

Package `utils`

Class BiMap

`java.lang.Object`
`utils.BiMap`

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

Field Summary

Fields

Modifier and Type	Field	Description
private <code>java.util.HashMap<PseudoDocument, java.lang.Integer></code>	<code>k1_to_k2</code>	
private <code>java.util.HashMap<java.lang.Integer, PseudoDocument></code>	<code>k2_to_k1</code>	
private <code>java.lang.Integer</code>	<code>max_id</code>	

Constructor Summary

Constructors

Constructor	Description
<code>BiMap()</code>	

Method Summary

All Methods	Instance Methods	Concrete Methods
Modifier and Type	Method	Description
<code>void</code>	<code>clear()</code>	
private <code>java.lang.Integer</code>	<code>generate_id()</code>	
<code>PseudoDocument</code>	<code>get(java.lang.Integer id)</code>	
<code>java.lang.Integer</code>	<code>get(PseudoDocument pd)</code>	
<code>PseudoDocument</code>	<code>put(java.lang.Integer id, PseudoDocument pd)</code>	
<code>java.lang.Integer</code>	<code>put(PseudoDocument pd)</code>	
<code>java.lang.Integer</code>	<code>put(PseudoDocument pd, java.lang.Integer id)</code>	
<code>void</code>	<code>remove(PseudoDocument pd)</code>	
<code>int</code>	<code>size()</code>	

Methods inherited from class `java.lang.Object`

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

Field Detail

k1_to_k2
<pre>private java.util.HashMap<PseudoDocument,java.lang.Integer> k1_to_k2</pre>
k2_to_k1
<pre>private java.util.HashMap<java.lang.Integer,PseudoDocument> k2_to_k1</pre>
max_id
<pre>private java.lang.Integer max_id</pre>

Constructor Detail

BiMap
<pre>public BiMap()</pre>

Method Detail

put
<pre>public java.lang.Integer put(PseudoDocument pd) throws DatabaseInconsistentException</pre> <p>Throws: DatabaseInconsistentException</p>
put
<pre>public java.lang.Integer put(PseudoDocument pd, java.lang.Integer id)</pre>
put
<pre>public PseudoDocument put(java.lang.Integer id, PseudoDocument pd)</pre>
remove

```
public void remove(PseudoDocument pd)
```

get

```
public java.lang.Integer get(PseudoDocument pd)
```

get

```
public PseudoDocument get(java.lang.Integer id)
```

generate_id

```
private java.lang.Integer generate_id()
```

size

```
public int size() throws DatabaseInconsistentException
```

Throws:
DatabaseInconsistentException

clear

```
public void clear()
```