JavaScript is disabled on your browser.

* [Overview](http://docs.google.com/overview-summary.html)
* [Package](http://docs.google.com/package-summary.html)
* Class
* [Use](http://docs.google.com/class-use/PhraseSet.html)
* [Tree](http://docs.google.com/package-tree.html)
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* [Index](http://docs.google.com/index-files/index-1.html)
* [Help](http://docs.google.com/help-doc.html)
* [Prev Class](http://docs.google.com/simplenlg/aggregation/PhraseChecker.html)
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simplenlg.aggregation

## Class PhraseSet

* java.lang.Object
  + simplenlg.aggregation.PhraseSet
* public class PhraseSet  
  extends java.lang.Object  
  This class wraps an ordered list of phrases which are constituents of two or more (different) clauses and have the same discourse function in their parent clause. FunctionPairs are used by [AggregationRule](http://docs.google.com/simplenlg/aggregation/AggregationRule.html)s to collect candidate phrase for elision.Author: agatt

### Constructor SummaryConstructors

|  |
| --- |
| * + Constructor and Description |
| * + [**PhraseSet**](http://docs.google.com/simplenlg/aggregation/PhraseSet.html#PhraseSet(simplenlg.features.DiscourseFunction,%20simplenlg.framework.NLGElement...))([DiscourseFunction](http://docs.google.com/simplenlg/features/DiscourseFunction.html) function, [NLGElement](http://docs.google.com/simplenlg/framework/NLGElement.html)... phrases) Construct a set of compatible phrases and their function |

### Method SummaryMethods

|  |  |
| --- | --- |
| * + Modifier and Type | * + Method and Description |
| * + void | * + [**addPhrase**](http://docs.google.com/simplenlg/aggregation/PhraseSet.html#addPhrase(simplenlg.framework.NLGElement))([NLGElement](http://docs.google.com/simplenlg/framework/NLGElement.html) phrase) Add a phrase |
| * + void | * + [**addPhrases**](http://docs.google.com/simplenlg/aggregation/PhraseSet.html#addPhrases(java.util.Collection))(java.util.Collection<[NLGElement](http://docs.google.com/simplenlg/framework/NLGElement.html)> phrases) Add a collection of phrases. |
| * + void | * + [**elideLeftmost**](http://docs.google.com/simplenlg/aggregation/PhraseSet.html#elideLeftmost())() Elide the leftmost consitutents in the phrase list, that is, all phrases except the rightmost. |
| * + void | * + [**elideRightmost**](http://docs.google.com/simplenlg/aggregation/PhraseSet.html#elideRightmost())() Elide the rightmost constituents in the phrase list, that is, all phrases except the first. |
| * + boolean | * + [**formIdentical**](http://docs.google.com/simplenlg/aggregation/PhraseSet.html#formIdentical())() Check whether the phrases in this set are identical in form. |
| * + [DiscourseFunction](http://docs.google.com/simplenlg/features/DiscourseFunction.html) | * + [**getFunction**](http://docs.google.com/simplenlg/aggregation/PhraseSet.html#getFunction())() |
| * + boolean | * + [**lemmaIdentical**](http://docs.google.com/simplenlg/aggregation/PhraseSet.html#lemmaIdentical())() Check whether the phrases are lemma identical. |

### Methods inherited from class java.lang.Objectequals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

### Constructor Detail

#### PhraseSet public PhraseSet([DiscourseFunction](http://docs.google.com/simplenlg/features/DiscourseFunction.html) function, [NLGElement](http://docs.google.com/simplenlg/framework/NLGElement.html)... phrases) Construct a set of compatible phrases and their functionParameters:function - their functionphrases - the list of constituent phrases for the function.

### Method Detail

#### addPhrase public void addPhrase([NLGElement](http://docs.google.com/simplenlg/framework/NLGElement.html) phrase) Add a phraseParameters:phrase - the phrase to add

#### addPhrases public void addPhrases(java.util.Collection<[NLGElement](http://docs.google.com/simplenlg/framework/NLGElement.html)> phrases) Add a collection of phrases.Parameters:phrases - the phrases to add

#### getFunction public [DiscourseFunction](http://docs.google.com/simplenlg/features/DiscourseFunction.html) getFunction()Returns:the function the pair of phrases have in their respective clauses

#### elideRightmost public void elideRightmost() Elide the rightmost constituents in the phrase list, that is, all phrases except the first.

#### elideLeftmost public void elideLeftmost() Elide the leftmost consitutents in the phrase list, that is, all phrases except the rightmost.

#### lemmaIdentical public boolean lemmaIdentical()

* + - Check whether the phrases are lemma identical. This method returns true in the following cases:
      1. All phrases are [NLGElement](http://docs.google.com/simplenlg/framework/NLGElement.html)s and they have the same lexical head, irrespective of inflectional variations.

Returns:true if the pair is lemma identical

#### formIdentical public boolean formIdentical() Check whether the phrases in this set are identical in form. This method returns true if for every pair of phrases p1 and , p1.equals(p2).Returns:true if all phrases in the set are form-identical

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