

# Package: tidyCpp (via r-universe)

July 13, 2024

**Type** Package

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

**Version** 0.0.7

**Date** 2023-11-30

**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, 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>

**Repository** <https://fastverse.r-universe.dev>

**RemoteUrl** <https://github.com/eddelbuettel/tidycpp>

**RemoteRef** HEAD

**RemoteSha** 3d96f970baab0fb33d9728233fc7928260ede27b

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tidyCpp-package

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

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## 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: This package was not yet installed at build time.

## 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)
```

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