

Package ‘bigmemory.sri’

August 18, 2014

Type Package

Title A shared resource interface for Bigmemory Project packages

Version 0.1.3

Date 2012-08-17

Author Michael J. Kane

Maintainer Michael J. Kane <bigmemoryauthors@gmail.com>

Contact Michael J. Kane <bigmemoryauthors@gmail.com>

Description

This package provides a shared resource interface for the bigmemory and synchronicity packages.

License LGPL-3 | Apache License 2.0

Imports methods

Enhances bigmemory, synchronicity

NeedsCompilation no

Repository CRAN

Date/Publication 2014-08-18 07:26:39

R topics documented:

bigmemory.sri-package	2
attach.resource	2
describe	3

Index	4
--------------	----------

bigmemory.sri-package *A shared resource interface for Bigmemory Project packages*

Description

This package provides a shared resource interface for the bigmemory and synchronicity packages.

Details

Package: bigmemory.sri
Type: Package
Version: 0.1.4
Date: 2012-08-17
License: LGPL-3 | Apache License 2.0
Depends: methods

Both the bigmemory and synchronicity package use a common interface for using a computer's shared resources. Previously the package checked to see if the other package was loaded and if it was not the interface was loaded. However, this approach relied on a .Internal call in the zzz.R file. However, due to recent changes in CRAN policy this approach has become verboten. The bigmemory.sri package was created to handle this interface dependency without violating CRAN package guidelines

Author(s)

Michael J. Kane

Maintainer: Michael J. Kane <bigmemoryauthors@gmail.com>

See Also

[bigmemory](#), [synchronicity](#)

attach.resource *Create an object that makes use of a shared resource*

Description

This function attaches to a system-wide shared resource on a computer. It is used by the **bigmemory** and **synchronicity** packages.

Usage

```
attach.resource(obj, ...)
```

Arguments

`obj` a descriptor object that describes the location and type of shared resource
`...` other information needed for object-specific attaching

Value

An R object that makes use of shared resources.

Author(s)

Michael J. Kane

See Also

[describe](#)

describe

Create a description of a shared resource that can be attached

Description

This function creates a description of a shared resource and is used in conjunction with `attach.resource` to utilize shared resources from an R session.

Usage

```
describe(x)
```

Arguments

`x` The object to create a description for

Value

A user defined description of a shared resource

Author(s)

Michael J. Kane

See Also

[attach.resource](#)

Index

`attach.resource`, [2](#), [3](#)

`bigmemory`, [2](#)

`bigmemory.sri` (`bigmemory.sri-package`), [2](#)

`bigmemory.sri-package`, [2](#)

`describe`, [3](#), [3](#)

`synchronicity`, [2](#)