Package 'RobAStRDA'

March 11, 2019

Version 1.2.0

Date 2019-03-11

Title Interpolation Grids for Packages of the 'RobASt' - Family of
Packages

Description Includes 'sysdata.rda' file for packages of the 'RobASt' - family of packages; is
currently used by package 'RobExtremes' only.

Depends R (>= 2.10)

LazyData yes

ByteCompile yes

License LGPL-3

URL <http://robast.r-forge.r-project.org/>

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R topics documented:

RobRDA-package   *Interpolation Grids for Packages of RobASt - Family of Pkgs*

Description

This package only contains sysdata.rda (with corresponding interpolation grids for speedup); it is currently used in package **RobExtremes**. The code to produce its contents is split into two parts: (a) grid construction and (b) interpolator construction. While the code for (a) can be drawn from CRAN-packages **ROptEst** and **RobExtremes**, more specifically: see `?.RMXE.xi` (**RobExtremes**) resp. `?.RMXE.th` (**ROptEst**), as well as the contents of the (system) folder of package RobExtremes, i.e., `dir(file.path(system.file(package="RobExtremes"),"AddMaterial","interpolation"))`, the code for (b) resides in the present package (and does not need to know anything about the grid construction). As it is not meant for users but rather for developers, it is not exported to the namespace; still, it is documented, see `?.generateInterpolators`.

The reason to separate the rda file from the actual R packages is to keep the latter small while we expect the present package to only need seldom updates.

See also mail exchange P.Ruckdeschel - U.Ligges on R-devel— https://stat.ethz.ch/pipermail/r-devel/2013-February/065794.html.

Details

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Depends:	R (>= 2.3.0)
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