

# Package: magicfor (via r-universe)

September 4, 2024

**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>

**License** MIT + file LICENSE

**Imports** utils

**Suggests** testthat, knitr, rmarkdown

**RoxygenNote** 5.0.1

**VignetteBuilder** knitr

**Repository** <https://hoxo-m.r-universe.dev>

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

**RemoteRef** HEAD

**RemoteSha** 367a2e9879f681f8a807cfd4f9f454eafaf3a0c3

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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
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**Value**

TRUE if for() is magicalized.

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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.

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magic_free	<i>Free magicalization and clear the result</i>
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**Description**

Free magicalization and clear the result

**Usage**

```
magic_free()
```

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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

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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

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`magic_result_as_vector`*Get values stored by magicalized for loops as a vector*

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**Description**

Get values stored by magicalized for loops as a vector

**Usage**

```
magic_result_as_vector()
```

**Value**

vector

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`put`*Print values*

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**Description**

Print values

**Usage**

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

**Arguments**

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

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