Package 'Rd2md'

June 17, 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

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

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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

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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 [`base::strptime()`](base::strptime())
`toc`	Currently not implemented. If table of contents should be included in reference manual.

`output_format`	*Output Format Definition*

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`	*Translate an Rd string to markdown*

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 ("\\").
`fragment`	logical indicating whether this represents a complete Rd file
`...`	additional arguments for as_markdown

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")
```

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read_rdfile   *Read .Rd file*

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   *Create Markdown Reference Manual*

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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