

Package ‘datapasta’

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Title RStudio Addins for Data Copy-Pasta

Version 1.0.0

Description Three RStudio addins to make copy-pasting vectors and tables into source painless.

Depends R (>= 3.3.0)

Suggests tibble (>= 1.2), testthat, knitr, rmarkdown

Imports readr (>= 1.0.0), clipr (>= 0.3.0), rstudioapi (>= 0.6)

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Encoding UTF-8

LazyData true

RoxygenNote 5.0.1

VignetteBuilder knitr

NeedsCompilation no

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Repository CRAN

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<code>guess_sep</code>	<i>guess_sep</i>
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Description

Guesses the separator based on a simple heuristic over the first 10 or less rows: The separator chosen is the one that leads to the most columns, whilst parsing the same number of columns for each line (`var=0`). The guessing algorithm ignores blank lines - which are lines that contain only the separator. Options are in `c(",","\t","\n",";")`

Usage

```
guess_sep(char_vec)
```

Arguments

`char_vec` a table from the clipboard in character vector form.

Value

the separator selected to parse `char_vec` as a table

<code>pad_to</code>	<i>pad_to</i>
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Description

Left pad string to a certain size. A helper function for getting spacing in table correct.

Usage

```
pad_to(char_vec, char_length)
```

Arguments

`char_vec` character vector.
`char_length` length to pad to.

Value

`char_vec` left-padded with spaces to `char_length`.

parse_vector	<i>parse_vector</i>
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Description

Pastes data from clipboard as a vertically formatted character vector on a multiple lines. One line is used per element. Considers , | tab newline as delimiters.

Usage

```
parse_vector()
```

Value

A vector parsed from the clipboard as ether a character string or a character vector. The type attribute contains the type guessed by 'readr'.

read_clip_tbl_guess	<i>read_clip_table_guess</i>
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Description

Similar to read_clip_tbl from clipr, however it will error if there are less than 2 rows and it tries to guess the separator.

Usage

```
read_clip_tbl_guess(x = clipr::read_clip(), ...)
```

Arguments

x	contents of the clipboard
...	arguments passed to read.table

Value

a parsed table from the clipboard. Separator is guessed.

<code>render_type</code>	<i>render_type</i>
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Description

Renders a character vector as R types for pasting into Rstudio. Strings are quoted. Numbers, NaN, NA, logicals etc are not.

Usage

```
render_type(char_vec, type_str)
```

Arguments

<code>char_vec</code>	a character vector containing text to be rendered as the type indicated by <code>type_str</code>
<code>type_str</code>	a string describing the type of <code>char_vec</code>

Value

A vector parsed from the clipboard as either a character string or a character vector. The `type` attribute contains the type guessed by `'readr'`.

<code>render_type_pad_to</code>	<i>render_type_pad_to</i>
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Description

Based on a type and length, render a character string as the type in text. Pad to the desired length.

Usage

```
render_type_pad_to(char_vec, char_type, char_length)
```

Arguments

<code>char_vec</code>	a character vector
<code>char_type</code>	a string type from <code>readr::guess_parser</code>
<code>char_length</code>	a string length to pad to.

Value

a string containing the representation of `char_vec` as `char_type` in the RStudio source editor, left-padded with spaces to `char_length`.

tribble_paste	<i>tribble_paste</i>
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Description

Parse the current clipboard as a table and paste in at the cursor location in tribbble format.

Usage

```
tribble_paste()
```

Value

nothing.

vector_paste	<i>vector_paste</i>
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Description

Pastes data from clipboard as a horizontally formatted character vector on a single line. Considers , | tab newline as delimiters.

Usage

```
vector_paste()
```

Value

nothing.

vector_paste_vertical	<i>vector_paste_vertical</i>
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Description

Pastes data from clipboard as a vertically formatted character vector on a multiple lines. One line is used per element. Considers , | tab newline as delimiters.

Usage

```
vector_paste_vertical()
```

Value

nothing.

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