

JAVA.UTIL.TREEMAP.KEYSET METHOD

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

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Description

The **keySet** method is used to return a Set view of the keys contained in this map. The set's iterator returns the keys in ascending order. The set is backed by the map, so changes to the map are reflected in the set, and vice-versa.

Declaration

Following is the declaration for **java.util.TreeMap.keySet** method.

```
public Set<K> keySet()
```

Parameters

- NA

Return Value

The method call returns a set view of the keys contained in this map.

Exception

- NA

Example

The following example shows the usage of java.util.TreeMap.keySet method.

```
package com.tutorialspoint;

import java.util.*;

public class TreeMapDemo {
    public static void main(String[] args) {
        // creating tree map
        TreeMap<Integer, String> treemap = new TreeMap<Integer, String>();

        // populating tree map
        treemap.put(2, "two");
        treemap.put(1, "one");
        treemap.put(3, "three");
        treemap.put(6, "six");
        treemap.put(5, "five");

        // creating set
        Set set=treemap.keySet();

        // getting set view
        System.out.println("Checking values of the set");
        System.out.println("Value is: "+set);
    }
}
```

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

```
Checking values of the set
Value is: [1, 2, 3, 5, 6]
```

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