

Package ‘inplace’

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Title In-place Operators for R

Description It provides in-place operators for R that are equivalent to '+=', '-=', '*=', '/=' in C++. Those can be applied on integer|double vectors|matrices. You have also access to sweep operations (in-place).

License GPL-3

Language en-US

Encoding UTF-8

LazyData true

ByteCompile true

RoxygenNote 7.1.1

LinkingTo Rcpp

Imports Rcpp

Suggests spelling, data.table, testthat, covr

URL <https://github.com/privefl/inplace>

BugReports <https://github.com/privefl/inplace/issues>

NeedsCompilation yes

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Repository CRAN

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inplace-op

In-place operators

Description

In-place operators

Usage

`x %*%-> value`

`x %+<-> value`

`x %-<-> value`

`x %/<-> value`

Arguments

<code>x</code>	Variable.
<code>value</code>	Value.

Value

NULL (invisibly).

Examples

```
mat <- matrix(1:4, 2)
mat
mat %+<-> 2
mat
```

inplace-sweep

Sweep

Description

Sweep

Usage

```
sweep1_in_place(x, STATS, FUN = c("-", "+", "*", "/"))
```

```
sweep2_in_place(x, STATS, FUN = c("-", "+", "*", "/"))
```

Arguments

x a matrix.
STATS the summary statistic which is to be swept out.
FUN the function to be used to carry out the sweep.

Value

NULL, invisibly.

Examples

```
x <- matrix(1:6, 2)
sweep(x, 2, 1:3)
x
sweep2_in_place(x, 1:3)
x
```

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