JavaScript is disabled on your browser.

* [Overview](http://docs.google.com/overview-summary.html)
* [Package](http://docs.google.com/package-summary.html)
* [Class](http://docs.google.com/simplenlg/framework/WordElement.html)
* Use
* [Tree](http://docs.google.com/package-tree.html)
* [Deprecated](http://docs.google.com/deprecated-list.html)
* [Index](http://docs.google.com/index-files/index-1.html)
* [Help](http://docs.google.com/help-doc.html)
* Prev
* Next
* [Frames](http://docs.google.com/index.html?simplenlg/framework/class-use/WordElement.html)
* [No Frames](http://docs.google.com/WordElement.html)
* [All Classes](http://docs.google.com/allclasses-noframe.html)

## 

Uses of Class

simplenlg.framework.WordElement

* Packages that use [WordElement](http://docs.google.com/simplenlg/framework/WordElement.html)

|  |  |
| --- | --- |
| * Package | * Description |
| * [simplenlg.framework](#id.3znysh7) | * The framework package contains the base components required for running the SimpleNLG package. |
| * [simplenlg.lexicon](#id.2et92p0) |  |
| * [simplenlg.morphology.english](#id.tyjcwt) | * This package contains the necessary classes for running the morphology processor for the English language. |

### Uses of [**WordElement**](http://docs.google.com/simplenlg/framework/WordElement.html) in [**simplenlg.framework**](http://docs.google.com/simplenlg/framework/package-summary.html)Methods in [simplenlg.framework](http://docs.google.com/simplenlg/framework/package-summary.html) that return [WordElement](http://docs.google.com/simplenlg/framework/WordElement.html)

|  |  |
| --- | --- |
| * + Modifier and Type | * + Method and Description |
| * + [WordElement](http://docs.google.com/simplenlg/framework/WordElement.html) | * + InflectedWordElement.[**getBaseWord**](http://docs.google.com/simplenlg/framework/InflectedWordElement.html#getBaseWord())() Retrieves the base word for this element. |

* + Methods in [simplenlg.framework](http://docs.google.com/simplenlg/framework/package-summary.html) with parameters of type [WordElement](http://docs.google.com/simplenlg/framework/WordElement.html)

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| --- | --- |
| * + Modifier and Type | * + Method and Description |
| * + void | * + InflectedWordElement.[**setBaseWord**](http://docs.google.com/simplenlg/framework/InflectedWordElement.html#setBaseWord(simplenlg.framework.WordElement))([WordElement](http://docs.google.com/simplenlg/framework/WordElement.html) word) Sets the base word for this element. |

* + Constructors in [simplenlg.framework](http://docs.google.com/simplenlg/framework/package-summary.html) with parameters of type [WordElement](http://docs.google.com/simplenlg/framework/WordElement.html)

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| --- |
| * + Constructor and Description |
| * + [**InflectedWordElement**](http://docs.google.com/simplenlg/framework/InflectedWordElement.html#InflectedWordElement(simplenlg.framework.WordElement))([WordElement](http://docs.google.com/simplenlg/framework/WordElement.html) word) Constructs a new inflected word from a WordElement |

### Uses of [**WordElement**](http://docs.google.com/simplenlg/framework/WordElement.html) in [**simplenlg.lexicon**](http://docs.google.com/simplenlg/lexicon/package-summary.html)Methods in [simplenlg.lexicon](http://docs.google.com/simplenlg/lexicon/package-summary.html) that return [WordElement](http://docs.google.com/simplenlg/framework/WordElement.html)

