## Package 'ROI.plugin.nloptr'

July 6, 2023

Version 1.0-1
Title 'nloptr' Plug-in for the 'R' Optimization Infrastructure
<b>Description</b> Enhances the R Optimization Infrastructure ('ROI') package with the 'NLopt' solver for solving nonlinear optimization problems.
Imports methods, stats, utils, ROI (>= 1.0-0), nloptr (>= 1.2.1)
License GPL-3
<pre>URL https://roigrp.gitlab.io,</pre>
https://gitlab.com/roigrp/solver/ROI.plugin.nloptr
NeedsCompilation no
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## Description

The following example solves the Rosenbrock function (https://en.wikipedia.org/wiki/Rosenbrock\_function).

minimize 
$$f(x) = 100(x_2 - x_1^2)^2 + (1 - x_1)^2$$

Example-1

## **Examples**

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