Package: zutils (via r-universe)

August 23, 2024

Title Zhang Liang's miscellaneous utilities

Version 0.0.10

Description This package mainly contains some miscellaneous utilities that I use frequently.

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URL https://psychelzh.github.io/zutils/

Imports dplyr, rlang, stringr, tidyr, tidyselect, utils

Suggests testthat (>= 3.0.0)

Config/testthat/edition 3

Encoding UTF-8

Roxygen list(markdown = TRUE)

RoxygenNote 7.3.1

Repository https://psychelzh.r-universe.dev

RemoteUrl https://github.com/psychelzh/zutils

RemoteRef HEAD

RemoteSha 436966e7b43eeb9ef0f58c37c7e05d73832ee06d

Contents

call_full *Create a call to a function with its arguments*

Description

This is basically a wrapper around `rlang::call2()` that allows you to extract the arguments from a function and pass them to `rlang::call2()` without having to type them out.

Usage

```
call_full(.fn, ...)
```

Arguments

`.fn`	The function to call.
`...`	Arguments to pass to the function.

Value

A call to the function with its arguments.

cautiously *Cautiously evaluate an expression*

Description

This function is useful for when you want to evaluate an expression, but you want to catch any errors and return a default value instead. Note the error message will be printed as a warning as the name of the function suggests.

Usage

```
cautiously(.f, otherwise = NULL)
```

Arguments

`.f`	A function to modify. See `as_function()` for details.
`otherwise`	A value to return if the expression throws an error.

Value

A function that evaluates the expression and returns the result or the default value if an error is thrown.

select_list *Tidy select for list*

Description

A tidy select interface for lists. See `tidyselect::eval_select()` for details.

Usage

```
select_list(.l, ...)
```

Arguments

`.l`	A `list()` object.
`...`	One or more unquoted expressions separated by commas.

Value

A list with the selected elements.

separate_wider_dsv *Separate a column into multiple columns*

Description

This is a wrapper around `tidyr::separate_wider_regex()` that allows to split a column into multiple columns. The column contains so-called delimiter separated values (DSV) and the values are extracted using regular expressions.

Usage

```
separate_wider_dsv(
  data,
  col,
  names,
  ...,
  patterns = NULL,
  delim = "_",
  prefix = NULL,
  suffix = NULL
)
```

Arguments

`data`	A data frame.
`col`	<tidy-select> Column to separate.
`names`	Names of the new columns. Use `NA` if you want a component not to be in the output.
`...`	Additional arguments passed to `tidyr::separate_wider_regex()`.
`patterns`	Regular expressions to extract the values from the column. If `NULL`, the pattern will match any character non-greedily. The length of the vector must be equal to the number of new columns.
`delim`	Delimiter used in the column to separate different pieces of values.
`prefix, suffix`	Prefix and suffix to be removed from the target column to retrieve the values.

Value

A data frame with the separated columns.

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