Package 'ellipsis'

April 4, 2026

Version 0.3.3

Title Tools for Working with ...

Description The ellipsis is a powerful tool for extending functions. Unfortunately this power comes at a cost: misspelled arguments will be silently ignored. The ellipsis package provides a collection of functions to catch problems and alert the user.

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Encoding UTF-8

RoxygenNote 7.1.1

URL https://ellipsis.r-lib.org, https://github.com/r-lib/ellipsis

BugReports https://github.com/r-lib/ellipsis/issues

Depends R (>= 3.2)

Imports rlang (>= 1.1.7)

Suggests covr, testthat

NeedsCompilation no

Author Hadley Wickham [aut, cre],
RStudio [cph]

Maintainer Hadley Wickham <hadley@rstudio.com>

Repository CRAN

Date/Publication 2026-04-04 05:11:12 UTC

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check_dots_empty *Check that dots are unused*

Description

Sometimes you just want to use ... to force your users to fully name the details arguments. This function warns if ... is not empty.

Arguments

env	Environment in which to look for ....
action	The action to take when the dots have not been used. One of rlang::abort(), rlang::warn(), rlang::inform() or rlang::signal().

Examples

```
f <- function(x, ..., foofy = 8) {
  check_dots_empty()
  x + foofy
}

try(f(1, foof = 4))
f(1, foofy = 4)
```

check_dots_unnamed *Check that all dots are unnamed*

Description

Named arguments in ... are often a sign of misspelled argument names.

Arguments

env	Environment in which to look for ....
action	The action to take when the dots have not been used. One of rlang::abort(), rlang::warn(), rlang::inform() or rlang::signal().

Examples

```
f <- function(..., foofy = 8) {
  check_dots_unnamed()
  c(...)
}

f(1, 2, 3, foofy = 4)
try(f(1, 2, 3, foof = 4))
```

check_dots_used *Check that all dots have been used*

Description

Automatically sets exit handler to run when function terminates, checking that all elements of ... have been evaluated. If you use on.exit() elsewhere in your function, make sure to use add = TRUE so that you don't override the handler set up by check_dots_used().

Arguments

env	Environment in which to look for ... and to set up handler.
action	The action to take when the dots have not been used. One of rlang::abort(), rlang::warn(), rlang::inform() or rlang::signal().

Examples

```
f <- function(...) {
  check_dots_used()
  g(...)
}

g <- function(x, y, ...) {
  x + y
}
f(x = 1, y = 2)

try(f(x = 1, y = 2, z = 3))
try(f(x = 1, y = 2, 3, 4, 5))
```

safe_median *Safe version of median*

Description

safe_median() works stats::median() but warns if some elements of ... are never used.

Usage

```
safe_median(x, ...)

## S3 method for class 'numeric'
safe_median(x, ..., na.rm = TRUE)
```

Arguments

x	Numeric vector
...	Additional arguments passed on to methods.
na.rm	For numeric method, should missing values be removed?

Examples

```
x <- c(1:10, NA)
safe_median(x, na.rm = TRUE)
median(x, na.rm = TRUE)

try(median(x, na.mr = TRUE))
try(safe_median(x, na.mr = TRUE))

try(median(1, 2, 3))
try(safe_median(1, 2, 3))
```

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