|  |  |
| --- | --- |
| * + Modifier and Type | * + Method and Description |
| * + [WordElement](http://docs.google.com/simplenlg/framework/WordElement.html) | * + Lexicon.[**getWord**](http://docs.google.com/simplenlg/lexicon/Lexicon.html#getWord(java.lang.String))(java.lang.String baseForm) get a WordElement which has the specified base form (of any category) |
| * + [WordElement](http://docs.google.com/simplenlg/framework/WordElement.html) | * + Lexicon.[**getWord**](http://docs.google.com/simplenlg/lexicon/Lexicon.html#getWord(java.lang.String,%20simplenlg.framework.LexicalCategory))(java.lang.String baseForm, [LexicalCategory](http://docs.google.com/simplenlg/framework/LexicalCategory.html) category) get a WordElement which has the specified base form and category |
| * + [WordElement](http://docs.google.com/simplenlg/framework/WordElement.html) | * + Lexicon.[**getWordByID**](http://docs.google.com/simplenlg/lexicon/Lexicon.html#getWordByID(java.lang.String))(java.lang.String id) get a WordElement with the specified ID |
| * + [WordElement](http://docs.google.com/simplenlg/framework/WordElement.html) | * + Lexicon.[**getWordFromVariant**](http://docs.google.com/simplenlg/lexicon/Lexicon.html#getWordFromVariant(java.lang.String))(java.lang.String variant) returns a WordElement which has the specified inflected form and/or spelling variant that matches the specified variant, of any category. |
| * + [WordElement](http://docs.google.com/simplenlg/framework/WordElement.html) | * + Lexicon.[**getWordFromVariant**](http://docs.google.com/simplenlg/lexicon/Lexicon.html#getWordFromVariant(java.lang.String,%20simplenlg.framework.LexicalCategory))(java.lang.String variant, [LexicalCategory](http://docs.google.com/simplenlg/framework/LexicalCategory.html) category) returns a WordElement which has the specified inflected form and/or spelling variant that matches the specified variant, of the specified category |
| * + [WordElement](http://docs.google.com/simplenlg/framework/WordElement.html) | * + Lexicon.[**lookupWord**](http://docs.google.com/simplenlg/lexicon/Lexicon.html#lookupWord(java.lang.String))(java.lang.String baseForm) General word lookup method, tries base form, variant, ID (in this order) Creates new word if can't find existing word |
| * + [WordElement](http://docs.google.com/simplenlg/framework/WordElement.html) | * + Lexicon.[**lookupWord**](http://docs.google.com/simplenlg/lexicon/Lexicon.html#lookupWord(java.lang.String,%20simplenlg.framework.LexicalCategory))(java.lang.String baseForm, [LexicalCategory](http://docs.google.com/simplenlg/framework/LexicalCategory.html) category) General word lookup method, tries base form, variant, ID (in this order) Creates new word if can't find existing word |

* + Methods in [simplenlg.lexicon](http://docs.google.com/simplenlg/lexicon/package-summary.html) that return types with arguments of type [WordElement](http://docs.google.com/simplenlg/framework/WordElement.html)

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| --- | --- |
| * + Modifier and Type | * + Method and Description |
| * + java.util.List<[WordElement](http://docs.google.com/simplenlg/framework/WordElement.html)> | * + Lexicon.[**getWords**](http://docs.google.com/simplenlg/lexicon/Lexicon.html#getWords(java.lang.String))(java.lang.String baseForm) returns all Words which have the specified base form |
| * + java.util.List<[WordElement](http://docs.google.com/simplenlg/framework/WordElement.html)> | * + XMLLexicon.[**getWords**](http://docs.google.com/simplenlg/lexicon/XMLLexicon.html#getWords(java.lang.String,%20simplenlg.framework.LexicalCategory))(java.lang.String baseForm, [LexicalCategory](http://docs.google.com/simplenlg/framework/LexicalCategory.html) category) |
| * + java.util.List<[WordElement](http://docs.google.com/simplenlg/framework/WordElement.html)> | * + NIHDBLexicon.[**getWords**](http://docs.google.com/simplenlg/lexicon/NIHDBLexicon.html#getWords(java.lang.String,%20simplenlg.framework.LexicalCategory))(java.lang.String baseForm, [LexicalCategory](http://docs.google.com/simplenlg/framework/LexicalCategory.html) category) |
| * + java.util.List<[WordElement](http://docs.google.com/simplenlg/framework/WordElement.html)> | * + MultipleLexicon.[**getWords**](http://docs.google.com/simplenlg/lexicon/MultipleLexicon.html#getWords(java.lang.String,%20simplenlg.framework.LexicalCategory))(java.lang.String baseForm, [LexicalCategory](http://docs.google.com/simplenlg/framework/LexicalCategory.html) category) |
| * + abstract java.util.List<[WordElement](http://docs.google.com/simplenlg/framework/WordElement.html)> | * + Lexicon.[**getWords**](http://docs.google.com/simplenlg/lexicon/Lexicon.html#getWords(java.lang.String,%20simplenlg.framework.LexicalCategory))(java.lang.String baseForm, [LexicalCategory](http://docs.google.com/simplenlg/framework/LexicalCategory.html) category) returns all Words which have the specified base form and category |
| * + java.util.List<[WordElement](http://docs.google.com/simplenlg/framework/WordElement.html)> | * + XMLLexicon.[**getWordsByID**](http://docs.google.com/simplenlg/lexicon/XMLLexicon.html#getWordsByID(java.lang.String))(java.lang.String id) |
| * + java.util.List<[WordElement](http://docs.google.com/simplenlg/framework/WordElement.html)> | * + NIHDBLexicon.[**getWordsByID**](http://docs.google.com/simplenlg/lexicon/NIHDBLexicon.html#getWordsByID(java.lang.String))(java.lang.String id) |
| * + java.util.List<[WordElement](http://docs.google.com/simplenlg/framework/WordElement.html)> | * + MultipleLexicon.[**getWordsByID**](http://docs.google.com/simplenlg/lexicon/MultipleLexicon.html#getWordsByID(java.lang.String))(java.lang.String id) |
| * + abstract java.util.List<[WordElement](http://docs.google.com/simplenlg/framework/WordElement.html)> | * + Lexicon.[**getWordsByID**](http://docs.google.com/simplenlg/lexicon/Lexicon.html#getWordsByID(java.lang.String))(java.lang.String id) returns a List of WordElement which have this ID. |
| * + java.util.List<[WordElement](http://docs.google.com/simplenlg/framework/WordElement.html)> | * + Lexicon.[**getWordsFromVariant**](http://docs.google.com/simplenlg/lexicon/Lexicon.html#getWordsFromVariant(java.lang.String))(java.lang.String variant) returns Words which have an inflected form and/or spelling variant that matches the specified variant, of any category. |
| * + java.util.List<[WordElement](http://docs.google.com/simplenlg/framework/WordElement.html)> | * + XMLLexicon.[**getWordsFromVariant**](http://docs.google.com/simplenlg/lexicon/XMLLexicon.html#getWordsFromVariant(java.lang.String,%20simplenlg.framework.LexicalCategory))(java.lang.String variant, [LexicalCategory](http://docs.google.com/simplenlg/framework/LexicalCategory.html) category) |
| * + java.util.List<[WordElement](http://docs.google.com/simplenlg/framework/WordElement.html)> | * + NIHDBLexicon.[**getWordsFromVariant**](http://docs.google.com/simplenlg/lexicon/NIHDBLexicon.html#getWordsFromVariant(java.lang.String,%20simplenlg.framework.LexicalCategory))(java.lang.String variant, [LexicalCategory](http://docs.google.com/simplenlg/framework/LexicalCategory.html) category) |
| * + java.util.List<[WordElement](http://docs.google.com/simplenlg/framework/WordElement.html)> | * + MultipleLexicon.[**getWordsFromVariant**](http://docs.google.com/simplenlg/lexicon/MultipleLexicon.html#getWordsFromVariant(java.lang.String,%20simplenlg.framework.LexicalCategory))(java.lang.String variant, [LexicalCategory](http://docs.google.com/simplenlg/framework/LexicalCategory.html) category) |
| * + abstract java.util.List<[WordElement](http://docs.google.com/simplenlg/framework/WordElement.html)> | * + Lexicon.[**getWordsFromVariant**](http://docs.google.com/simplenlg/lexicon/Lexicon.html#getWordsFromVariant(java.lang.String,%20simplenlg.framework.LexicalCategory))(java.lang.String variant, [LexicalCategory](http://docs.google.com/simplenlg/framework/LexicalCategory.html) category) returns Words which have an inflected form and/or spelling variant that matches the specified variant, and are in the specified category. |

