

Package ‘RcppSpdlog’

December 11, 2020

Type Package

Title 'spdlog' C++ Header Library for Logging

Version 0.0.4

Date 2020-12-11

Author Dirk Eddelbuettel

Maintainer Dirk Eddelbuettel <edd@debian.org>

Description The mature and widely-used C++ logging library 'spdlog' provides many desirable features. This package bundles these header files for easy use by R packages via a simple 'LinkingTo:' inclusion.

License GPL (>= 2)

LinkingTo Rcpp

Imports Rcpp

Suggests knitr, rmarkdown, minidown

VignetteBuilder knitr

RoxygenNote 6.0.1

NeedsCompilation yes

Repository CRAN

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R topics documented:

RcppSpdlog-package	2
exampleRsink	3
setLogLevel	3

Index	5
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RcppSpdlog-package *'spdlog' C++ Header Library for Logging*

Description

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Details

The DESCRIPTION file:

```
Package:      RcppSpdlog
Type:         Package
Title:        'spdlog' C++ Header Library for Logging
Version:      0.0.4
Date:         2020-12-11
Author:       Dirk Eddelbuettel
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Description:  The mature and widely-used C++ logging library 'spdlog' provides many desirable features. This package
License:      GPL (>= 2)
LinkingTo:    Rcpp
Imports:      Rcpp
Suggests:     knitr, rmarkdown, minidown
VignetteBuilder: knitr
RoxygenNote: 6.0.1
```

Index of help topics:

```
RcppSpdlog-package      'spdlog' C++ Header Library for Logging
exampleRsink            spdlog Example using a sink for R
setLogLevel             spdlog Logging Level Setter
```

This section should provide a more detailed overview of how to use the package, including the most important functions.

Author(s)

Dirk Eddelbuettel

Maintainer: Dirk Eddelbuettel <edd@debian.org>

References

This optional section can contain literature or other references for background information.

See Also

Optional links to other man pages

Examples

```
## Optional simple examples of the most important functions
## Use \dontrun{} around code to be shown but not executed
```

exampleRsink

spdlog Example using a sink for R

Description

A simple example invoking a derived R/Rcpp logger. Also demonstrates the stopwatch feature. For more features see the 'spdlog' documnetation.

Usage

```
exampleRsink()
```

Details

Note that this no longer triggers R warnings thanks to excellent help by Gabi Melman.

Value

None

Examples

```
exampleRsink()
```

setLogLevel

spdlog Logging Lever Setter

Description

A helper function to turn a logging level given as string into the current logging level

Usage

```
setLogLevel(name)
```

Arguments

name A string with the logging level. Value understood are, in decreasing verbosity 'trace', 'debug', 'info', 'warning', 'error', 'critical', and 'off'. Unrecognised names are equivalent to 'off'.

Value

Nothing is returned.

Index

* **package**

RcppSpdlog-package, [2](#)

exampleRsink, [3](#)

RcppSpdlog (RcppSpdlog-package), [2](#)

RcppSpdlog-package, [2](#)

setLogLevel, [3](#)