Package 'cblasr'

June 12, 2019

Type Package

Title The C Interface to 'BLAS' Routines

Version 1.0.0

Maintainer Yi Pan <ypan1988@gmail.com>

Description Provides the 'cblas.h' header file as C interface to the underlying internal 'BLAS' library in R. 'CBLAS' <https://www.netlib.org/blas/cblas.h> is a collection of wrappers originally written by Keita Teranishi and provides a C interface to the FORTRAN 'BLAS' library <https://www.netlib.org/blas/>. Note that as internal 'BLAS' library provided by R <https://svn.r-project.org/R/trunk/src/include/R_ext/BLAS.h> is used and only the double precision / double complex 'BLAS' routines are supported.

License GPL (>= 2)

Encoding UTF-8

LazyData true

Imports Rcpp (>= 1.0.0)

LinkingTo Rcpp

RoxygenNote 6.1.1

NeedsCompilation yes

Author Yi Pan [aut, cre],
Keita Teranishi [aut]

Repository CRAN

Date/Publication 2019-06-12 13:10:02 UTC

R topics documented:

cblasr *cblasr*

Description

Provide the 'cblas.h' header file for R. 'CBLAS' is a collection of wrappers that provide a C interface to the FORTRAN 'BLAS' library. Currently only the double precision / double complex 'BLAS' routines are supported.

Author(s)

Yi Pan

example_cblas_dgemm *Example: Matrix multiplication using cblas_dgemm*

Description

Matrix multiplication using cblas_dgemm

Usage

```
example_cblas_dgemm()
```

Examples

```
## Expected output:
## [ 367.76, 368.12
##   674.06, 674.72 ]
example_cblas_dgemm()
```

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