

Package: RobAStRDA (via r-universe)

September 16, 2026

Version 1.2.1

Date 2024-01-28

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(>= 3.5.0)

SysDataCompression xz

ByteCompile yes

License LGPL-3

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

LastChangedDate {\$LastChangedDate\$}

LastChangedRevision {\$LastChangedRevision\$}

VCS/SVNRevision 1261

Repository <https://r-forge.r-universe.dev>

Date/Publication 2025-01-19 16:58:14 UTC

RemoteUrl <https://github.com/r-forge/robast>

RemoteRef HEAD

RemoteSha c818774979e090e0fe7fd88f4f9fa51552d3bd87

RemoteSubdir pkg/RobAStRDA

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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

Package:	RobAStrDA
Version:	1.2.1
Date:	2024-01-28
Depends:	R(>= 3.4)
LazyData:	yes
ByteCompile:	yes
License:	LGPL-3
URL:	http://robast.r-forge.r-project.org/
VCS/SVNRevision:	1261

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