Package 'minidown'

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Type Package

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

Version 0.4.0

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Description Create minimal, responsive, and style-agnostic HTML documents with the lightweight CSS frameworks such as 'sakura', 'Water.css', and 'spcss'. Powerful features include table of contents floating as a sidebar, folding codes and results, and more.

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

RoxygenNote 7.1.1

Imports htmltools, katex, knitr, mime, rmarkdown, sass, xfun

Suggests callr, dplyr, purrr, shiny, testthat (>= 2.1.0), tidyr, tibble

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

VignetteBuilder knitr

NeedsCompilation no

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R **topics documented:**

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download_rmd_button   *Generate an HTML widget to download input Rmd file*

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)
}
```

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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

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mini_document	*Convert to an HTML document powered by the lightweight CSS frame-work.*

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,
  toc_highlight = FALSE,
  section_divs = TRUE,
  code_folding = c("none", "show", "hide"),
  results_folding = c("none", "show", "hide"),
  tabset = FALSE,
  code_download = FALSE,
  self_contained = TRUE,
  math = "katex_serverside",
  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. If you want to scratch styles by your-
> self, use framework = "none".

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.

toc_highlight   This is an experimental feature. TRUE highlights the table of contents according
                to the browser's viewport.

section_divs   Wrap sections in <div> tags, and attach identifiers to the enclosing <div> rather
                than the header itself.

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.

tabset   TRUE converts sections to tabs if they belong to the tabset-class section. The
                tabs inherit names from the corresponding sections. Unlike rmarkdown::html_document,

the tabs can be navigated by table of contents, and can be shared by unique URLs. Note that `framework = "bootstrap"` falls back to the native feature of rmarkdown::html_document. This feature also requires `section_divs = TRUE`.

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   This is a good choice when you want to exclude JavaScript from the output. The default value `"katex"` attempts client-side rendreing, but falls back to server-side rendering, i.e. `"katex_serverside"`, when runtime is shiny or shiny_prerendered. Otherwise, if the `framework` is `"bootstrap"`, this option is passed to the `mathjax` argument of rmarkdown::html_document.

template   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.

extra_dependencies

Additional function arguments to pass to the base R Markdown HTML output formatter [html_document_base](#)

includes   Named list of additional content to include within the document (typically created using the [includes](#) function).

keep_md   Keep the markdown file generated by knitting.

pandoc_args   Additional command line options to pass to pandoc

...   Arguments passed to rmarkdown::html_document

Examples

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


## End(Not run)
```

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