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SEARCH:

reset

Class SymbolTable<Key,Value>

java.lang.Object
SymbolTable<Key,Value>

```
public class SymbolTable<Key, Value>  
extends java.lang.Object
```

• Nested Class Summary

Nested Classes		
Modifier and Type	Class	Description
static class	SymbolTable.Node	

• Field Summary

Fields	
Modifier and Type	Field Description
java.util.HashMap<java.lang.Integer, SymbolTable.Node >	st

• Constructor Summary

Constructors	
Constructor	Description
SymbolTable ()	

• Method Summary

All Methods	Instance Methods	Concrete Methods
Modifier and Type	Method	Description
SymbolTable.Node add	(java.lang.String key, Value val)	Adds a value in the symbol table
SymbolTable.Node get	(java.lang.String key)	Gets a node by its key
void	remove (java.lang.String key)	Removes a key from the symbol table

Methods inherited from class java.lang.Object

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

• Field Details

- **st**

```
public java.util.HashMap<java.lang.Integer,SymbolTable.Node> st
```

- **Constructor Details**

- **SymbolTable**

```
public SymbolTable()
```

- **Method Details**

- **get**

```
public SymbolTable.Node get(java.lang.String key)
```

Gets a node by its key

Parameters:

key - String to search for

Returns:

the Node (key and position in the tokens list) from the symbol table

- **add**

```
public SymbolTable.Node add(java.lang.String key, Value val)
```

Adds a value in the symbol table

Parameters:

key - String to be added

val - the position of the key in the tokens list

Returns:

a Node (key and position in the tokens list) that was added

- **remove**

```
public void remove(java.lang.String key)
```

Removes a key from the symbol table

Parameters:

key - String to be removed

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