Package 'mustashe'

April 21, 2020

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.

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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

Encoding UTF-8

Language en-US

LazyData true

RoxygenNote 7.1.0

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.

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stash *Stash an object*

Description

Stash an object after the first time is 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 comuption of `rnd_vals`.
stash("rnd_vals", depends_on = "x", {
    # Some long running computation.
    rnd_vals <- rnorm(x)
})
```

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unstash *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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