

Package ‘listenv’

January 21, 2018

Version 0.7.0

Depends R (>= 3.1.2)

Suggests R.utils, R.rsp, markdown

VignetteBuilder R.rsp

Title Environments Behaving (Almost) as Lists

Description List environments are environments that have list-like properties. For instance, the elements of a list environment are ordered and can be accessed and iterated over using index subsetting, e.g. 'x <- listenv(a = 1, b = 2); for (i in seq_along(x)) x[[i]] <- x[[i]] ^ 2; y <- as.list(x)'.

License LGPL (>= 2.1)

LazyLoad TRUE

URL <https://github.com/HenrikBengtsson/listenv>

BugReports <https://github.com/HenrikBengtsson/listenv/issues>

RoxygenNote 6.0.1

NeedsCompilation no

Author Henrik Bengtsson [aut, cre, cph]

Maintainer Henrik Bengtsson <henrikb@braju.com>

Repository CRAN

Date/Publication 2018-01-21 21:55:48 UTC

R topics documented:

dim_na	2
listenv	2

Index	4
--------------	----------

dim_na *Set the dimension of an object*

Description

Set the dimension of an object

Usage

```
dim_na(x) <- value
```

Arguments

`x` An R object, e.g. a list environment, a matrix, an array, or a data frame.

`value` A numeric vector coerced to integers. If one of the elements is missing, then its value is inferred from the other elements (which must be non-missing) and the length of `x`.

Value

An object with the dimensions set, similar to what `dim(x) <- value` returns.

Examples

```
x <- 1:6
dim_na(x) <- c(2, NA)
print(dim(x)) ## [1] 2 3
```

listenv *Create a list environment*

Description

Create a list environment

Usage

```
listenv(...)  
as.listenv(...)
```

Arguments

`...` (optional) Named and/or unnamed objects to be assigned to the list environment.

Value

An environment of class `listenv`.

Examples

```
x <- listenv(c = 2, a = 3, d = "hello")
print(names(x))
names(x)[2] <- "A"
x$b <- 5:8
```

```
y <- as.list(x)
str(y)
```

```
z <- as.listenv(y)
```

Index

`as.listenv(listenv)`, 2

`dim_na`, 2

`dim_na<- (dim_na)`, 2

`listenv`, 2