Package: roundR (via r-universe)

May 16, 2026

Type Package

Title Round Numeric Values to the Nearest Integer

Version 0.1.0

Description By default, R rounds numeric values to even integers, following the IEC 60559 standard. This package offers alternative functionality to round to the closest integer.

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Encoding UTF-8

LazyData true

Roxygen list(markdown = TRUE)

RoxygenNote 7.3.3

Imports dplyr

Suggests testthat (>= 3.0.0)

Config/testthat/edition 3

URL https://github.com/hanneoberman/roundR

BugReports https://github.com/hanneoberman/roundR/issues

Repository https://hanneoberman.r-universe.dev

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round_to_integer *Round to the nearest integer*

Description

The base::round() function rounds the number 1.5 to 2 and the number 2.5 also to 2, because of the IEC 60559 standard. This function provides an integer rounding alternative to base::round().

Usage

```
round_to_integer(x)
```

Arguments

x	A numeric element or vector to round to the nearest integer

Value

An integer element or vector

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Examples

```
library(dplyr)
# unexpected rounding
c(0.5, 1.5, 2.5, 3.5) |> round()
# rounding to nearest integer
c(0.5, 1.5, 2.5, 3.5) |> round_to_integer()
```

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