

Package ‘abbreviate’

October 12, 2022

Type Package

Title Readable String Abbreviation

Version 0.1

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Description Strings are abbreviated to at least ``minlength" characters, such that they remain unique (if they were). The abbreviations should be recognisable.

URL <https://github.com/sigbertklinke/abbreviate> (development version)

RoxygenNote 7.1.1

License GPL-3

Encoding UTF-8

Suggests testthat (>= 3.0.0)

Config/testthat/edition 3

NeedsCompilation no

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Description

Shorten strings to at least `minlength` characters so that they remain unique (if they were). Duplicate strings or NAs are allowed. Note that different orders in the string may result in different abbreviations.

Usage

```
abbreviate_text(txt, minlength = 3, alnum = TRUE)
```

Arguments

<code>txt</code>	character: vector of strings to abbreviate
<code>minlength</code>	integer: the minimum length of the abbreviations
<code>alnum</code>	logical: should strings be reduced to alpha-numeric characters before abbreviation (default: TRUE)

Value

abbreviated strings

See Also

[base::abbreviate](#) or [package uniqltag](#)

Examples

```
# unique with first letters is possible
txt <- c("euclidean", "maximum", "manhattan", "canberra", "minimum")
abbreviate_text(txt, 3)
# if identical strings used then same abbreviation
txt <- c("euclidean", "maximum", "manhattan", "manhattan", "canberra", "minimum")
abbreviate_text(txt, 3)
# warnings that identical strings and identical abbreviations used
txt <- c("euclidean", "maximum", "manhattan", NA, "canberra", "minimum", "abc", "abc")
abbreviate_text(txt, 3)
# unique abbreviations
txt <- c("ward.D", "ward.D2", "single", "complete", "average", "mcquitty", "median", "centroid")
abbreviate_text(txt, 3)
# unique abbreviations, but not really intuitive
abbreviate_text(txt, 0)
```

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