Package 'magicfor'

October 13, 2022

Type Package

Version 0.1.0

Title Magic Functions to Obtain Results from for Loops

Description Magic functions to obtain results from for loops.

URL <https://github.com/hoxo-m/magicfor>

BugReports <https://github.com/hoxo-m/magicfor/issues>

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Imports utils

Suggests testthat, knitr, rmarkdown

RoxygenNote 5.0.1

VignetteBuilder knitr

NeedsCompilation no

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Repository CRAN

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R topics documented:

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is_magicalized   *Check whether for() is magicalized or not*

Description

Check whether for() is magicalized or not

Usage

```
is_magicalized(envir = parent.frame())
```

Arguments

envir   environment

Value

TRUE if for() is magicalized.

---

magic_for   *Magicalize for()*

Description

Magicalize for()

Usage

```
magic_for(func = put, progress = FALSE, test = FALSE, silent = FALSE,
  temporary = FALSE, max_object_size = 1 * MB)
```

Arguments

func   function name. The target function for magicalization.

progress   logical. If TRUE, show progress bar.

test   logical or a number. If TRUE or a number, limit iteration times to it.

silent   logical. If TRUE, do not execute func. Usually, func is print something.

temporary   logical. If TRUE, once run for(), free magicalization.

max_object_size

                  a number. Prevent to store large iterator. Default to 1 MB.

---

magic_free *Free magicalizetion and clear the result*

Description

Free magicalizetion and clear the result

Usage

```
magic_free()
```

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magic_result *Get values stored by magicalized for loops as a list*

Description

Get values stored by magicalized for loops as a list

Usage

```
magic_result()
```

Value

list

---

magic_result_as_dataframe
Get values stored by magicalized for loops as a data.frame

Description

Get values stored by magicalized for loops as a data.frame

Usage

```
magic_result_as_dataframe(iter = TRUE)
```

Arguments

iter logical. Include iterator into the result.

Value

data.frame

---

magic_result_as_vector

Get values stored by magicalized for loops as a vector

Description

Get values stored by magicalized for loops as a vector

Usage

```
magic_result_as_vector()
```

Value

vector

---

put   *Print values*

Description

Print values

Usage

```
put(..., envir = parent.frame())
```

Arguments

...	values
envir	environment

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