

JAVA.UTIL.WEAKHASHMAP.KEYSET METHOD

http://www.tutorialspoint.com/java/util/weakhashmap_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 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.WeakHashMap.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.WeakHashMap.keySet** method.

```
package com.tutorialspoint;

import java.util.Map;
import java.util.WeakHashMap;
import java.util.Set;

public class WeakHashMapDemo {
    public static void main(String[] args) {
        Map<String, String> weakHashMap = new WeakHashMap<String, String>();

        // put keys and values in the Map
        weakHashMap.put("1", "first");
        weakHashMap.put("2", "two");
        weakHashMap.put("3", "three");

        // printing the contents of the Map
        System.out.println("Contents of the Map");
        System.out.println(weakHashMap);

        // populating the set
        Set set = weakHashMap.keySet();
        System.out.println("Contents of the set");
        System.out.println(set);
    }
}
```

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

```
Contents of the Map
{1=first, 2=two, 3=three}
Contents of the set
[1, 2, 3]
```