JAVA.UTIL.WEAKHASHMAP.ENTRYSET METHOD

Description

The **entrySet** method is used to return a collection view of the mappings contained in this map. Each element in the returned collection is a **Map.Entry**. The collection is backed by the map, so changes to the map are reflected in the collection and reverse.

Declaration

Following is the declaration for **java.util.WeakHashMap.entrySet** method.

```
public Set<Map.Entry<K,V>> entrySet()
```

Parameters

- **NA**

Return Value

The method call returns a collection view of the mappings contained in this map.

Exception

- **NA**

Example

The following example shows the usage of java.util.WeakHashMap.entrySet method.

```
package com.tutorialspoint;

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

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 Map
   System.out.println("Map: "+weakHashMap);

   // returns a Set view of the Map
   Set set=weakHashMap.entrySet();

   // printing the set
   System.out.println("Set: "+set);

   // change Map value
   System.out.println("Changing map");
   weakHashMap.put("3", "new value");

   // print Map and set
   System.out.println("Changed Map: "+weakHashMap);
   System.out.println("Changed Set: "+set);

   }
```

```
}
```

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

```
Map: {1=first, 2=two, 3=three}
Set: [1=first, 2=two, 3=three]
Changing map
Changed Map: {1=first, 2=two, 3=new value}
Changed Set: [1=first, 2=two, 3=new value]
```