

Package ‘ARTofR’

January 20, 2025

Title To Insert Title, Divider, and Block of Comments

Version 0.4.1

Description For instructions, check <<https://github.com/Hzhang-ouce/ARTofR>>. This is a wrapper of 'bannerCommenter', for inserting neat comments, headers and dividers.

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Encoding UTF-8

RoxygenNote 7.1.2

Imports bannerCommenter (>= 1.0.0), clipr (>= 0.4.0), rstudioapi, shiny

Suggests rmarkdown, miniUI, knitr

VignetteBuilder knitr

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`xxx_box`*Convert sentences into a box of comments*

Description

For user guide, please refer to <https://github.com/Hzhang-ouce/ARTofR>

Usage

```
xxx_box(mystring = NULL, center = FALSE)
xxx_box1(mystring = NULL, center = FALSE)
xxx_list(mystring = NULL, center = FALSE)
xxx_list1(mystring = NULL, center = FALSE)
```

Arguments

<code>mystring</code>	A string, will be a line of comment. If missing, the function will try to grab texts from your clipboard.
<code>center</code>	A logical value: Do you want the text strings centred? (alternative: left justified)

Details

`xxx_box` is for paragraph, `xxx_list` is for bullet points or numbered list.
Number 1 in `xxx_box1` and `xxx_list1` imply style 1.

Value

A character string vector returned invisibly, but automatically displayed in the console, the output will be saved into clipboard

Functions

- `xxx_box1`: Same as `xxx_box` but add border
- `xxx_list`: Same as `xxx_box` but looks better for bullet points list or numbered list
- `xxx_list1`: Same as `xxx_list` but add border

Examples

```
# COMMON WORKFLOW OF THIS PACKAGE
# 1. type your text in any text editor
# 2. copy your text
# 3. call xxx_box() etc without arguments to grab text from clipboard
# 4. decorated text will be displayed and sent to clipboard, NO NEED to copy them
# 5. paste into your R script
#
#
#.....
# # OTHER USAGE

xxx_box('test sentence, test sentence, test sentence, test sentence',center = FALSE )
xxx_box1('test sentence, test sentence, test sentence, test sentence',center = FALSE )
xxx_box1('test sentence, test sentence, test sentence, test sentence',center = TRUE )
```

xxx_divider1

Insert a divider (line break or page break)

Description

For user guide, please refer to <https://github.com/Hzhang-ouce/ARTofR>

Usage

```
xxx_divider1(mystring = NULL)
```

```
xxx_divider2(mystring = NULL)
```

Arguments

mystring the content of your break, must be one line only, not too long

Details

Divider is shorter than title for hierarchy purpose, title will be come a section (for folding) in Rstudio, but divider will not

There are two styles of break, xxx_divider1 and xxx_divider2

Please note that a super long divider string will result in an error

call xxx_divider1() will grab text from clipboard,

call xxx_divider1('') will make a line without text,

call xxx_divider1('mystring') will make a divider with 'mystring'

Value

A character string vector returned invisibly, but automatically displayed in the console, the output will be saved into clipboard

Functions

- xxx_divider2: Same as xxx_divider1 but different style

Examples

```
# COMMON WORKFLOW OF THIS PACKAGE
# 1. type your text in any text editor
# 2. copy your text
# 3. call xxx_box() etc without arguments to grab text from clipboard
# 4. decorated text will be displayed and sent to clipboard, NO NEED to copy them
# 5. paste into your R script
#
#
#.....
# # OTHER USAGE

xxx_divider1('mystring')
xxx_divider1('')
xxx_divider2('mystring')
xxx_divider2('')
```

xxx_title1

Insert a title

Description

For user guide, please refer to <https://github.com/Hzhang-ouce/ARTofR>

Usage

```
xxx_title1(mystring = NULL)
```

```
xxx_title0(mystring = NULL)
```

```
xxx_title2(mystring = NULL)
```

```
xxx_title3(mystring = NULL)
```

Arguments

mystring the content of your title, must be one line only, not too long

Details

There are three levels of titles, inserting a title with xxx_title() will also add a section in Rstudio automatically.

Please note that a super long title string will result in an error

xxx_title0() was designed as the main title of the whole script
xxx_title1() is the largest header
xxx_title2() is the middle size header
xxx_title3() is the smallest header

Value

A character string vector returned invisibly, but automatically displayed in the console, the output will be saved into clipboard

Functions

- xxx_title0: the middle size title
- xxx_title2: the middle size title
- xxx_title3: the smallest title

Examples

```
# COMMON WORKFLOW OF THIS PACKAGE
# 1. type your text in any text editor
# 2. copy your text
# 3. call xxx_box() etc without arguments to grab text from clipboard
# 4. decorated text will be displayed and sent to clipboard, NO NEED to copy them
# 5. paste into your R script
#
#
#.....
# # OTHER USAGE

xxx_title0('my title')
xxx_title1('my title')
xxx_title2('my title')
xxx_title3('my title')
```

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