Package 'simpleRCache'

October 14, 2022

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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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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R topics documented:

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addMemoization   *Add Memoization to a Function*

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*

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   *Set Cache Root Path*

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)

Examples

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

## End(Not run)
```

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