Package: OpenMPController (via r-universe)

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Title Control Number of OpenMP Threads Dynamically

Description The OpenMPController package provides a function omp_set_num_threads() to set the number of OpenMP threads to be used. This may be useful, for example, when linking against a vendor optimised BLAS/LAPACK library (e.g. the AMD Core Math Library), since the defaults used by those libraries may not be highly performant. Compatibility updates by Renova.

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NeedsCompilation yes

Depends R (>= 3.4.1)

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

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`omp_set_num_threads` *Set number of OpenMP threads*

Description

Sets the number of OpenMP threads to be used. This may be useful, for example, when linking against a vendor optimised BLAS/LAPACK library (e.g. the AMD Core Math Library), since the defaults used by those libraries may not be highly performant.

Usage

```
omp_set_num_threads(n)
```

Arguments

`n`	Integer, number of threads

Author(s)

The R interface was written by Simon Guest.

Examples

```
omp_set_num_threads(2)

# do something requiring 2 OMP threads

omp_set_num_threads(4)

# do something else requiring 4 OMP threads
```

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