

Package ‘tidyCpp’

December 6, 2021

Type Package

Title Tidy C++ Header-Only Definitions for Parts of the C API of R

Version 0.0.6

Date 2021-12-06

Author Dirk Eddelbuettel

Maintainer Dirk Eddelbuettel <edd@debian.org>

Description Core parts of the C API of R are wrapped in a C++ namespace via a set of inline functions giving a tidier representation of the underlying data structures and functionality using a header-only implementation without additional dependencies.

Suggests Rcpp, RcppSpdlog, simplermarkdown

VignetteBuilder simplermarkdown

License GPL (>= 2)

URL <https://github.com/eddelbuettel/tidycpp>,
<https://dirk.eddelbuettel.com/code/tidycpp.html>

BugReports <https://github.com/eddelbuettel/tidycpp/issues>

NeedsCompilation no

Repository CRAN

Date/Publication 2021-12-06 14:10:02 UTC

R topics documented:

tidyCpp-package	2
Index	3

tidyCpp-package

Tidy C++ Header-Only Definitions for Parts of the C API of R

Description

Core parts of the C API of R are wrapped in a C++ namespace via a set of inline functions giving a tidier representation of the underlying data structures and functionality using a header-only implementation without additional dependencies.

Package Content

Index of help topics:

tidyCpp-package	Tidy C++ Header-Only Definitions for Parts of the C API of R
-----------------	--

Maintainer

Dirk Eddelbuettel <edd@debian.org>

Author(s)

Dirk Eddelbuettel

Examples

```
## Not run:
## see the source files in the snippets/ directory of the package
## check for (optional, only in Suggests:) Rcpp, and also wrapped in a
## dontrun as it takes 10s at CRAN (yet only 3.5 here) yielding a NOTE
if (requireNamespace("Rcpp", quietly=TRUE)) {
  Rcpp::sourceCpp(system.file("snippets", "convolveExample.cpp", package="tidyCpp"))
}

## End(Not run)
```

Index

* **package**

tidyCpp-package, [2](#)

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

tidyCpp-package, [2](#)