

Package ‘roxygen2md’

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Title 'Roxygen' to 'Markdown'

Version 1.0.1

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Description Converts elements of 'roxygen' documentation to 'markdown'.

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URL <https://roxygen2md.r-lib.org/>, <https://github.com/r-lib/roxygen2md>

BugReports <https://github.com/r-lib/roxygen2md/issues>

Imports brio, cli, desc, devtools, rex, rlang, tibble, usethis

Suggests rstudioapi, testthat (>= 3.0.0)

Encoding UTF-8

RoxygenNote 7.3.1

Config/testthat/edition 3

Config/Needs/website tidyverse/tidytemplate

NeedsCompilation no

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find_rd

Searches plain Rd in R source files

Description

Looks for Rd-like code in roxygen2 comments, especially useful after running `roxygen2md()`. This function is designed for interactive use.

Usage

```
find_rd()
```

Value

A tidy data frame that has a `print()` method that also interacts with the RStudio API.

Examples

```
if (interactive()) {  
  # Show remaining Rd syntax after conversion.  
  find_rd()  
}
```

markdownify

Convert text to Markdown

Description

Converts a character vector from Rd to Markdown.

The scope argument controls the depth of the transformation.

With scope = "none", no transformations are carried out. The only effect is that Markdown is enabled for this package.

With scope = "simple", the following elements are converted:

- `\\code{}`
- `\\emph{}`
- `\\bold{}` and `\\strong{}`
- `\\href{}`
- `\\url{}`

With scope = "full", the following elements are converted in addition:

- `\\code{\\link{}}` and `\\link{}`, with `[]` options
- `\\linkS4class{}`

With scope = "unlink", *only* the following elements are translated:

- `\\link{...}` to ...

With scope = "indent", @param and @return tags spanning multiple lines are indented with two spaces.

Usage

```
markdownify(text, scope = c("full", "simple", "unlink", "indent", "none"))
```

Arguments

text	A character vector containing .Rd style annotations.
scope	The scope of transformations: "simple" runs only transformations that shouldn't substantially change the resulting .Rd files, "full" runs all transformations. In larger packages, run "none", double-check and track the changes, and then run "simple" and then "full".

Value

The same vector with .Rd style annotations converted to Markdown style annotations.

Examples

```
text <- c(
  "Both \\emph{italics} and \\bold{bold} text.",
  paste0("We can also convert code: \\", "code{\\", "link{identity}}.")
)

text
markdownify(text)
```

 roxygen2md

Convert from Rd to Markdown in roxygen2 comments

Description

Performs various substitutions in all .R files in a package to make use of the Markdown functionality in roxygen2. This function is designed for interactive use, see [markdownify\(\)](#) for details on the transformations. Also attempts to enable Markdown support in roxygen2 by adding a field to DESCRIPTION. Carefully examine the results after running this function!

Usage

```
roxygen2md(scope = c("full", "simple", "unlink", "indent", "none"))
```

Arguments

scope The scope of transformations: "simple" runs only transformations that shouldn't substantially change the resulting .Rd files, "full" runs all transformations. In larger packages, run "none", double-check and track the changes, and then run "simple" and then "full".

Value

List of changed files, invisibly

Examples

```
if (interactive()) {
  # Convert roxygen to Markdown in one run
  roxygen2md()
}

# Alternatively, convert in three steps:
if (interactive()) {
  # 1. Enable Markdown processing
  roxygen2md("none")

  menu("Please examine/commit the changes and press 1 <enter> to continue.")

  # 2. Convert simple markup
  roxygen2md("simple")

  menu("Please examine/commit the changes and press 1 <enter> to continue.")

  # 3. (Optionally) Remove some of the \code{} expressions
  roxygen2md("unlink")

  menu(paste0(
    "Please remove all unwanted changes, commit the wanted ones, ",
    "and press 1 <enter> to continue."
  ))

  # 4. Convert everything, including links
  roxygen2md("full")
}
```

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