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mtPackage

# Class EnglishWord

java.lang.Object

└─mtPackage.EnglishWord

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```
public class EnglishWord
extends java.lang.Object
```

This class encapsulates a English word, which is understood here to be a string that doesn't have any spaces and that corresponds to word in the English language. (Linguistically, this is a gross oversimplification but it will suffice for the purposes of this class definition.)

### Author:

mb

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## Constructor Summary

<a href="#">EnglishWord</a> (java.lang.String str) Constructs an English word from the passed string.
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## Method Summary

static java.lang.String	<a href="#">removeConsonants</a> (java.lang.String inputString) This method creates and returns a version of the passed string that has been modified such that all of the consonants in the passed string have been removed.
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## Methods inherited from class java.lang.Object

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

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## Constructor Detail

### EnglishWord

```
public EnglishWord(java.lang.String str)
```

Constructs an English word from the passed string.

**Parameters:**

`str` - the string from which this word should be constructed

## Method Detail

### **removeConsonants**

```
public static java.lang.String removeConsonants(java.lang.String inputString)  
    throws java.lang.RuntimeException
```

This method creates and returns a version of the passed string that has been modified such that all of the consonants in the passed string have been removed. For instance, when given the string "hello", this method will return "eo". For the purposes of this method, a consonant is considered any character that is not a vowel ("aeiouy").

**Parameters:**

`inputString` - any string

**Returns:**

as stated above

**Throws:**

`java.lang.RuntimeException` - if the passed string contains any non-word characters, such as digits or punctuation symbols.

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