

# Package ‘tidyCpp’

October 10, 2020

**Type** Package

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

**Version** 0.0.1

**Date** 2020-10-04

**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, knitr, rmarkdown, minidown

**VignetteBuilder** knitr

**License** GPL (>= 2)

**NeedsCompilation** no

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**Repository** CRAN

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## R topics documented:

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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.

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**Maintainer**

NA

**Author(s)**

NA

**Examples**

```
## see the source files in the snippets/ directory of the package
## check for (optional, only in Suggests:) Rcpp, and ensure we are
## but not on Windows as this runs up to the ten second time limit
if (requireNamespace("Rcpp", quietly=TRUE) && (.Platform$OS.type != "windows")) {
  Rcpp::sourceCpp(system.file("snippets", "dimnamesExample.cpp", package="tidyCpp"))
}
```

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