

Package ‘Rd2md’

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Title Markdown Reference Manuals

Version 1.0.0

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> |
|---------------|---------------------------------|

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> |
|--------------|---|

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\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> |
|-------------|----------------------|

Description

And return object of class rdfile

Usage

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

Arguments

| | |
|----------|---|
| path | File path of *.Rd-file |
| pkg_path | Package path, required to load macros, see tools::loadPkgRdMacros() . |
| subclass | Potential subclass of returned rdfile object |

| | |
|---------------|---|
| render_refman | <i>Create Markdown Reference Manual</i> |
|---------------|---|

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, base::find.package() is applied. |
| output_file | Specify outputfile, including file extension |
| output_format | Output format function. See output_format() . Default is md_document() , 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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