

# Package ‘fcuk’

February 26, 2026

**Type** Package

**Title** The Ultimate Helper for Clumsy Fingers

**Version** 0.2.0

**Description** Automatically suggests a correction when a typo occurs.

**License** GPL-3

**URL** <https://thinkr-open.github.io/fcuk/>,

<https://github.com/ThinkR-open/fcuk>

**BugReports** <https://github.com/ThinkR-open/fcuk/issues>

**Depends** R (>= 4.1.0)

**Imports** cli, clisymbols, crayon, rstudioapi, stringdist, utils

**Suggests** knitr, rmarkdown, testthat (>= 3.0.0)

**VignetteBuilder** knitr

**ByteCompile** true

**Config/testthat/edition** 3

**Encoding** UTF-8

**RoxygenNote** 7.3.3

**NeedsCompilation** no

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**Repository** CRAN

**Date/Publication** 2026-02-26 10:20:07 UTC

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+.fcuk	<i>Rerun with correction</i>
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## Description

Use the '+' operator with the '.' object to apply a correction.

## Usage

```
## S3 method for class 'fcuk'
x + y
```

## Arguments

x	Blank object of class fcuk.
y	An integer corresponding to the position of the proposal to be reused.

## Value

Invisibly returns a blank object.

## Examples

```
## Not run:
view(iris) # error
. + 1 # returns View(iris)

## End(Not run)
```

---

*Placeholder object for rerun operator*

---

**Description**

Use `+.1` or `+.2` to rerun the last command with a suggested correction.

**Usage****Format**

An object of class `fcuk` of length 1.

**Examples**

```
## Not run:  
view(iris) # error  
. + 1 # returns View(iris)  
  
## End(Not run)
```

---

`add_fcuk_to_rprofile` *Add library(fcuk) to the .Rprofile file*

---

**Description**

After calling this function, `fcuk` will be launched everytime you launch your current R project (or any project if you use option `global = TRUE`).

**Usage**

```
add_fcuk_to_rprofile(global = TRUE)
```

**Arguments**

`global` Whether to add it to the global `.Rprofile` (`TRUE`, the default) or just to the `.Rprofile` file of your current project (`FALSE`).

**Value**

Invisibly returns `'NULL'`.

**Examples**

```
## Not run:
fcuk::add_fcuk_to_rprofile()

## End(Not run)
```

---

catch_error	<i>Capture and parse an error message</i>
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**Description**

Extract the object or function name from an error message.

**Usage**

```
catch_error(sentence = geterrmessage())
```

**Arguments**

sentence            An error message to parse. Defaults to the last error message.

**Value**

A character vector with extracted names, or 'character(0)' if no match is found.

**Examples**

```
catch_error()
catch_error("Error: object 'iri' not found\n")
catch_error("Error: object 'view' not found\n")
```

---

error_analysis	<i>Error Analysis</i>
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**Description**

Analyse the last error message and suggest corrections.

**Usage**

```
error_analysis(asked_objjet = catch_error(), n = 2)
```

**Arguments**

asked\_objjet        The name to analyse. Defaults to extracting from last error.  
n                    Number of names to suggest (default: 2).

**Value**

Invisibly returns a string with the suggestions, or 'NULL' if no error could be parsed.

**Examples**

```
fcuk::error_analysis() # last error is analysed
fcuk::error_analysis("view")
fcuk::error_analysis("iri")
```

---

error\_correction\_propostion  
*Find closest object names*

---

**Description**

Analyse a typo and suggests the closest names.

**Usage**

```
error_correction_propostion(asked_objet, method = "jaccard", n = 2)
```

**Arguments**

asked_objet	The R name producing an error.
method	Method for distance calculation. The default is "jaccard", see [stringdist::stringdist-metrics].
n	Number of corrections to suggest (default: 2).

**Value**

A character vector with the closest neighbors, or 'character(0)' if no valid input is provided.

**Examples**

```
error_correction_propostion("iri")
error_correction_propostion("view")
```

---

`get_all_objects_from_r`*Extract the name of all objects loaded in the R environments*

---

**Description**

Fetch the name of all objects loaded in the environments (functions, values, data...)

**Usage**

```
get_all_objects_from_r(use_cache = TRUE)
```

```
get_all_objets_from_r(use_cache = TRUE)
```

**Arguments**

`use_cache` Logical. Use cached results if available (default: TRUE). Cache is invalidated when environment changes.

**Value**

A character vector with the names of all objects contained in the environments

**Examples**

```
get_all_objects_from_r()
```

---

`get_last`*Return corrected instruction*

---

**Description**

Get the corrected command at position 'n'.

**Usage**

```
get_last(n = 1)
```

**Arguments**

`n` Position of the correction (default: 1).

**Value**

A character string with the corrected command, or 'NA' if unavailable.

**Examples**

```
get_last()
```

---

*init\_error\_tracker*      *Init error tracker*

---

**Description**

After launching this function, every error message will be analysed. This function is called when loading the package.

**Usage**

```
init_error_tracker()
```

**Value**

Invisibly returns 'NULL'.

**Examples**

```
getOption("error")  
fcuk::init_error_tracker()  
getOption("error")
```

---

*remove\_error\_tracker*      *Remove error tracker*

---

**Description**

After launching this function, the errors will no longer be analysed.

**Usage**

```
remove_error_tracker()
```

**Value**

Invisibly returns 'NULL'.

**Examples**

```
getOption("error")  
fcuk::remove_error_tracker()  
getOption("error")
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