Package 'ROI.models.globalOptTests'

January 20, 2025

Type Package	
Title 'ROI' Optimization Problems Based on 'globalOptTests'	
Version 1.1-2	
Description A collection of non-linear optimization problems with box bounds transformed into 'ROI' optimization problems. This package provides a wrapper around the 'globalOptTests' which provides a collection of global optimization problems. More information can be found in the 'README' file.	
Imports ROI (>= 0.3-0), globalOptTests	
Suggests Rglpk (>= 0.6-2)	
License GPL-3	
RoxygenNote 7.2.3	
NeedsCompilation no	
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Repository CRAN	
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globopt Access globalOptTests	
Description	

problems.

Get one or more optimization problems, meta information or a listing of the available globalOptTests

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Usage

Arguments

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a character giving the names of the optimization problems to be returned, if x is "all" all available problems are returned, if x is the name of a single problem the given problem is returned. If x is missing a listing of all available problems is returned. If x is "metainfo" the meta information about the problems is returned.

Examples

```
## list all available MIPLIB-2010 problems
globopt()
## get all miplib problems
globopt("all")
## get a single problem
globopt("MieleCantrell")
## get the meta information
globopt("metainfo")
```

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