

# 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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**Repository** CRAN

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funr

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

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## Description

Wraps Rscript in a 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: <code>commandArgs(trailingOnly = TRUE)</code> , when used inside a script. <a href="#">Example</a>
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")))
```

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get_script_path	<i>Enables detection of the folder a script resides in with certain accuracy</i>
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**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**

[https://github.com/molgenis/molgenis-pipelines/wiki/How-to-source-another\\_file.R-from-within-your-R-script](https://github.com/molgenis/molgenis-pipelines/wiki/How-to-source-another_file.R-from-within-your-R-script)

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render_funr	<i>Render output of functions in a print friendly format</i>
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**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.

setup                      *Setup and initialize some scripts.*

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**Description**

Setup and initialize some scripts.

**Usage**

```
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*

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**Description**

Get path of current script

**Usage**

```
sys.script()
```

**Source**

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

**Examples**

```
## Not run:  
## cat foo.R  
## library(funr);sys.script()  
  
## source("foo.R")  
  
## Rscript foo.R  
  
## End(Not run)
```

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