

Package ‘magicfor’

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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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is_magicalized	<i>Check whether for() is magicalized or not</i>
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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	<i>Magicalize for()</i>
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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	<i>Free magicalization and clear the result</i>
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Description

Free magicalization and clear the result

Usage

```
magic_free()
```

magic_result	<i>Get values stored by magicalized for loops as a list</i>
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Description

Get values stored by magicalized for loops as a list

Usage

```
magic_result()
```

Value

list

magic_result_as_dataframe	<i>Get values stored by magicalized for loops as a data.frame</i>
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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

<code>...</code>	values
<code>envir</code>	environment

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