

Package ‘rematch’

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Title Match Regular Expressions with a Nicer 'API'

Version 1.0.1

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Description A small wrapper on 'regexr' to extract the matches and captured groups from the match of a regular expression to a character vector.

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LazyData true

URL <https://github.com/MangoTheCat/rematch>

BugReports <https://github.com/MangoTheCat/rematch/issues>

RoxygenNote 5.0.1.9000

Suggests covr, testthat

Encoding UTF-8

NeedsCompilation no

Repository CRAN

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R topics documented:

rematch	1
re_match	2
Index	3

rematch	<i>Match Regular Expressions with a Nicer 'API'</i>
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Description

A small wrapper on 'regexr' to extract the matches and captured groups from the match of a regular expression to a character vector. See [re_match](#).

re_match	<i>Match a regular expression to a character vector</i>
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Description

This function is a small wrapper on the [regexpr](#) base R function, to provide an API that is easier to use.

Usage

```
re_match(pattern, text, perl = TRUE, ...)
```

Arguments

pattern	Regular expression, defaults to be a PCRE expression. See regex for more about regular expressions.
text	Character vector.
perl	Logical, should Perl-compatible regular expressions be used?
...	Additional arguments to pass to regexpr .

Details

Currently only the first occurrence of the pattern is used.

Value

A character matrix of the matched (sub)strings. The first column is always the full match. This column is named `.match`. The result of the columns are capture groups, with appropriate column names, if the groups are named.

Examples

```
dates <- c("2016-04-20", "1977-08-08", "not a date", "2016",
          "76-03-02", "2012-06-30", "2015-01-21 19:58")
isodate <- "([0-9]{4})-([0-1][0-9])-([0-3][0-9])"
re_match(text = dates, pattern = isodate)

# The same with named groups
isodaten <- "(?<year>[0-9]{4})-(?<month>[0-1][0-9])-(?<day>[0-3][0-9])"
re_match(text = dates, pattern = isodaten)
```

Index

`re_match`, [1](#), [2](#)

`regex`, [2](#)

`regexpr`, [2](#)

`rematch`, [1](#)

`rematch-package (rematch)`, [1](#)