Package 'captioner'

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Type Package

Title Numbers Figures and Creates Simple Captions

Version 2.2.3

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URL <https://github.com/adletaw/captioner>

BugReports <https://github.com/adletaw/captioner/issues>

Description Provides a method for automatically numbering figures,
tables, or other objects. Captions can be displayed in full, or as citations.
This is especially useful for adding figures and tables to R markdown
documents without having to numbering them manually.

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Suggests knitr

VignetteBuilder knitr

NeedsCompilation no

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R topics documented:

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captioner-package   *captioner: A package for numbering figures and generating captions*

Description

Contains the function captioner for generating numbered captions.

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bump   *Captioner bump function*

Description

For figure numbers with sub-values (e.g. 1.1), increment one of the sub-values for use in the next figure.

Usage

```
bump(cap_fun, level)
```

Arguments

cap_fun	The captioner function that needs to be bumped
level	Numeric indicating which sub-number should be incremented

Details

Normally captioner only increments the final number in your figure number, even if you have hierarchical numbering (e.g. Fig 1.1.1). This function will bump up any of the penultimate numbers of your choice using a given index. You can use it at the start of a section, for example, to shift from Fig 1.5 to Fig 2.1.

Value

None.

See Also

captioner

Examples

```
figs <- captioner(levels = 2)
figs("a")

bump(figs, 1)
```

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captioner   *Captioner function*

Description

Creates a function to create numbered captions for figures, tables or other objects

Usage

```
captioner(prefix = "Figure", auto_space = TRUE, levels = 1, type = NULL,
  infix = ".")
```

Arguments

prefix	Character string containing text to go before object number. The default is *Figure*.
auto_space	Logical indicating whether or not a space should automatically be added following the prefix. Space is added by default.
levels	Logical or number indicating whether or not you want hierarchical numbering, and if so, how many levels. Hierarchical numbering is turned off by default.
type	Vector with same length as levels indicating whether figure numbering should be numeric (*n*), lowercase character (*c*), or uppercase character (*C*). If unspecified, captioner will revert to all numeric values.
infix	Character string containing text to go between figure numbers if hierarchical numbering is on. Default is .

Details

Captioner generates a function with the following parameters

name: Character string containing a unique object name

caption: The object caption

display: Character string (or logical) indicating what display mode you would like:

- *full* or *f* is the default and shows the entire caption with prefix and number
- *cite* or *c* displays just the prefix and number, without the caption
- *num* or *n* displays just the number

level: Optional numeric used to bump up the numbering if you have hierarchical numbering. See also [bump](#).

cite: Deprecated. Please use `display`.

num: Deprecated. Please use `display`.

And returns a character string containing the prefix and object number with or without a caption. The initial numbering is determined based on the order of caption creation. However, this order is modified based on the citations you use. The first figure to be cited will be moved to the beginning of the list, becoming *Figure 1*.

Value

A captioner function.

Examples

```
fig_nums <- captioner()
fig_nums("flower_plot", "This plot shows the distribution of flower colors")
fig_nums("flower_plot", display = "cite")
fig_nums("flower_plot")

tables <- captioner(prefix = "Table", levels = 2)
tables("a", "Table of world populations sorted from greatest to least.")
```

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