

# 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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align_arrow	<i>Align a highlighted region's assignment operators.</i>
-------------	---

---

**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)
```

---

<i>xaringanr</i>	<i>xaringan</i>
------------------	-----------------

---

**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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