

Package ‘easyComment’

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Type Package

Title Generate Comment Boxes with Custom Alignment

Version 2.1.0

Description Provides a function to generate comment boxes framed with '#' characters, with configurable width and text alignment (left, center, or right). Useful for formatting scripts and improving code readability.

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URL <https://gitlab.com/r-packages3/easycomment>

Encoding UTF-8

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Suggests testthat (>= 3.0.0)

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generate_comment_box *Generate a Comment Box*

Description

Generates a comment box framed with # characters, with configurable width and text alignment. Long words that exceed the inner width are automatically split across multiple lines.

When `section_title = TRUE` (the default), the top border doubles as a named RStudio code section header, so the comment text appears in the document outline instead of "Untitled". The `border_style` parameter offers five visual presets controlling the fill characters of the top and bottom borders.

Usage

```
generate_comment_box(comment, width = 80, align = "center",
                    section_title = TRUE, border_style = "sharp",
                    print_box = TRUE)
```

Arguments

<code>comment</code>	A non-empty string containing the comment to be framed.
<code>width</code>	The total width of the comment box in characters. Must be greater than 4. Default is 80.
<code>align</code>	The alignment of the text inside the box. One of "left", "center", or "right". Default is "center".
<code>section_title</code>	Logical. If TRUE (default), the top border is formatted as a named RStudio section header so that the document outline displays the comment text rather than "Untitled". The bottom border uses a non-triggering fill character (controlled by <code>border_style</code>) to prevent RStudio from creating a spurious "Untitled" section. If FALSE, both borders are plain # lines, preserving the original behaviour; <code>border_style</code> is then ignored.
<code>border_style</code>	Character string selecting the fill characters for the top and bottom borders when <code>section_title = TRUE</code> . Ignored when <code>section_title = FALSE</code> . Available styles:

Name	Top	Bottom
"sharp"	#	/
"double"	=	/
"light"	-	~
"soft"	=	~
"wave"	#	~

The top character must be one of #, -, or = so that RStudio detects the line as a named section. The bottom character must be none of those to avoid creating an "Untitled" section. Default is "sharp".

`print_box` Logical. If TRUE, the comment box is printed to the console and returned invisibly. If FALSE, the box is returned as a character string. Default is TRUE.

Value

If `print_box` is TRUE, prints the comment box to the console and returns it invisibly as a character string.

If `print_box` is FALSE, returns the comment box as a single character string with newline characters (`\n`) separating each row.

Examples

```
# Style par défaut (sharp) : # en haut, / en bas
generate_comment_box("Chargement des données")

# Style double : = en haut, / en bas
generate_comment_box("Modélisation", border_style = "double")

# Style light : - en haut, ~ en bas, aligné à gauche
generate_comment_box("Paramètres", border_style = "light", align = "left")

# Style soft : = en haut, ~ en bas
generate_comment_box("Résultats", border_style = "soft")

# Style wave : # en haut, ~ en bas
generate_comment_box("Exports", border_style = "wave")

# Comportement d'origine : deux bordures pleines de #
generate_comment_box("Legacy box", section_title = FALSE)
```

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