

Class BST12Adapt.BST12AdaptIlterator

java.lang.Object
BST12Adapt.BST12AdaptIlterator

All Implemented Interfaces:

java.util.Iterator<E>

Enclosing class:

BST12Adapt<E> extends java.lang.Comparable<? super E>>

protected class **BST12Adapt.BST12AdaptIterator**
extends java.lang.Object
implements java.util.Iterator<E>

INNER CLASS

Constructor Summary

Constructors	
Modifier	Constructor and Description
protected	BST12AdaptIterator () constructor that uses Adapter Design Pattern on TreeSet

Method Summary

All Methods	Instance Methods	Concrete Methods
Modifier and Type	Method and Description	
boolean	hasNext () returns true if the iteration has more elements.	
E	next () returns the next element in the iteration	
void	remove () Remove method is undefined.	

Methods inherited from class java.lang.Object

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

Methods inherited from interface java.util.Iterator

forEachRemaining

Constructor Detail

BST12AdaptIterator

```
protected BST12AdaptIterator()
```

constructor that uses Adapter Design Pattern on TreeSet

Method Detail

remove

```
public void remove()
```

Remove method is undefined. Must throw UnsupportedOperationException exception when it's called.

Specified by:

remove in interface `java.util.Iterator<E extends java.lang.Comparable<? super E>>`

Throws:

`java.lang.UnsupportedOperationException` - if the remove operation is not supported by the iterator.

next

```
public E next()
```

returns the next element in the iteration

Specified by:

next in interface `java.util.Iterator<E extends java.lang.Comparable<? super E>>`

Returns:

the next element in the iteration

Throws:

`java.util.NoSuchElementException` - if the iteration has no more elements

hasNext

```
public boolean hasNext()
```

returns true if the iteration has more elements.

Specified by:

hasNext in interface `java.util.Iterator<E extends java.lang.Comparable<? super E>>`

Returns:

true if the iteration has more elements.

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