

Package ‘Rd2md’

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Title Markdown Reference Manuals

Version 0.0.5

Description The native R functionalities only allow PDF exports of reference manuals. This shall be extended by converting the package documentation files into markdown files and combining them into a markdown version of the package reference manual.

Depends R (>= 3.6)

Imports knitr, tools

Suggests testthat, rmarkdown, devtools

License GPL

Encoding UTF-8

LazyData true

VignetteBuilder knitr

RoxygenNote 7.1.1

NeedsCompilation no

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R topics documented:

Rd2markdown-package	2
Rd2md-package	2
fetchRdDB	3
parseRd	3
parseTag	4
Rd2markdown	4
RdTags	5
ReferenceManual	5
simpleCap	6
stripWhite	7
trim	7

Rd2markdown-package *Convert Rd help files to markdown.*

Description

Functions to parse and convert Rd files to markdown.

Author(s)

Jason Bryer <jason@bryer.org>

See Also

knitr

Rd2md-package *Reference Manual in Markdown*

Description

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

Author(s)

Julian Busch <jb@quants.ch>

See Also

knitr

fetchRdDB	<i>Make first letter capital</i>
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Description

Capitalize the first letter of every new word. Very simplistic approach.

Usage

```
fetchRdDB(filebase, key = NULL)
```

Arguments

filebase	The file path to the database (.rdb file), with no extension
key	Keys to fetch

Value

character vector with capitalized first letters

parseRd	<i>Parse an Rd object</i>
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Description

This function will parse an Rd object returning a list with each section. The contents of each element of the list will be converted to markdown.

Usage

```
parseRd(rd)
```

Arguments

rd	An Rd object.
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Value

a named list with the parts of the Rd object that will be used for creating a markdown file

Examples

```
## rd source (from parse_Rd function of tools package)
rdfile = "~/git/MyPackage/man/myfun.Rd"
## rd = tools::parse_Rd(rdfile)
## parseRd(rd)
```

parseTag	<i>Tag from Rd Format to Markdown</i>
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Description

This function will convert an Rd element to markdown format. Note that links are only supported within a markdown document, referenced with #. Use href to link to external sources.

Usage

```
parseTag(
  x,
  pre = character(),
  post = character(),
  stripNewline = TRUE,
  stripWhite = TRUE,
  stripTab = TRUE
)
```

Arguments

x	element from an Rd class.
pre	String to prepend to the parsed tag.
post	String to append to the parsed tag.
stripNewline	Logical indicating whether to strip new line characters.
stripWhite	Logical indicating whether to strip white space.
stripTab	Logical indicating whether to strip tab characters.

Rd2markdown	<i>Rd file to markdown</i>
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Description

This function converts an Rd file into markdown format.

Usage

```
Rd2markdown(rdfilename, outfile, append = FALSE)
```

Arguments

rdfile	Filepath to an .Rd file or an Rd object to parse.
outfile	Filepath to output file (markdown file).
append	If outfile exists, append to existing content.

Value

Parsed Rd as named list

Examples

```
## give a markdown source file
rdfile = "~/git/MyPackage/man/myfun.Rd"
## specify, where markdown shall be stored
outfile = "/var/www/html/R_Web_app/md/myfun.md"
## create markdown
## Rd2markdown(rdfile = rdfile, outfile = outfile)
```

RdTags	<i>Extract Rd tags</i>
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Description

Extract Rd tags from Rd object

Usage

```
RdTags(Rd)
```

Arguments

Rd Object of class Rd

Value

character vector with Rd tags

ReferenceManual	<i>Create Reference Manual Markdown</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

```
ReferenceManual(
  pkg = getwd(),
  outdir = getwd(),
  front.matter = "",
  toc.matter = "<!-- toc -->",
  date.format = "%B %d, %Y",
  verbose = FALSE
)
```

Arguments

pkg	Full path to package directory. Default value is the working directory. Alternatively, a package name can be passed. If this is the case, find.package is applied.
outdir	Output directory where the reference manual markdown shall be written to.
front.matter	String with yaml-style heading of markdown file.
toc.matter	String providing the table of contents. This is not auto-generated. The default value is a HTML comment, used by gitbook plugin toc .
date.format	Date format that shall be written to the beginning of the reference manual. If NULL, no date is written. Otherwise, provide a valid format (e.g. %Y-%m-%d), see Details in strptime .
verbose	If TRUE all messages and process steps will be printed

References

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

See Also

Package [Rd2markdown](#) by jbryer

Examples

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

## specify, where reference manual shall be stored
out_dir = "/var/www/html/R_Web_app/md/"

## create reference manual
## ReferenceManual(pkg = pkg_dir, outdir = out_dir)
```

simpleCap

Make first letter capital

Description

Capitalize the first letter of every new word. Very simplistic approach.

Usage

```
simpleCap(x)
```

Arguments

x Character string

Value

character vector with capitalized first letters

stripWhite	<i>Strip white space</i>
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Description

Strip white space (spaces only) from the beginning and end of a character.

Usage

```
stripWhite(x)
```

Arguments

x character to strip white space from

Value

a character with white space stripped

trim	<i>Trim</i>
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Description

Trim whitespaces and newlines before and after

Usage

```
trim(x)
```

Arguments

x String to trim

Value

character vector with stripped whitespaces

Index

- * **Rd**
 - Rd2markdown-package, [2](#)
 - Rd2md-package, [2](#)
- * **help**
 - Rd2markdown-package, [2](#)
 - Rd2md-package, [2](#)
- * **manual**
 - Rd2md-package, [2](#)
- * **markdown**
 - Rd2markdown-package, [2](#)
 - Rd2md-package, [2](#)
- * **reference**
 - Rd2md-package, [2](#)

- fetchRdDB, [3](#)
- find.package, [6](#)

- parseRd, [3](#)
- parseTag, [4](#)

- Rd2markdown, [4](#)
- Rd2markdown-package, [2](#)
- Rd2md-package, [2](#)
- RdTags, [5](#)
- ReferenceManual, [5](#)

- simpleCap, [6](#)
- stripWhite, [7](#)
- strptime, [6](#)

- trim, [7](#)