

# Package ‘Snowball’

August 31, 2009

**Version** 0.0-7

**Date** 2009-08-30

**Title** Snowball Stemmers

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**Description** Snowball stemmers.

**Imports** RWeka (>= 0.3-19), rJava (>= 0.6-3)

**License** BSD

**Repository** CRAN

**Date/Publication** 2009-08-31 08:47:38

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SnowballStemmer      *R/Weka Snowball Stemmer*

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### Description

R interface to Weka’s Snowball stemmers.

### Usage

```
SnowballStemmer(x, control = NULL)
```

## Arguments

<code>x</code>	a character vector with words to be stemmed.
<code>control</code>	an object of class <code>Weka_control</code> , or a character vector of control options, or <code>NULL</code> (default). Available options can be obtained on-line using the Weka Option Wizard <a href="#">WOW</a> , or the Weka documentation.

## Details

The Snowball stemmers contain the Porter stemmer and several other stemmers for different languages. See <http://snowball.tartarus.org/> for more information.

`SnowballStemmer` is an interface to Weka's wrapper classes for the Java version of the Snowball stemmers. The corresponding jar cannot be included in package **RWeka** due to license restrictions, and hence is made available via the separate package **Snowball**.

The Omegahat package **Rstem** provides an R interface to a C version of Porter's word stemming algorithm.

## Value

A character vector with the stemmed words.

## See Also

Other R interfaces to Weka stemmers ([RWeka\\_stemmers](#))

## Examples

```
## Test the supplied vocabulary for the default stemmer ('porter'):
source <- readLines(system.file("words", "porter", "voc.txt",
                               package = "Snowball"))

result <- SnowballStemmer(source)
target <- readLines(system.file("words", "porter", "output.txt",
                               package = "Snowball"))

## Any differences?
any(result != target)
```

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## \*Topic **character**

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