

# Package ‘abbreviate’

December 14, 2021

**Type** Package

**Title** Readable String Abbreviation

**Version** 0.1

**Date** 2021-12-12

**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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**Repository** CRAN

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abbreviate_text	<i>abbreviate_text</i>
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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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