Package 'scriptName'

July 23, 2025

Title Determine a Script's Filename from Within the Script Itself

Description A small set of functions wrapping up the call stack and command
line inspection needed to determine a running script's filename from
within the script itself.

Version 1.0.1

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URL https://github.com/MullinsLab/scriptName

BugReports https://github.com/MullinsLab/scriptName/issues

Imports rlang (>= 0.1.0), purrr (>= 0.2.3)

Suggests testthat, devtools

RoxygenNote 6.1.1

Encoding UTF-8

NeedsCompilation no

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Repository CRAN

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current_filename   *Determine a script's filename from within the script itself*

Description

A small set of functions wrapping up the call stack and command line inspection needed to determine a running script's filename from within the script itself.

Usage

```
current_filename()

current_source_filename()

current_cli_filename()
```

Details

current_filename() returns the result of current_source_filename() if not NULL, otherwise the result of current_cli_filename(), which might be NULL. You should use this wrapper function rather than the more-specific functions unless you have a very specific need.

current_source_filename() returns the filename from the most recent call to source in the current call stack. From within a sourced script, this is the filename of the script itself.

current_cli_filename() returns the filename found on the command line invocation of R or Rscript. This may or may not be the caller's file if there's been an intervening source.

Value

A character vector of length 1 if a script name can be found, otherwise NULL. No manipulation is done to the filename, so it may be relative or absolute.

Examples

```
# Put this in example.R and try running source("example.R")
# and `Rscript example.R`
filename <- current_filename()
print(filename)
```

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