

# Package ‘tidyCpp’

March 18, 2026

**Type** Package

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

**Version** 0.0.11

**Date** 2026-03-17

**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

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**Repository** CRAN

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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**

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

**Maintainer**

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**Author(s)**

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**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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