

JAVA.UTIL.TREESET.CONTAINS METHOD

http://www.tutorialspoint.com/java/util/treeset_contains.htm

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Description

The **contains** *Object* method is used to return true if and only if this set contains the specified element.

Declaration

Following is the declaration for **java.util.TreeSet.contains** method.

```
public boolean contains(Object o)
```

Parameters

- **o** -- This is the object to be checked for containment in this set.

Return Value

The method call returns true if this set contains the specified element.

Exception

- **ClassCastException** -- This is thrown if the specified element cannot be compared with the elements currently exists in the set.
- **NullPointerException** -- This is thrown if the specified element is null and this set uses natural ordering, or its comparator does not permit null elements.

Example

The following example shows the usage of java.util.TreeSet.contains method.

```
package com.tutorialspoint;

import java.util.Iterator;
import java.util.TreeSet;

public class TreeSetDemo {
    public static void main(String[] args) {
        // creating a TreeSet
        TreeSet <Integer>treeadd = new TreeSet<Integer>();

        // adding in the tree set
        treeadd.add(12);
        treeadd.add(13);
        treeadd.add(14);
        treeadd.add(15);

        // check existence of 15
        System.out.println("Checking existence of 15 ");
        System.out.println("Is 15 there in the set: "+treeadd.contains(15));
    }
}
```

Let us compile and run the above program, this will produce the following result.

```
Checking existence of 15
Is 15 there in the set: true
```

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