Package ‘listenv’

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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 7.0.2

NeedsCompilation no

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Repository CRAN

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**dim_na** | *Set the dimension of an object*

**Description**
Set the dimension of an object

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

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**listenv** | *Create a list environment*

**Description**
Create a list environment

**Usage**
```r
listenv(...)

as.listenv(...)
```

**Arguments**
- `...`: (optional) Named and/or unnamed objects to be assigned to the list environment.
Value

An environment of class listenv.

Examples

```r
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)
```
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