

Package ‘bigmemory.sri’

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Type Package

Title A Shared Resource Interface for Bigmemory Project Packages

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Description A shared resource interface for the bigmemory and synchronicity packages.

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Enhances bigmemory

Imports methods

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attach.resource *Create an Object that Makes Use of a Shared Resource*

Description

This generic function should be used to attach to a system-wide shared resource on a computer. It is used by other packages.

Usage

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

Arguments

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

Value

An R object that makes use of a share resource.

Examples

```
# Create a concrete function.  
setMethod(  
  "attach.resource",  
  signature(obj = "NULL"),  
  function (obj, ...) {  
    NULL  
  }  
)  
  
# Describe it  
attach.resource(NULL)
```

describe *Create a Description of a Shared Resource*

Description

This generic function should be used for creating 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 the descriptor for.

Value

A user-defined description of a shared resource.

See Also

[bigmemory.sri::attach.resource()]

Examples

```
# Create a concrete function.
setMethod(
  "describe",
  signature(x = "list"),
  function (x) {
    print(x$value)
  }
)

# Create an object to describe.
tst = list(loc = "in_ram_not_shared", value = "hello world")

# Describe it
describe(tst)
```

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