enable and show all by default), and "hide" to enable and hide all by default. If a named list, each element may have one of the above strings. Names are some of "source", "output", "message", "warning", and "error". If the list does not have some of the element with the above name, they are treated as "none".
results_folding	Setup results folding by a string, "none", "show", or "hide". This feature will fold entire results, including side effects such as figures and tables.
code_download	If TRUE and framework = "bootstrap", the output includes Rmd file itself and supplies download button of it.
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).
math	A string to specify math rendering engine (default: "katex"). If the value is other than "katex", the result depends on the framework option. When the given framework is "bootstrap", the math option is passed to the mathjax

	option of <code>rmarkdown::html_document</code> . Otherwise, pandoc's built-in feature renders math expressions to unicode characters.
<code>template</code>	Pandoc template. If "default", the package's internal template is used. If a path, user's original template is used. If NULL, pandoc's internal template is used.
<code>extra_dependencies</code>	Additional function arguments to pass to the base R Markdown HTML output formatter <code>html_document_base</code>
<code>includes</code>	Named list of additional content to include within the document (typically created using the <code>includes</code> function).
<code>keep_md</code>	Keep the markdown file generated by knitting.
<code>pandoc_args</code>	Additional command line options to pass to pandoc
<code>...</code>	Arguments passed to <code>rmarkdown::html_document</code>

Examples

```
## Not run:  
library(rmarkdown)  
library(minidown)  
render("input.Rmd", mini_document)  
  
## End(Not run)
```

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