Package: RInside (via r-universe)

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Title C++ Classes to Embed R in C++ (and C) Applications

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Description C++ classes to embed R in C++ (and C) applications A C++ class providing the R interpreter is offered by this package making it easier to have ``R inside'' your C++ application. 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 nine 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'), 'eigen' (for 'RInside' use with 'RcppEigen'), and 'c_interface' for a basic C interface and 'Ruby' illustration. The examples 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.

Imports Rcpp

LinkingTo Rcpp

URL https://github.com/eddelbuettel/rinside/, https://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

Repository https://eddelbuettel.r-universe.dev

RemoteUrl https://github.com/eddelbuettel/rinside

RemoteRef HEAD

RemoteSha 89c5b4a677e04e6317398687dabc03746015f28b

Contents

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

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.

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