

# Package ‘doSNOW’

October 16, 2020

**Type** Package

**Title** Foreach Parallel Adaptor for the 'snow' Package

**Version** 1.0.19

**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

**Author** Michelle Wallig [cre],  
Microsoft Corporation [aut, cph],  
Stephen Weston [aut]

**Maintainer** Michelle Wallig <Michelle.Wallig@microsoft.com>

**Repository** CRAN

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### 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)
```

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