

Package ‘doSNOW’

July 28, 2019

Type Package

Title Foreach Parallel Adaptor for the 'snow' Package

Version 1.0.18

Description Provides a parallel backend for the `%dopar%` function using the snow package of Tierney, Rossini, Li, and Sevcikova.

Depends R (>= 2.5.0), foreach(>= 1.2.0), iterators(>= 1.0.0), snow(>= 0.3.0), utils

Suggests compiler, RUnit, caret, mlbench, rpart, parallel

License GPL-2

NeedsCompilation no

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registerDoSNOW *registerDoSNOW*

Description

The `registerDoSNOW` function is used to register the SNOW parallel backend with the foreach package.

Usage

```
registerDoSNOW(cl)
```

Arguments

`cl` The cluster object to use for parallel execution.

See Also

`makeCluster`

Examples

```
cl <- makeCluster(2, type="SOCK")
registerDoSNOW(cl)
m <- matrix(rnorm(9), 3, 3)
foreach(i=1:nrow(m), .combine=rbind) %dopar% (m[i,] / mean(m[i,]))
stopCluster(cl)
```