

# 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'.

**License** GPL-3

**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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**Repository** CRAN

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find\_rd

*Searches plain Rd in R source files*

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**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

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

## 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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