

# Package ‘RInside’

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**Title** C++ classes to embed R in C++ applications

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**Description** C++ classes to embed R in C++ applications The RInside packages makes it easier to have ‘R inside’ your C++ application by providing a few wrapper classes.

As R itself is embedded into your application, a shared library build of R is required. This works on Linux, OS X and even on Windows provided you use the same tools used to build R itself.

Numerous examples are provided in the three subdirectories the examples/ directory of the installed package: standard, mpi (for parallel computing) qt (showing how to embed RInside inside a Qt application), and wt (showing how to build a ‘web-application’ using the Wt toolkit).

Doxygen-generated documentation of the C++ classes is available at the RInside website as well.

**Depends** R (>= 2.10.0), Rcpp (>= 0.8.5)

**LinkingTo** Rcpp

**URL** <http://dirk.eddelbuettel.com/code/rinside.html>

**License** GPL (>= 2)

**Repository** CRAN

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## R topics documented:

RInside-package . . . . .	2
<b>Index</b>	<b>3</b>

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*RInside-package**Embedding R in C++ applications*

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**Description**

The **RInside** package makes it easier to embed R in your C++ applications. There is no code you would execute directly from the R environment. Rather, you write C++ programs that embed R which is illustrated by some the included examples.

**Author(s)**

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# Index

\*Topic **interface**

RInside-package, [2](#)

\*Topic **programming**

RInside-package, [2](#)

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

RInside-package, [2](#)