

Package ‘Rd2md’

October 12, 2022

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

Author Julian Busch [aut, cre]

Maintainer Julian Busch <jb@quants.ch>

Repository CRAN

Date/Publication 2021-02-01 17:50:02 UTC

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

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

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. |
|----|---------------|

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

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

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

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

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

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

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](#)