

# Package: inplace (via r-universe)

September 1, 2024

**Version** 0.1.2

**Date** 2020-08-24

**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

**Roxygen** list(markdown = 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>

**Repository** <https://privefl.r-universe.dev>

**RemoteUrl** <https://github.com/privefl/inplace>

**RemoteRef** HEAD

**RemoteSha** 54479172e0efef0b98b1fb0c66dd69d89f2d33d

## Contents

inplace-op . . . . .	2
inplace-sweep . . . . .	2

<b>Index</b>	<b>4</b>
--------------	----------

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inplace-op

*In-place operators*


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**Description**

In-place operators

**Usage**

`x %*<-% value`

`x %+<-% value`

`x %-<-% value`

`x %/<-% value`

**Arguments**

`x` Variable.

`value` Value.

**Value**

NULL (invisibly).

**Examples**

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

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inplace-sweep

*Sweep*


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**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
```

# Index

`%*%-%` (inplace-op), [2](#)  
`%+%-%` (inplace-op), [2](#)  
`%-%-%` (inplace-op), [2](#)  
`%/<-%` (inplace-op), [2](#)

`inplace-op`, [2](#)  
`inplace-sweep`, [2](#)

`sweep1_in_place` (inplace-sweep), [2](#)  
`sweep2_in_place` (inplace-sweep), [2](#)