### Uses of [**WordElement**](http://docs.google.com/simplenlg/framework/WordElement.html) in [**simplenlg.morphology.english**](http://docs.google.com/simplenlg/morphology/english/package-summary.html)Methods in [simplenlg.morphology.english](http://docs.google.com/simplenlg/morphology/english/package-summary.html) with parameters of type [WordElement](http://docs.google.com/simplenlg/framework/WordElement.html)

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| --- | --- |
| * + Modifier and Type | * + Method and Description |
| * + static [NLGElement](http://docs.google.com/simplenlg/framework/NLGElement.html) | * + MorphologyRules.[**doAdjectiveMorphology**](http://docs.google.com/simplenlg/morphology/english/MorphologyRules.html#doAdjectiveMorphology(simplenlg.framework.InflectedWordElement,%20simplenlg.framework.WordElement))([InflectedWordElement](http://docs.google.com/simplenlg/framework/InflectedWordElement.html) element, [WordElement](http://docs.google.com/simplenlg/framework/WordElement.html) baseWord) This method performs the morphology for adjectives. |
| * + static [NLGElement](http://docs.google.com/simplenlg/framework/NLGElement.html) | * + MorphologyRules.[**doAdverbMorphology**](http://docs.google.com/simplenlg/morphology/english/MorphologyRules.html#doAdverbMorphology(simplenlg.framework.InflectedWordElement,%20simplenlg.framework.WordElement))([InflectedWordElement](http://docs.google.com/simplenlg/framework/InflectedWordElement.html) element, [WordElement](http://docs.google.com/simplenlg/framework/WordElement.html) baseWord) This method performs the morphology for adverbs. |

* [Overview](http://docs.google.com/overview-summary.html)
* [Package](http://docs.google.com/package-summary.html)
* [Class](http://docs.google.com/simplenlg/framework/WordElement.html)
* Use
* [Tree](http://docs.google.com/package-tree.html)
* [Deprecated](http://docs.google.com/deprecated-list.html)
* [Index](http://docs.google.com/index-files/index-1.html)
* [Help](http://docs.google.com/help-doc.html)
* Prev
* Next
* [Frames](http://docs.google.com/index.html?simplenlg/framework/class-use/WordElement.html)
* [No Frames](http://docs.google.com/WordElement.html)
* [All Classes](http://docs.google.com/allclasses-noframe.html)