

# Package: bigmemory.sri (via r-universe)

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**Type** Package

**Title** A Shared Resource Interface for Bigmemory Project Packages

**Version** 0.1.8

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

**Encoding** UTF-8

**Language** en-US

**License** LGPL-3 | Apache License 2.0

**Enhances** bigmemory

**Imports** methods

**RoxygenNote** 7.2.3

**NeedsCompilation** no

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**Repository** CRAN

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

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### **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)
```

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describe              *Create a Description of a Shared Resource*

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### **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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