

Package ‘abbreviate’

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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)

RoxxygenNote 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

txt	character: vector of strings to abbreviate
minlength	integer: the minimum length of the abbreviations
alnum	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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