Package 'inplace'

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Version 0.1.2

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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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R topics documented:

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inplace-op   *In-place operators*

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*

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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