

# Package ‘rematch’

April 21, 2016

**Title** Match Regular Expressions with a Nicier '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.

**License** MIT + file LICENSE

**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

**Date/Publication** 2016-04-21 08:20:46

## R topics documented:

rematch	1
re_match	2
<b>Index</b>	<b>3</b>

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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](#).

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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 <a href="#">regex</a> for more about regular expressions.
text	Character vector.
perl	Logical, should Perl-compatible regular expressions be used?
...	Additional arguments to pass to <a href="#">regexpr</a> .

### 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](#)