

Package ‘dotty’

July 22, 2025

Type Package

Title The Unpacking Dot Operator

Version 0.1.0

Description Provides a ``.` object which can be used for unpacking assignments. For example, ``.[rows, columns] <- dim(cars)`` could be used to pull the number of rows and number of columns from ``dim(cars)`` into individual variables ``rows`` and ``columns`` in a single step.

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Encoding UTF-8

RoxygenNote 7.3.2

Suggests codetools, testthat (>= 3.0.0)

Config/testthat/edition 3

URL <https://kevinushey.github.io/dotty/>

NeedsCompilation no

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The Destructuring Dot Operator

Description

Use 'dotty' to performed destructuring assignments. Please see the examples below for usages.

Usage**Format**

An object of class dotty of length 0.

Examples

```
# extract number of rows, number of columns from mtcars
.[nr, nc] <- dim(mtcars)
c(nr, nc)

# extract first, last element of vector
.[first, .., last] <- c(1, 2, 3, 4, 5)
c(first, last)

# extract a value by name
.[beta = beta] <- list(alpha = 1, beta = 2, gamma = 3)
beta

# unpack nested values
.[x, .[y, .[z]]] <- list(1, list(2, list(3)))
c(x, y, z)

# split version components
.[major, minor, patch] <- getRversion()
c(major, minor, patch)
```

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