

# Package: Rd2md (via r-universe)

September 15, 2024

**Title** Markdown Reference Manuals

**Version** 1.0.1

**Description** Native R only allows PDF exports of reference manuals. The 'Rd2md' package converts the package documentation files into markdown files and combines them into a markdown version of the package reference manual.

**Depends** R (>= 3.6)

**Imports** tools

**Suggests** knitr, testthat, rmarkdown, devtools

**License** GPL

**Encoding** UTF-8

**VignetteBuilder** knitr

**Roxygen** list(markdown = TRUE)

**RoxygenNote** 7.2.3

**URL** <https://github.com/quantsch/rd2md>

**BugReports** <https://github.com/quantsch/rd2md/issues>

**Repository** <https://quantsch.r-universe.dev>

**RemoteUrl** <https://github.com/quantsch/rd2md>

**RemoteRef** HEAD

**RemoteSha** 5c0f3c63fdd3eb425450a41cab0a87ed64673674

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Rd2md-package      *Reference Manual in Markdown*

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**Description**

Functions to parse and convert Rd files to markdown format reference manual.

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**See Also**

knitr

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as\_markdown      *Parse into Markdown*

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**Description**

S3 Methods to parse different classes into Markdown.

**Usage**

```
as_markdown(x, ...)
```

**Arguments**

x	Object
...	Further arguments passed to methods

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md\_document      *Output Format Markdown*

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**Description**

Specifies markdown output format parameters.

**Usage**

```
md_document(
  file_ext = ".md",
  section_level = 1,
  date_format = "%F",
  toc = FALSE
)
```

**Arguments**

file_ext	File extension, if default output_file name
section_level	Initial section level, subsection level n will consequently be section_level + n
date_format	See format argument of <code>base::strptime()</code>
toc	Currently not implemented. If table of contents should be included in reference manual.

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output_format	<i>Output Format Definition</i>
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**Description**

Specifies output format parameters.

**Usage**

```
output_format(output_class_suffix, file_ext, parse_fun, ...)
```

**Arguments**

output_class_suffix	Suffix to class name. E.g. md for output_format_md.
file_ext	File extension, if default output_file name.
parse_fun	Parsing function, should be a generic S3 method.
...	Named arguments inserted into list structure output and eventually passed as arguments to parse_fun.

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rd_str_to_md	<i>Translate an Rd string to markdown</i>
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**Description**

Note that this will always end in one newline `\n`.

**Usage**

```
rd_str_to_md(x, fragment = TRUE, ...)
```

**Arguments**

x	Rd string. Backslashes must be double-escaped ( <code>"\"</code> ).
fragment	logical indicating whether this represents a complete Rd file
...	additional arguments for <code>as_markdown</code>

**Examples**

```
rd_str_to_md("a\n%b\nc")

rd_str_to_md("a & b")

rd_str_to_md("\\strong{\\emph{x}}")

rd_str_to_md("\\enumerate{\\item test 1\n\\item test 2}")
rd_str_to_md("wrapped \\itemize{\\item test 1\n\\item test 2} in text")
```

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read_rdfile	<i>Read .Rd file</i>
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**Description**

And return object of class rdfile

**Usage**

```
read_rdfile(path, subclass = NULL)
```

**Arguments**

path	File path of *.Rd-file
subclass	Potential subclass of returned rdfile object

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render_refman	<i>Create Markdown Reference Manual</i>
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**Description**

This is a wrapper to combine the Rd files of a package source or binary into a reference manual in markdown format.

**Usage**

```
render_refman(pkg = getwd(), output_file = NULL, output_format = md_document())
```

**Arguments**

pkg	Full path to package directory. Default value is the current working directory. Alternatively, a package name can be passed as string. If this is the case, <code>base::find.package()</code> is applied.
output_file	Specify outputfile, including file extension
output_format	Output format function. See <code>output_format()</code> . Default is <code>md_document()</code> , but one could provide a custom output format.

## References

Murdoch, D. (2010). [Parsing Rd files](#)

## See Also

- Package [Rd2markdown](#), on which the original version was based on.
- Package [pkgdown](#), on which the current (refactored) version is based on.

## Examples

```
## give source directory of your package
pkg_dir = "~/git/MyPackage"

## create reference manual
## render_refman(pkg_dir)
```

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