

Package ‘bracer’

September 3, 2019

Title Brace Expansions

Version 1.1.1

Description Performs brace expansions on strings. Made popular by Unix shells, brace expansion allows users to concisely generate certain character vectors by taking a single string and (recursively) expanding the comma-separated lists and double-period-separated integer and character sequences enclosed within braces in that string. The double-period-separated numeric integer expansion also supports padding the resulting numbers with zeros.

URL <https://github.com/trevorld/bracer>

BugReports <https://github.com/trevorld/bracer/issues>

Imports stringr

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Encoding UTF-8

LazyData true

Suggests covr, testthat

RoxxygenNote 6.1.1

NeedsCompilation no

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expand_braces	<i>Bash-style brace expansion</i>
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Description

expand_braces performs brace expansions on strings, str_expand_braces is an alternate function that returns a list of character vectors. Made popular by Unix shells, brace expansion allows users to concisely generate certain character vectors by taking a single string and (recursively) expanding the comma-separated lists and double-period-separated integer and character sequences enclosed within braces in that string. The double-period-separated numeric integer expansion also supports padding the resulting numbers with zeros.

Usage

```
expand_braces(string)

str_expand_braces(string)
```

Arguments

string input character vector

Value

expand_braces returns a character vector while str_expand_braces returns a list of character vectors.

Examples

```
expand_braces("Foo{A..F}")
expand_braces("Foo{01..10}")
expand_braces("Foo{A..E..2}{1..5..2}")
expand_braces("Foo{-01..1}")
expand_braces("Foo{{d..d},{bar,biz}}.{py,bash}")
expand_braces(c("Foo{A..F}", "Bar.{py,bash}", "{{Biz}}"))
str_expand_braces(c("Foo{A..F}", "Bar.{py,bash}", "{{Biz}}"))
```

glob	<i>Brace and Wildcard expansion on file paths</i>
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Description

glob is a wrapper around Sys.glob that uses expand_braces to support both brace and wildcard expansion on file paths.

Usage

```
glob(paths, ...)
```

Arguments

<code>paths</code>	character vector of patterns for relative or absolute filepaths.
<code>...</code>	Passed to <code>Sys.glob</code>

Examples

```
dir <- system.file("R", package="bracer")  
path <- file.path(dir, "*.R,r,S,s")  
glob(path)
```

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