Package ‘RcppSpdlog’

December 5, 2021

Type Package
Title 'spdlog' C++ Header Library for Logging
Version 0.0.7
Date 2021-12-05
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.


BugReports https://github.com/eddelbuettel/rcppspdlog/issues

LinkingTo Rcpp
Imports Rcpp
Suggests simplermarkdown
VignetteBuilder simplermarkdown
RoxygenNote 6.0.1

Date/Publication 2021-12-05 15:40:02 UTC

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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.

Details

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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 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' documentation.

Usage

`exampleRsink()`

Details

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

Value

None

Examples

`exampleRsink()`

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**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.
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