

Package ‘scientific’

July 23, 2025

Type Package

Title Two Highly Customizable 'rmarkdown' Themes for Scientific Reports

Version 2025.1

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Description Offers 'markdown' output formats designed with various styles, allowing users to generate HTML reports tailored for scientific or machine learning showcase. The output has a contemporary appearance with vibrant visuals, providing numerous styles for effective highlighting. Created using the 'tufte' <<https://rstudio.github.io/tufte/>> package code as a starting point.

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URL <https://scientific.obianom.com>

BugReports <https://github.com/oobianom/scientific/issues>

Imports htmltools, knitr, rmarkdown, xfun

Suggests testthat

Encoding UTF-8

Config/testthat/edition 3

VignetteBuilder knitr

Language en-US

LazyData false

RoxygenNote 7.2.3

NeedsCompilation no

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Repository CRAN

Date/Publication 2025-03-05 10:50:03 UTC

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newthought

*Scientific handout formats (PDF and HTML)***Description**

Template for creating scientific handout

Usage

```
newthought(text)

margin_note(text, icon = "&#8853;")

quote_footer(text)

sans_serif(text)

html(..., template = "template1")
```

Arguments

text	A character string to be presented as a “new thought” (using small caps), or a margin note, or a footer of a quote
icon	A character string to indicate there is a hidden margin note when the page width is too narrow (by default it is a circled plus sign)
...	Other arguments to be passed to [html_document()] (note you cannot use the ‘theme’ argument in ‘html()’; this arguments have been set internally)
template	template name to use

Details

‘newthought()’ can be used in inline R expressions in R Markdown “‘r newthought(Some text)’” and it works for both HTML (‘text’) and PDF (‘\newthought{text}’) output.

‘margin_note()’ can be used in inline R expressions to write a margin note (like a sidenote but not numbered).

‘quote_footer()’ formats text as the footer of a quote. It puts ‘text’ in ‘<footer></footer>’ for HTML output, and after ‘\hfill’ for LaTeX output (to right-align text).

‘sans_serif()’ applies sans-serif fonts to ‘text’.

‘handout()’ provides the PDF format

‘html()’ provides the HTML format based on the scientific CSS

Value

an HTML notebook output based on the R markdown document provided

Note

Template options include "template1" and "template2"

Examples

```
newthought("In this section")
## Not run:
# for Rmd to HTML
library(rmarkdown)
library(scientific)
rmdfile <- "input.Rmd"
rmarkdown::render(rmdfile,
  scientific::html(
    toc = TRUE,
    toc_depth = 2))

## End(Not run)
```

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