Package ‘rematch’

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Title Match Regular Expressions with a Nicer ‘API’
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Description A small wrapper on ‘regexpr’ to extract the matches and captured groups from the match of a regular expression to a character vector.
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rematch Match Regular Expressions with a Nicer ‘API’

Description

A small wrapper on ‘regexpr’ to extract the matches and captured groups from the match of a regular expression to a character vector. See re_match.
**re_match**  
*Match a regular expression to a character vector*

**Description**

This function is a small wrapper on the `regexpr` base R function, to provide an API that is easier to use.

**Usage**

```r
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**

```r
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)
```
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