

Package: similiars (via r-universe)

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Title Matches Strings to Most Similiar String
Version 0.1.0
Description Package to find similiarity between character vectors.
License MIT + file LICENSE
Encoding UTF-8
LazyData true
Depends R (>= 3.1.0)
Imports dplyr, purrr, utils, stringr, magrittr, tidyr, rlang
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case_when_skeleton	<i>case_when_skeleton</i>
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Description

Returns a case_when from dplyr to replace .s with .r. You can copy the output and put in the script to avoid manual work.

Usage

```
case_when_skeleton(.s, .r, var_name = NULL)
```

Arguments

.s	a character vector to be replaced.
.r	a character vector to replace with.
var_name	Optional. the name of the variable that should be replaced. If NULL or not changed the call of '.s' is used.

Value

console output with a case_when skeleton

Examples

```
case_when_skeleton(letters[1:10],
  LETTERS[1:10],
  var_name = "my_letters")
```

find_most_similar_string	<i>find_most_similar_string</i>
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Description

Returns a vector of most similar string in another vector. Returns a vector of the same length as input vector '.s'.

Usage

```
find_most_similar_string(
  .s,
  .t,
  max_dist = Inf,
  verbose = TRUE,
  ignore_case = TRUE,
  feeling_lucky = FALSE,
  ...
)
```

Arguments

<code>.s</code>	a character vector to be matched.
<code>.t</code>	a character vector to be matched against.
<code>max_dist</code>	the maximum string distance
<code>verbose</code>	should warnings be printed in the console.
<code>ignore_case</code>	should case be ignored? Default is TRUE.
<code>feeling_lucky</code>	if multiple most similar strings are found. Should the first one be returned?
<code>...</code>	other arguments passed to <code>utils::adist</code> .

Details

Uses the generalized Levenshtein distance. For more information type `?utils::adist` in the console.

Value

a character vector

Examples

```
find_most_similar_string(c("battman", "Iron Man"), superheroes)
```

find_string_distance *find_string_distance*

Description

Returns a list of dataframes arranged by most similar strings.

Usage

```
find_string_distance(.s, .t, ignore_case = TRUE, ...)
```

Arguments

- .s a character vector to be matched.
- .t a character vector to be matchad against.
- ignore_case should case be ignored? Default is TRUE.
- ... other arguments passed to utils::adist.

Details

Uses the generalized Levenshtein distance. For more information type ?utils::adist in the console.

Value

a list of dataframes

Examples

```
find_string_distance("battman", superheroes)
```

superheroes	<i>Famous super heroes</i>
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Description

A character vector with 46 super heroes

Usage

superheroes

Format

A character vector with 46 super heroes:

Source

<https://www.britannica.com/topic/list-of-superheroes-2024795>

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