

JAVA.UTIL.ENUMMAP.KEYSET METHOD

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

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Description

The **java.util.EnumMap.keySet** method returns a Set view of the keys contained in this map.

Declaration

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

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

Parameters

- NA

Return Value

This method returns a set view of the keys contained in this enum map.

Exception

- NA

Example

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

```
package com.tutorialspoint;

import java.util.*;

public class EnumMapDemo {

    // create an enum
    public enum Numbers {

        ONE, TWO, THREE, FOUR, FIVE
    };

    public static void main(String[] args) {
        EnumMap<Numbers, String> map =
            new EnumMap<Numbers, String>(Numbers.class);

        // associate values in map
        map.put(Numbers.ONE, "1");
        map.put(Numbers.TWO, "2");
        map.put(Numbers.THREE, "3");
        map.put(Numbers.FOUR, "4");

        // print the map
        System.out.println("Map: " + map);

        // create a new set and return the set view of the keys contained
        Set<Numbers> set = map.keySet();

        // print the set
        System.out.println("Set: " + set);
    }
}
```

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

Map: {ONE=1, TWO=2, THREE=3, FOUR=4}

Set: [ONE, TWO, THREE, FOUR]

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