

Package: aleksandeR (via r-universe)

September 15, 2026

Title Aleksander Bang-Larsen's personal convenience functions

Version 0.0.0.9005

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Description This package supplies all the convenience functions that I
have written to make my life easier.

License AGPL (>= 3)

Encoding UTF-8

Roxygen list(markdown = TRUE)

Suggests testthat (>= 3.0.0)

Config/testthat/edition 3

Config/testthat/parallel true

URL <http://package.aleksanderbl.dk/>,
<https://github.com/aleksanderbl29/aleksandeR>

BugReports <https://github.com/aleksanderbl29/aleksandeR/issues>

Imports bibtex, cli, ggplot2 (>= 3.5.1), ggthemes, pak, stringr,
usethis, wesanderson, renv, jsonlite, patchwork (>= 1.3.2)

Config/roxygen2/version 8.0.0

Remotes thomasp85/patchwork

Repository <https://aleksanderbl29.r-universe.dev>

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RemoteUrl <https://github.com/aleksanderbl29/aleksandeR>

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format_num	<i>Format a number for presentation</i>
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Description

Format a number for presentation

Usage

```
format_num(  
  x,  
  decimals = 2,  
  rounding = TRUE,  
  big_mark = ".",  
  decimal_mark = ",",  
)
```

Arguments

x	An integer/double value.
decimals	The amount of decimals the input x should be rounded to.
rounding	Whether or not the input x should be rounded. Excludes the use of the decimals argument.
big_mark	The thousand separator.
decimal_mark	The decimal separator.

Value

A number formatted correctly with two (default) decimals, a comma as the decimal separator and a period as the thousand-separator. The type is *character*.

Examples

```
x <- pi
format_num(x)

format_num(x, 1)

format_num(x, rounding = FALSE)
```

parties	<i>List of parties up for election</i>
---------	--

Description

List of parties up for election

Usage

```
parties
```

Value

Returns a tibble with information on the major parties up for election

Source

<https://www.valg.im.dk/partier-og-kandidater/opstillingsberettigede-partiers-adresser-mv>

Examples

```
head(parties)
```

pkg_bib	<i>Create bibliography of {renv}-installed packages</i>
---------	---

Description

This was inspired by <https://github.com/rstudio/renv/issues/340>

Usage

```
pkg_bib(dependencies = FALSE, filename = "packages.bib", targets = FALSE)
```

Arguments

dependencies	Boolean to define how many packages are cited.
filename	Specify a filename/path for the .bib.
targets	Boolean to define if the bibliography should be created based on the packages defined in a targets pipeline and saved to <code>_targets_packages.R</code> by the function <code>targets::tar_renv()</code>

Value

Usually called for its side effect of a .bib written to the provided paths. Also outputs the package names in the console.

plot_nchar	<i>Get character count from ggplot2 object.</i>
------------	---

Description

Counts the number of characters in visible text elements from a ggplot2 plot. This also supports plots composed with patchwork, including collected guides.

Usage

```
plot_nchar(plot, debug = FALSE)
```

Arguments

plot	Input a ggplot2 object or a patchwork object.
debug	Logical. If TRUE, prints the text values that are counted.

Value

Returns an integer with the amount of characters in the plot. Spaces are included.

Examples

```
plot <- data.frame(
  x = seq(1, 10),
  y = seq(10, 1),
  label = rep(seq(1, 10, 2), 2)
) |>
  ggplot2::ggplot(ggplot2::aes(x = x, y = y, label = label)) +
  ggplot2::geom_text(nudge_y = 3)

plot_nchar(plot)
```

theme_map	<i>A theme made for maps from <code>ggplot2::geom_map()</code>.</i>
-----------	---

Description

This theme is made specifically for maps made with. A color-ready version exists as `theme_map_color()`.

Usage

```
theme_map(base_size = 9, base_family = "")
```

Arguments

base_size	base font size, given in pts.
base_family	base font family

theme_map_color	<i>A color-ready theme made for maps from <code>ggplot2::geom_map()</code>.</i>
-----------------	---

Description

This theme is made color-ready specifically for maps.

Usage

```
theme_map_color(  
  color = "green",  
  secondary_color = "pink",  
  background_color = "black",  
  base_size = 9,  
  base_family = ""  
)
```

Arguments

color	The primary color of the <code>theme_map_color()</code> plot. "Default is "green".
secondary_color	The secondary color of the <code>theme_map_color()</code> plot. Default is "pink".
background_color	The primary color of the <code>theme_map_color()</code> plot. Defaults is "black".
base_size	base font size, given in pts.
base_family	base font family

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