Package 'rtext'

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Title R6 Objects for Text and Data

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Version 0.1.15.90000

Description For natural language processing and analysis of qualitative text
coding structures which provide a way to bind together text and text data
are fundamental. The package provides such a structure and accompanying
methods in form of R6 objects. The 'rtext' class allows for text handling
and text coding (character or regex based) including data updates on
text transformations as well as aggregation on various levels.
Furthermore, the usage of R6 enables inheritance and passing by reference
which should enable 'rtext' instances to be used as back-end for R based
graphical text editors or text coding GUIs.

Depends R (>= 3.0.0), stringb (>= 0.1.0)

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LazyData TRUE

Imports R6 (>= 2.1.2), hellno (>= 0.0.1), magrittr (>= 1.5), Rcpp (>=
0.12.5), digest (>= 0.6.9), stats, graphics

Suggests testthat, knitr, rmarkdown

BugReports <https://github.com/petermeissner/rtext/issues>

URL <https://github.com/petermeissner/rtext>

RoxygenNote 5.0.1

VignetteBuilder knitr

LinkingTo Rcpp

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R **topics documented:**

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dp_storage	*storage for internals*

Description

storage for internals

Usage

```
dp_storage
```

Format

An object of class `environment` of length 0.

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plot.rtext	*function for plotting rtext*

Description

function for plotting rtext

Usage

```
## S3 method for class 'rtext'
plot(x, y = NULL, lines = TRUE, col = "#ED4C4CA0",
  add = FALSE, ...)
```

Arguments

x	object of class rtext
y	char_data to be plotted
lines	vector of integer listing the lines to be plottted
col	color of the char_data variable to be highlighted
add	add data to an already existing plot?
...	further parameters passed through to initial plot

R6_rtext_extended *extended R6 class*

Description

extended R6 class

Usage

R6_rtext_extended

Format

R6Class object.

Value

Object of R6Class

---

rtext *R6 class - linking text and data*

Description

R6 class - linking text and data

R6 class - basic workhorse methods for rtext

Usage

rtext

rtext_base

Format

R6Class object.

Value

Object of R6Class

Object of R6Class

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rtext_loadsave   *R6 class - load and save methods for rtext*

Description

R6 class - load and save methods for rtext

Usage

```
rtext_loadsave
```

Format

[R6Class](#) object.

Value

Object of [R6Class](#)

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text_tokenize.rtext   *function tokenizing rtext objects*

Description

function tokenizing rtext objects

Usage

```
## S3 method for class 'rtext'
text_tokenize(string, regex = NULL, ignore.case = FALSE,
  fixed = FALSE, perl = FALSE, useBytes = FALSE, non_token = FALSE)
```

Arguments

string	text to be tokenized
regex	regex expressing where to cut see (see [gregexpr](#))
ignore.case	whether or not reges should be case sensitive (see [gregexpr](#))
fixed	whether or not regex should be interpreted as is or as regular expression (see [gregexpr](#))
perl	whether or not Perl compatible regex should be used (see [gregexpr](#))
useBytes	byte-by-byte matching of regex or character-by-character (see [gregexpr](#))
non_token	should information for non-token, i.e. those patterns by which the text was splitted, be returned as well

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