

# Package ‘Rd2md’

May 22, 2017

**Title** Markdown Reference Manuals

**Version** 0.0.2

**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 (>= 3.2.3)

**Imports** knitr, tools

**Suggests** testthat, rmarkdown, devtools

**License** GPL

**Encoding** UTF-8

**LazyData** true

**VignetteBuilder** knitr

**RoxygenNote** 5.0.1

**NeedsCompilation** no

**Author** Julian Busch [aut, cre]

**Maintainer** Julian Busch <jb@quants.ch>

**Repository** CRAN

**Date/Publication** 2017-05-22 17:18:02 UTC

## R topics documented:

Rd2markdown-package . . . . .	2
Rd2md-package . . . . .	2
parseRd . . . . .	2
parseTag . . . . .	3
Rd2markdown . . . . .	4
RdTags . . . . .	4
ReferenceManual . . . . .	5
simpleCap . . . . .	5
stripWhite . . . . .	6
<b>Index</b>	<b>7</b>

---

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**

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

**Author(s)**

Julian Busch <jb@quants.ch>

**See Also**

knitr

---

parseRd     *Parse an Rd object*

---

**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, link.ext)
```

**Arguments**

rd	An Rd object
link.ext	file extension for links

**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, "html")
```

---

parseTag

*Tag from Rd Format to Markdown*

---

**Description**

This function will convert an Rd element to markdown format.

**Usage**

```
parseTag(x, pre = character(), post = character(), stripNewline = TRUE,
stripWhite = TRUE, stripTab = TRUE, link.ext = "html")
```

**Arguments**

x	element from an Rd class.
pre	a string to prepend to the parsed tag
post	a 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
link.ext	file extension to use for links

Rd2markdown

*Rd file to markdown*

---

**Description**

This function converts an Rd file into markdown format.

**Usage**

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

**Arguments**

<code>rdfile</code>	Filepath to an .Rd file
<code>outfile</code>	Filepath to output file (markdown file)
<code>append</code>	If outfile exists,

**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(rdfilename = rdfile, outfile = outfile)
```

---

RdTags

*Extract Rd tags*

---

**Description**

Extract Rd tags from Rd object

**Usage**

```
RdTags(Rd)
```

**Arguments**

<code>Rd</code>	Object of class Rd
-----------------	--------------------

**Value**

character vector with Rd tags

---

`ReferenceManual`*Create Reference Manual Markdown*

---

**Description**

This is a wrapper for a slightly amended version of package `Rd2markdown` by [jbryer](#). It takes slightly amended versions of the available functions, so that the manuals are taken from package sources (in `man/ dir`) instead of from the libraries. The result is the reference manual in markdown format.

**Usage**

```
ReferenceManual(pkg = getwd(), outdir = getwd(), front.matter = "",
  verbose = FALSE)
```

**Arguments**

<code>pkg</code>	Full path to package directory. Default value is the working directory
<code>outdir</code>	Output directory where the reference manual markdown shall be written to
<code>front.matter</code>	String with yaml-style heading of markdown file.
<code>verbose</code>	If TRUE all messages and process steps will be printed.

**References**

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

**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                    *Strip white space*

---

**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

# Index

- \*Topic **Rd**
  - Rd2markdown-package, [2](#)
  - Rd2md-package, [2](#)
- \*Topic **help**
  - Rd2markdown-package, [2](#)
  - Rd2md-package, [2](#)
- \*Topic **manual**
  - Rd2md-package, [2](#)
- \*Topic **markdown**
  - Rd2markdown-package, [2](#)
  - Rd2md-package, [2](#)
- \*Topic **reference**
  - Rd2md-package, [2](#)
  
- parseRd, [2](#)
- parseTag, [3](#)
  
- Rd2markdown, [4](#)
- Rd2markdown-package, [2](#)
- Rd2md-package, [2](#)
- RdTags, [4](#)
- ReferenceManual, [5](#)
  
- simpleCap, [5](#)
- stripWhite, [6](#)