Package ‘inplace’

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Version 0.1.0
Date 2018-06-06
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 6.0.1
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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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

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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