

## Class BST12.BST12Iterator

java.lang.Object  
BST12.BST12Iterator

All Implemented Interfaces:

java.util.Iterator<E>

Enclosing class:

BST12<E> extends java.lang.Comparable<? super E>>

protected class **BST12.BST12Iterator**  
extends java.lang.Object  
implements java.util.Iterator<E>

INNER CLASS for an Iterator

### Constructor Summary

Constructors	
Modifier	Constructor and Description
protected	<b>BST12Iterator</b> ( ) no arg constructor for the class

### Method Summary

All Methods	Instance Methods	Concrete Methods
Modifier and Type		Method and Description
boolean	<b>hasNext</b> ( )	returns true if the iteration has more elements.
<b>E</b>	<b>next</b> ( )	returns the next element in the iteration
void	<b>remove</b> ( )	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

### BST12Iterator

```
protected BST12Iterator()
```

no arg constructor for the class

## Method Detail

### 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.

### next

```
public E next()
    throws java.util.NoSuchElementException
```

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

## 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.

[PACKAGE](#) [CLASS](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) [NEXT CLASS](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

[SUMMARY: NESTED | FIELD | CONSTR | METHOD](#) [DETAIL: FIELD | CONSTR | METHOD](#)