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 C++ wrapper class providing the R interpreter.
   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 eight subdirectories of the examples/
   directory of the installed package: standard, mpi (for parallel computing)
   qt (showing how to embed 'RInside' inside a Qt GUI application), wt (showing
   how to build a ”web-application” using the Wt toolkit), armadillo (for
   'RInside' use with 'RcppArmadillo') and eigen (for 'RInside' use with 'RcppEigen').
   The example use GNUmakefile(s) with GNU extensions, so a GNU make is required
   (and will use the GNUmakefile automatically).
   Doxygen-generated documentation of the C++ classes is available at the
   'RInside' website as well.
Depends  R (>= 2.10.0)
Imports  Rcpp (>= 0.11.0)
LinkingTo  Rcpp
URL  http://dirk.eddelbuettel.com/code/rinside.html
License  GPL (>= 2)
BugReports  https://github.com/eddelbuettel/rinside/issues
MailingList  Please send questions and comments regarding RInside to
             rcpp-devel@lists.r-forge.r-project.org
NeedsCompilation  yes
Repository  CRAN
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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