

Package ‘easyformatr’

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Type Package

Title Tools for Building R Formats

Version 0.1.2

Description Builds format strings that can be used with `strptime()` and `sprintf()`.

Depends R (>= 3.2.2)

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LazyData TRUE

Imports dplyr (>= 0.4.3), lazyeval (>= 0.1.10), magrittr (>= 1.5),
stringi (>= 0.5-5), tidyr (>= 0.3.1), knitr (>= 1.11), tibble
(>= 1.1)

URL <https://github.com/bramtayl/easyformatr>

BugReports <https://github.com/bramtayl/easyformatr/issues>

RoxygenNote 5.0.1

Suggests testthat, rmarkdown

Collate 'tools.R' 'numbers.R' 'times.R' 'easyformatr.R'

VignetteBuilder knitr

NeedsCompilation no

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easy_format	<i>Easily build format strings</i>
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Description

Use 'filter_info' to find more information about format components

Usage

```
easy_format(..., sep = "")
```

Arguments

...	A mixture of time or number components, including bases and modifications, and strings.
sep	A separator, defaults to ""

Examples

```
easy_format(year, month, day, integer, octal, double)
easy_format(decimal(second) )
easy_format(before_decimal(double, 3) )
easy_format(month,
             roman(list(day,
                       minute) ) )
```

easy_format_	<i>Standard evaluation version of easy_format</i>
--------------	---

Description

See title

Usage

```
easy_format_(args, sep = "")
```

Arguments

args An unevaluated expression, or list of expressions
 sep A separator, defaults to ""

Examples

```
easy_format(c("hour", "minute", "second"))
```

filter_info *Query documentation*

Description

Will return a cleaned markdown table

Usage

```
filter_info(filter_statement)
```

Arguments

filter_statement
 A logical filter

Examples

```
filter_info(type == "time" & component == "base")
filter_info(type == "number" & component == "base")
filter_info(type == "time" & component == "mutant" & base == "second")
filter_info(type == "number" & component == "flag")
filter_info(type == "number" & component == "option")
```

filter_info_ *Standard evaluation version of filter_info*

Description

Will return a cleaned markdown table

Usage

```
filter_info_(filter_expression)
```

Arguments

filter_expression
 An unevaluated logical filter

Examples

```
filter_info_("type == 'time' & component == 'base'")
```

format_info	<i>Format info</i>
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Description

A huge table of documentation. Best queried through filter_info

Usage

```
format_info
```

Format

An object of class tbl_df (inherits from tbl, data.frame) with 78 rows and 23 columns.

name_value_to_list	<i>Convert a dataframe that has a name and a value column to a named list.</i>
--------------------	--

Description

Convenience function

Usage

```
name_value_to_list(x)
```

Arguments

x	A dataframe
---	-------------

parse_binding_errors	<i>Gives you a command to handle "no visible binding" errors</i>
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Description

See title

Usage

```
parse_binding_errors(string)
```

Arguments

string	The pasted text of no visible binding errors
--------	--

paste_NA_omit	<i>Will paste, omitting all NA values</i>
---------------	---

Description

See title

Usage

```
paste_NA_omit(..., sep = "", collapse = NULL)
```

Arguments

...	See paste documentation
sep	See paste documentation
collapse	See paste documentation

paste_NA_poison	<i>Will paste. Anything pasted to NA will return NA</i>
-----------------	---

Description

See title

Usage

```
paste_NA_poison(..., sep = "", collapse = NULL)
```

Arguments

...	See paste documentation
sep	See paste documentation
collapse	See paste documentation

remove_NA_columns *Remove columns that are all NA*

Description

Convenience function

Usage

```
remove_NA_columns(x)
```

Arguments

x A dataframe or list of vectors.

Examples

```
remove_NA_columns(data.frame(a = NA, b = 1))
```

remove_single_value_columns
 Remove columns that are all identical

Description

Convenience function

Usage

```
remove_single_value_columns(x)
```

Arguments

x A dataframe or list of vectors.

Examples

```
remove_single_value_columns(data.frame(a = c(1, 1), b = c(1, 2)))
```

`string_table`*Build objects and dataframes together tidily*

Description

This will recursively bind dataframes together rowwise. Anything that is not a list or a dataframe will be converted a string, doubling all percentage signs, and then to `dplyr::0data_frame(base = "raw", raw_value = .)`

Usage

```
string_table(x)
```

Arguments

`x` A list, dataframe, string, or object that can be converted to a string.

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