

Package ‘md.log’

April 26, 2017

Type Package

Title Produces Markdown Log File with a Built-in Function Call

Version 0.1.1

Author E. F. Haghish

Maintainer E. F. Haghish <e.f.haghish@uni-greifswald.de>

Description Produces clean and neat Markdown log file
and also provide an argument to include the function call inside the Markdown log.

License MIT + file LICENSE

URL <https://github.com/haghish/md.log>

BugReports <https://github.com/haghish/md.log/issues>

NeedsCompilation no

Encoding UTF-8

LazyData true

RoxygenNote 6.0.1

Imports futile.logger

Repository CRAN

Date/Publication 2017-04-26 17:27:01 UTC

R topics documented:

md.log	2
Index	4

md.log

*md.log***Description**

produces Markdown log files with an optional argument to include the function call inside the Markdown log file.

Usage

```
md.log(msg, file = "", append = FALSE, sys.info = TRUE,
section="monospace", level="", trace=TRUE, date=FALSE,
time=FALSE,datetime.fmt="%Y-%m-%d %H:%M:%S")
```

Arguments

msg	the text that is to be printed in the log file. By default msg is printed as monospace code inside the Markdown log, unless the section argument is used to change this behavior.
file	A connection, or a character string naming the file to print to. If "" (the default), the msg is printed to the standard output connection or the previously defined log file
append	logical. Only used if the argument file is the name of file (and not a connection). If TRUE, output will be appended to file; otherwise, it will overwrite the contents of file.
sys.info	logical. Only used if the argument file is the name of file (and not a connection). If TRUE, the system information, R version, and date and time will be printed at the outset of the log file.
section	styles the msg argument with Markdown syntax and it can be monospace, section, subsection, or paragraph. the default value is monospace.
level	is a marker that is printed at the beginning of each monospace message and cannot be more than seven characters long. this argument can be used to distinct messages with warnings or errors
trace	logical. If TRUE, the function call is included before each msg
date	logical. if TRUE, the current date is included before each msg
time	logical. if TRUE, the current time is included before each msg
datetime.fmt	specifies the format of date and time arguments and by default is "%Y-%m-%d %H:%M:%S". whitespace should only be used to separate the date and time formats

Author(s)

E. F. Haghish
 Institute for Community Medicine
 University of Greifswald, Germany

```
<haghish@uni-greifswald.de>
and
Institute for Medical Informatics (IMBI)
University of Freiburg, Germany
<haghish@imbi.uni-freiburg.de>
```

Examples

```
# -----
# Testing the md.log package
# =====

child = function() {
  md.log("current function", level="dope!")
}

parent = function(){
  md.log("step 2")
  child()
}

grandparent = function() {
  md.log("step 3")
  parent()
}

# The main test function that produces the log and calls the other functions
md.log.test = function() {
  require(md.log)
  md.log("Initiating a new Markdown log", file="markdown.log")

  # starting the logs
  md.log("a simple MONOSPACE log")
  md.log("Adding a level", level="notice")
  md.log("level makes you pay attention to a particular line")

  # add a subsection and a paragraph in the log
  md.log("This is a subsection", section="subsection")
  md.log("This is a text paragraph for detailed explanation...", section="paragraph")

  # testing the function call
  child()
  md.log("so far so good! now let's test a more complex nest")
  grandparent()
}

md.log.test()
```

Index

md.log, [2](#)