Package ‘ARTofR’

October 22, 2021

Title  Who Ever Care About the [Art of R] Scripts?
Version  0.3.3
Description  For instructions, check <https://github.com/Hzhang-ouce/ARTofR>. This is a wrapper of ‘bannerCommenter’, for generating neat comments!
License  MIT + file LICENSE
Encoding  UTF-8
RoxygenNote  7.1.2
Imports  bannerCommenter (>= 1.0.0), clipr (>= 0.4.0)
Suggests  rmarkdown, knitr
VignetteBuilder  knitr
Date  2021-10-03 23:20:01 UTC
NeedsCompilation  no
Author  Huanyuan Zhang [aut, cre] (<https://orcid.org/0000-0003-4801-8771>)
Maintainer  Huanyuan Zhang <hyzhang1996@gmail.com>
Repository  CRAN
Date/Publication  2021-10-22 16:10:06 UTC

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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

mystring A string, will be a line of comment. If missing, the function will try to grab texts from your clipboard.
center 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 )

### Description

For user guide, please refer to [https://github.com/Hzhang-ouce/ARTofR](https://github.com/Hzhang-ouce/ARTofR)

### Usage

xxx_divider1(mysting = NULL)

xxx_divider2(mysting = NULL)

### Arguments

- **mysting**: 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('mysting') will make a divider with 'mysting'

### 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('')

--

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

`mysting` 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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