

Package ‘tidyCpp’

November 26, 2025

Type Package

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

Version 0.0.8

Date 2025-11-25

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, simplermardown

VignetteBuilder simplermardown

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

Author Dirk Eddelbuettel [aut, cre] (ORCID:
<<https://orcid.org/0000-0001-6419-907X>>)

Maintainer Dirk Eddelbuettel <edd@debian.org>

Repository CRAN

Date/Publication 2025-11-26 06:20:02 UTC

Contents

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 [aut, cre] (ORCID: <<https://orcid.org/0000-0001-6419-907X>>)

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](#)