

Package ‘Rd2md’

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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

RoxygenNote 7.2.3

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

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

NeedsCompilation no

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Repository CRAN

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Rd2md-package *Reference Manual in Markdown*

Description

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

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See Also

knitr

as_markdown *Parse into Markdown*

Description

S3 Methods to parse different classes into Markdown.

Usage

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

Arguments

x	Object
...	Further arguments passed to methods

md_document *Output Format Markdown*

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.

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.

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")
```

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

And return object of class rdf file

Usage

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

Arguments

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

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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