

# Package ‘RcppSpdlog’

September 20, 2020

**Type** Package

**Title** 'spdlog' C++ Header Library for Logging

**Version** 0.0.2

**Date** 2020-09-17

**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

**RoxygenNote** 6.0.1

**NeedsCompilation** yes

**Author** Dirk Eddelbuettel [aut, cre, cph],  
Gabi Melman [aut, cph] (Author of included 'spdlog'),  
Victor Zverovic [ctb, cph] (Author of included 'fmt' library)

**Maintainer** Dirk Eddelbuettel <edd@debian.org>

**Repository** CRAN

**Date/Publication** 2020-09-20 16:50:03 UTC

## R topics documented:

RcppSpdlog-package . . . . .	<a href="#">2</a>
exampleRsink . . . . .	<a href="#">3</a>
<b>Index</b>	<a href="#">4</a>

---

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


---

## 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.

## Details

The DESCRIPTION file:

```
Package:      RcppSpdlog
Type:         Package
Title:        'spdlog' C++ Header Library for Logging
Version:      0.0.2
Date:         2020-09-17
Authors@R:    c( person("Dirk", "Eddelbuettel", role = c("aut", "cre", "cph"), email = "edd@debian.org"), person("Gabi", "Melman", role = c("aut", "cph"), email = "gabi.melman@gmail.com") )
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
RoxxygenNote: 6.0.1
Author:       Dirk Eddelbuettel [aut, cre, cph], Gabi Melman [aut, cph] (Author of included 'spdlog'), Victor Zverovic [ctb]
Maintainer:   Dirk Eddelbuettel <edd@debian.org>
```

Index of help topics:

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

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

## Author(s)

NA

Maintainer: NA

## 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()
```

# Index

## \* **package**

RcppSpdlog-package, [2](#)

exampleRsink, [3](#)

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

RcppSpdlog-package, [2](#)