Package ‘RcppSpdlog’

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Type Package
Title 'spdlog' C++ Header Library for Logging
Version 0.0.8
Date 2022-04-04
License GPL (>= 2)
Author Dirk Eddelbuettel
Maintainer Dirk Eddelbuettel <edd@debian.org>
Description The mature and widely-used C++ logging library 'spdlog' by Gabi Melman provides many desirable features. This package bundles these header files for easy use by R packages via a simple 'LinkingTo:' inclusion.
URL https://github.com/eddelbuettel/rcppspdlog,
   https://dirk.eddelbuettel.com/code/rcpp.spdlog.html
BugReports https://github.com/eddelbuettel/rcppspdlog/issues
LinkingTo Rcpp
Imports Rcpp
Suggests simplermarkdown
VignetteBuilder simplermarkdown
RoxygenNote 6.0.1
NeedsCompilation yes
Repository CRAN
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R topics documented:

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RcppSpdlog-package  'spdlog' C++ Header Library for Logging

Description

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Details

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LinkingTo:  Rcpp
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Index of help topics:

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

dontrun{
  exampleRsink
}

---

**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' documentation.

Usage

```r
exampleRsink()
```

Details

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

Value

None

Examples

```r
exampleRsink()
```

---

**setLogLevel**

*spdlog Logging Lever Setter*

Description

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

Usage

```r
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.
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