Package ‘funr’

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Title Simple Utility Providing Terminal Access to all R Functions

Description A small utility which wraps Rscript and provides access to all R functions from the shell.

Version 0.3.2

License MIT + file LICENSE

LazyData true

Imports utils

URL https://github.com/sahilseth/funr

BugReports https://github.com/sahilseth/funr/issues

RoxygenNote 5.0.1

Suggests testthat

NeedsCompilation no

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funr: providing a simple command-line interface to R functions

Description

Wraps Rscript in an easy to use manner, exposing all R functions from the terminal. The github page provides more details with examples, highlights and caveats.

Usage

funr(args, help_text, script_name = "funr")

Arguments

args Should always be: commandArgs(trailingOnly = TRUE), when used inside a script. Example
help_text A simple text to be displayed describing options and usage of this interface. Supplying this, replaces the default text.
script_name Name of the script. This is used in the the help text. [funr]

Source

https://github.com/sahilseth/funr

Examples

## show funr help
## terminal version: funr -h
funr()

## show rnorm help
## terminal version: funr -h rnorm
render_funr(funr(args=c("-h", "rnorm")))

## Generate a few random numbers
## terminal version: funr rnorm n=10
render_funr(funr(args=c("rnorm", "n=10")))
get_script_path

Enables detection of the folder a script resides in with certain accuracy

Description

R does not have a default way to return and use, the location of a specific script.

Usage

get_script_path()

detect_home()

Source


render_funr

Render output of functions in a print friendly format

Description

If the function returns with invisible, output is suppressed

Usage

render_funr(x, max_rows = 100)

Arguments

x  a output from funr
max_rows  In case output of a function is a data.frame, the number of rows to display.
sys.script

setup

**Setup and initialize some scripts.**

**Description**

Setup and initialize some scripts.

**Usage**

```r
setup(bin = "~/bin")
```

**Arguments**

- `bin` path to bin folder

**Details**

Will add more to this to identify cluster and aid in other things

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sys.script

**Get path of current script**

**Description**

Get path of current script

**Usage**

```r
sys.script()
```

**Source**

http://stackoverflow.com/questions/1815606/rscript-determine-path-of-the-executing-script

**Examples**

```r
## Not run:
## cat foo.R
## library(funr);sys.script()

## source("foo.R")

## Rscript foo.R

## End(Not run)
```
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