

# Package ‘simpleRCache’

July 15, 2021

**Title** Simple R Cache

**Description** Simple result caching in R based on R.cache. The global environment is not considered when caching results simplifying moving files between multiple instances of R. Relies on more base functions than R.cache (e.g. cached results are saved using saveRDS() and readRDS()).

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**Author** Augustin Luna, Vinodh Rajapakse

**Maintainer** Augustin Luna <lunaa@cbio.mskcc.org>

**Depends** R (>= 3.1.1)

**License** LGPL

**Imports** digest

**Suggests** knitr, rmarkdown

**VignetteBuilder** knitr

**RoxygenNote** 7.0.2

**NeedsCompilation** no

**Repository** CRAN

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addMemoization      *Add Memoization to a Function*

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**Description**

Add Memoization to a Function

**Usage**

```
addMemoization(fcn, verbose = FALSE)
```

**Arguments**

fcn                    the function to be memoized  
verbose                show debugging information

**Value**

memoized function

**Examples**

```
runifCached <- addMemoization(runif)
```

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memoizedCall      *Call a Memoized Function*

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**Description**

Call a Memoized Function

**Usage**

```
memoizedCall(fcn, ...)
```

**Arguments**

fcn                    a function  
...                    the arguments to the function

**Value**

result of memoized function

**Note**

If the environment variable `DEBUG_SIMPLERCACHE` is set, then the `keyHash` will be outputted. This can be used to identify cache RDS files.

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setCacheRootPath	<i>Set Cache Root Path</i>
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**Description**

Set Cache Root Path

**Usage**

```
setCacheRootPath(path = tempdir())
```

**Arguments**

path	the cache root directory (DEFAULT: a temporary directory, but this can be change to a more permanent location)
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**Examples**

```
setCacheRootPath()  
## Not run:  
setCacheRootPath("~/simpleRCache")  
  
## End(Not run)
```

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