Package ‘RcppNLoptExample’
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Type Package
Title 'Rcpp' Package Illustrating Header-Only Access to 'NLopt'
Version 0.0.1
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Description An example package which shows use of 'NLopt' functionality from
C++ via 'Rcpp' without requiring linking, and relying just on 'nlopt' thanks
to the exporting API added there by Jelmer Ypma. This package is a fully
functioning, updated, and expanded version of the initial example by
Julien Chiquet at <https://github.com/jchiquet/RcppArmadilloNLoptExample>
also containing a large earlier pull request of mine.
License GPL (>= 2)
Encoding UTF-8
LinkingTo Rcpp, nloptr (>= 1.2.0)
Imports Rcpp, nloptr (>= 1.2.0)
Depends R (>= 3.0.2)
RoxygenNote 6.0.1
NeedsCompilation yes
Repository CRAN
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R topics documented:

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Description

A simple example for NLOpt integration for Rcpp, using an example from the NLOpt tutorial.

Usage

testConstrainedProblem(method = "MMA", verbose = FALSE)

Arguments

- method: A string defaulting to 'MMA' (also allowing 'COBYLA') which selects the algorithm use.
- verbose: A boolean toggle defaulting to 'false'

Value

A numeric vector with two elements

See Also


Examples

testConstrainedProblem("MMA", TRUE)
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