Package ‘mustashe’

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Type  Package
Title  Stash and Load Objects
Version  0.1.2
Description  A simple system for saving and loading objects in R. Long running computations can be stashed after the first run and then reloaded the next time. Dependencies can be added to ensure that a computation is re-run if any of its dependencies or inputs have changed.
License  GPL-3
URL  https://github.com/jhrcook/mustashe
     https://jhrcook.github.io/mustashe/
BugReports  https://github.com/jhrcook/mustashe/issues
Imports  digest (>= 0.6.0), formatR (>= 1.7), qs (>= 0.21.2), tibble (>= 2.1.0)
Suggests  covr (>= 3.3.0), knitr (>= 1.28), rmarkdown (>= 2.1), spelling (>= 2.1), testthat (>= 2.1.0), tictoc (>= 1.0)
VignetteBuilder  knitr
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Language  en-US
LazyData  true
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NeedsCompilation  no
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R topics documented:

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clear_stash | Clear the stash

Description

Clears the hidden `.mustashe` directory.

Usage

clear_stash()

Value

Returns NULL (invisibly).

Examples

clear_stash()

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mustashe | mustashe: Stash and Load Objects in R

Description

A simple system for saving and loading objects in R. Long running computations can be stashed after the first run and then reloaded the next time. Dependencies can be added to ensure that a computation is re-run if any of its dependencies or inputs have changed.
Stash an object

Description

Stash an object after the first time it is created and re-load it the next time. If the code that generates the object is changed or any of its dependencies change, the code is re-evaluated and the new object is stashed.

Usage

stash(var, code, depends_on = NULL)

Arguments

var A variable to stash (as a string).

code The code to generate the object to be stashed.

depends_on A vector of other objects that this one depends on. Changes to these objects will cause the re-running of the code, next time.

Value

Returns NULL (invisibly).

Examples

# A value that is used to create 'rnd_vals'.
x <<- 1e6 # The <<- is not normally required, just for this example.

# Stash the results of the computation of 'rnd_vals'.
stash("rnd_vals", depends_on = "x", {
    # Some long running computation.
    rnd_vals <- rnorm(x)
})

Unstash an object

Description

Remove an object from the stash.
Usage

unstash(var)

Arguments

var The name or a vector of names of objects to remove.

Value

Returns NULL (invisibly).

Examples

stash("x",
{
  x <- 1
})

unstash("x")
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