

Package ‘remedy’

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Title 'RStudio' Addins to Simplify 'Markdown' Writing

Version 0.1.0

Description An 'RStudio' addin providing shortcuts for writing in 'Markdown'. This package provides a series of functions that allow the user to be more efficient when using 'Markdown'. For example, you can select a word, and put it in bold or in italics, or change the alignment of elements inside you Rmd. The idea is to map all the functionalities from 'remedy' on keyboard shortcuts, so that it provides an interface close to what you can find in any other text editor.

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URL <https://github.com/ThinkR-open/remedy>

BugReports <https://github.com/ThinkR-open/remedy/issues>

Imports knitr, rstudioapi, rematch2, utils, stats

Suggests testthat, rmarkdown

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NeedsCompilation no

Author Colin Fay [aut, cre] (<<https://orcid.org/0000-0001-7343-1846>>),
Jonathan Sidi [aut] (<<https://orcid.org/0000-0002-4222-1819>>),
Luke Smith [aut] (author of seasmith/AlignAssign),
Jonathan Carroll [ctb] (<<https://orcid.org/0000-0002-1404-5264>>),
Andrzej Oleś [ctb] (<<https://orcid.org/0000-0003-0285-2787>>),
Daniel Possenriede [ctb] (<<https://orcid.org/0000-0002-6738-9845>>)

Maintainer Colin Fay <contact@colinfay.me>

Repository CRAN

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align_arrow

Align a highlighted region's assignment operators.

Description

Align a highlighted region's assignment operators.

Usage

```
align_arrow()
```

Value

Aligns the single assignment operators (<-) within a highlighted region.

Examples

```
## Not run:
remedy_example(
  c( "# Align arrows",
    "a <- 12",
    "aaa <- 13"),
  align_arrow
)

## End(Not run)
```

align_equal

Align a highlighted region's assignment operators.

Description

Align a highlighted region's assignment operators.

Usage

```
align_equal()
```

Value

Aligns the equal sign assignment operators (=) within a highlighted region.

Examples

```
## Not run:
remedy_example(
  c( "# Align equal signs",
    "a = 12",
    "aaa = 13"),
  align_equal
)

## End(Not run)
```

backtickr *Backtick*

Description

Backtick selected word(s)

Usage

```
backtickr()
```

Value

a backticked text selection

Examples

```
## Not run:
remedy_example(
  c( "to_backtick"),
  backtickr
)

## End(Not run)
```

blockquoter *Convert to blockquote*

Description

Turn the selected text into a blockquote.

Usage

```
blockquoter()
```

Value

a markdown blockquote

Examples

```
## Not run:
remedy_example(
  c( "to_blockquote"),
  blockquoter
)

## End(Not run)
```

`chunknamer`*Interactively Add Names to Chunks*

Description

Addin that add in bulk a names to unnamed chunks in a Rmarkdown document in the source editor.

Usage

```
chunknamer()
```

Details

By default the addin will use "remedy" as the stem of the chunk names. this an be changed using `remedy_opts$set(name='ANOTHER NAME')`. The names are then added in sequential order using an

`chunkr`*Interactively Create Rmarkdown Chunks*

Description

Addin that splits full documents into Rmarkdown chunks or wraps highlighted text in an active RStudio document editor in a Rmarkdown chunk.

Usage

```
chunkr()
```

```
chunkr_doc()
```

```
chunkr_section()
```

Details

Setting `remedy_opts$set(list(full_doc=TRUE))` chunkr will convert entire document by `remedy_opts$get('token_purl')`. The default token is the output from a `purl` conversion (`## —chunk name,chunk options—`).

Setting `remedy_opts$set(list(full_doc=FALSE))`, user highlights text and chunkr will wrap a new Rmarkdown chunk around it, utilizing the other options in `remedy_opts`.

Examples

```
## Not run:
remedy_example(
  c( "# Create a chunk",
    "a <- 12",
    "aaa <- 13"),
  chunkr
)

## End(Not run)
```

 chunksplitr

Split Chunk

Description

Split a chunk into two chunks

Usage

```
chunksplitr()
```

Details

Will split below row of the current cursor position or under the highlighted text.

 footnoter

Footnote

Description

Create a footnote from selected text.

Usage

```
footnoter()
```

Value

footnote text (in markdown)

Examples

```
## Not run:
remedy_example(
  c( "# Create a footnote"),
  footnoter
)

## End(Not run)
```

h1r

Convert to header

Description

Convert selected text into a header.

Usage

h1r()

h2r()

h3r()

h4r()

h5r()

h6r()

Value

a markdown header

Examples

```
## Not run:
remedy_example( c( "h1"), h1r)
remedy_example( c( "h2"), h2r)
remedy_example( c( "h3"), h3r)
remedy_example( c( "h4"), h4r)
remedy_example( c( "h5"), h5r)
remedy_example( c( "h6"), h6r)

## End(Not run)
```

`htmlcommentr`*html commenting*

Description

RStudio addin to add/remove html comments to highlighted text

Usage

```
htmlcommentr()
```

Details

Highlighting text will add html comment tags around it

Highlighting commented text will remove tags.

