

Package: zipR (via r-universe)

September 4, 2024

Title Pythonic Zip() for R

Version 0.1.1

Description Implements Python-style zip for R. Is a more flexible version of cbind.

Depends R (>= 2.1.0)

License GPL-3

Encoding UTF-8

LazyData true

RoxygenNote 6.0.1.9000

Suggests knitr, rmarkdown, devtools

URL <https://github.com/leslie-huang/zipR>

BugReports <https://github.com/leslie-huang/zipR/issues>

VignetteBuilder knitr

Repository <https://leslie-huang.r-universe.dev>

RemoteUrl <https://github.com/leslie-huang/zipr>

RemoteRef HEAD

RemoteSha 1164dcfd135e844878ab81af2d34b2b8420f7c91

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broadcast	<i>broadcasts a shorter vector-like object into a vector of equal length as a longer vector-like object</i>
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Description

broadcasts a shorter vector-like object into a vector of equal length as a longer vector-like object

Usage

```
broadcast(longer, shorter)
```

Arguments

longer	longer vector-like object
shorter	shorter vector-like object

check_length	<i>This function checks that the vector-like objects x, y are of equal length.</i>
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Description

This function checks that the vector-like objects x, y are of equal length.

Usage

```
check_length(x, y)
```

Arguments

x	vector-like object
y	vector-like object

fill	<i>Use a given fillvalue to fill in a shorter sequence and returns a sequence of equal length to the longer sequence. Takes a subset of the fill sequence if fill sequence is longer than the difference between the longer and shorter sequences</i>
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Description

Use a given fillvalue to fill in a shorter sequence and returns a sequence of equal length to the longer sequence. Takes a subset of the fill sequence if fill sequence is longer than the difference between the longer and shorter sequences

Usage

```
fill(longer, shorter, fillvalue)
```

Arguments

longer	longer vector-like object
shorter	shorter vector-like object
fillvalue	sequence of value(s) to fill in shorter vector. If fillvalue is longer than the difference between 'shorter' and 'longer', values from fillvalue will be taken only until 'shorter' is the same length as 'longer'

zipr	<i>zip two vector-like objects into a dataframe</i>
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Description

zip two vector-like objects into a dataframe

Usage

```
zipr(x = x, y = x, broadcast = FALSE, fill = FALSE,
     fillvalue = c(NA))
```

Arguments

x	vector-like object
y	vector-like object
broadcast	defaults to FALSE; if TRUE, shorter sequence is repeated until its length is equal to that of the longer sequence
fill	defaults to FALSE; bool for whether fillvalue should be implemented
fillvalue	value or sequence of value(s) to fill in shorter sequence until it is the same length as the longer sequence. Defaults to NA

Value

A dataframe

Examples

```
a <- c(1,2,3)
b <- c(4,5,6)
c <- c(1,2,3,4,5,6)
d <- c(7,8)
z <- c(9)
filler <- c(NA)

# zip two vectors of the same length
zipr(a,b)

# zip two vectors of different lengths, repeating the shorter vector
zipr(a, z, broadcast = TRUE)

# zip two vectors of different lengths, using the default fill value
zipr(z, a, fill = TRUE)

# zip two vectors of different lengths, using a custom fill value
zipr(c,a, fill = TRUE, fillvalue = z)
```

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