Highlighting

Something COMMENT Something

Something <!-- COMMENT --> Something

New Comment

Something COMMENT [cursor here] Something

Something COMMENT <!-- --> Something

Start of Row

[cursor here] Something COMMENT Something

<!-- Something COMMENT Something -->

Highlighting Multiple rows

Something COMMENT Something

Something COMMENT Something

<!-- Something COMMENT Something

Something COMMENT Something -->

Examples

```
## Not run:  
remedy_example( c( "<b>This is bold</b>" ), htmlcommentr)  
  
## End(Not run)
```

imager	<i>Imager</i>
--------	---------------

Description

Convert the selected path into an embedded image

Usage

```
imager()
```

Value

a markdown image link

Examples

```
## Not run:
remedy_example(
  c( "https://thinkr.fr/wp-content/uploads/2015/03/thinkR1.png"),
  imager
)

## End(Not run)
```

is_link	<i>Check if text is a relative link or URL</i>
---------	--

Description

Check if text is a relative link or URL

Usage

```
is_link(text)
```

Arguments

text	A character string
------	--------------------

Value

TRUE or FALSE

Examples

```
is_link("www.google.com")
is_link("figs/plot.png")
```

*italicsr**Emphasize*

Description

Emphasize the selected text.

Usage

```
italicsr()
```

```
boldr()
```

```
striker()
```

Value

emboldened, italicized or strikethrough text (in markdown)

Examples

```
## Not run:
remedy_example(
  c( "to_italic"),
  italicsr
)
remedy_example(
  c( "to_bold"),
  boldr
)
remedy_example(
  c( "to_strike"),
  striker
)

## End(Not run)
```

*latexr**LaTeX*

Description

Convert the selected text in inline LaTeX.

Usage

```
latexr()
```

Value

inline LaTeX text (in markdown)

Examples

```
## Not run:
remedy_example(
  c( "Latex stuffs"),
  latex
)

## End(Not run)
```

litr

Convert to list

Description

Convert selected text into an (un)ordered list.

Usage

```
litr()
```

```
olitr()
```

Value

litr() returns an unordered markdown list

olitr() returns an ordered markdown list

Examples

```
## Not run:
#unordered list
remedy_example(c('line 1','line 2'),litr)

#ordered list
remedy_example(c('line 1','line 2'),olitr)

## End(Not run)
```

remedy_example *Functions to run examples and tests*

Description

Utility functions to deploy functions and tests for addins

Usage

```
remedy_example(txt, addin, mark = entire_document)
scratch_file()
entire_document()
individual_lines()
set_text(txt = "", sec, mark)
```

Arguments

txt	character, text to place in temporary document
addin	function, addin function to deploy
mark	function, highlight using entire_document or individual_lines
sec	source editor context object

Details

These function only will work in a RStudio IDE

Value

New document in source editor of RStudio

remedy_opts *Default and current remedy options*

Description

Options for functions in the `remedy` package. When running R code, the object `remedy_opts` (default options) is not modified by chunk headers (local chunk options are merged with default options), whereas `remedy_opts_current` (current options) changes with different chunk headers and it always reflects the options for the current chunk.

Normally we set up the global options once in the first code chunk in a document using `remedy_opts$set()`, so that all *latter* chunks will use these options. Note the global options set in one chunk will not affect the options in this chunk itself, and that is why we often need to set global options in a separate chunk.

Below is a list of default chunk options, retrieved via `remedy_opts$get()`:

Usage

```
remedy_opts
```

```
remedy_opts_current
```

Format

An object of class `list` of length 5.

Note

`remedy_opts_current` is read-only in the sense that it does nothing if you call `remedy_opts_current$set()`; you can only query the options via `remedy_opts_current$get()`.

Examples

```
remedy_opts$get()
```

```
rightr
```

```
Mover
```

Description

Copy a selected text or the current line to the right

Usage

```
rightr()
```

Value

a clone of the line

Examples

```
## Not run:
remedy_example(
  c( "I like to move it "),
  rightr
)

## End(Not run)
```

tabler	<i>Tabler</i>
--------	---------------

Description

Insert a table in your file.

Usage

```
tabler()
```

Value

a markdown table

Examples

```
## Not run:
remedy_example(
  "head(iris)",
  tabler
)

## End(Not run)
```

urlr	<i>urlr</i>
------	-------------

Description

Convert selected text into a link

Usage

```
urlr()
```

Value

a markdown link

Examples

```
## Not run:  
remedy_example(  
  "https://www.thinkr.fr",  
  urlr  
)  
  
## End(Not run)
```

xaringanr

xaringan

Description

xaringan pull left and pull right

Usage

```
xaringanr()
```

Value

a template for *xaringan* pull left and right

Examples

```
## Not run:  
remedy_example(  
  "",  
  xaringanr  
)  
  
## End(Not run)
```

youtuber

Addin to create markdown youtube links

Description

Highlight youtube link in source editor and it will be converted to a markdown link with an image saved in youtube.

Usage

```
youtuber()
```

Details

if `remedy_opts$get('youtube_output')== 'md'` then the output will be of the form

`[![Alternative text](Youtube Image)](Link to Video)`. (useful for github readme)

if `remedy_opts$get('youtube_output')== 'html'` then the output will be of the form

```
<iframe width="remedy_opts$get('youtube_width')" height="remedy_opts$get('youtube_height')"  
src="link to video" frameborder="0" allowfullscreen></iframe>
```

Default Settings:

```
remedy_opts$get('youtube_output'): str(remedy::remedy_opts$get('youtube_output'))
```

```
remedy_opts$get('youtube_height'): str(remedy::remedy_opts$get('youtube_height'))
```

```
remedy_opts$get('youtube_width'): str(remedy::remedy_opts$get('youtube_width'))
```

Examples

```
## Not run:  
remedy_example(  
  "https://www.youtube.com/watch?v=dQw4w9WgXcQ",  
  youtuber  
)
```

```
## End(Not run)
```


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