

JAVA.UTIL.ENUMMAP.CONTAINSVALUE METHOD

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

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Description

The **java.util.EnumMap.containsValue***Objectvalue* method determines if this map maps one or more keys to the specified value.

Declaration

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

```
public boolean containsValue(Object value)
```

Parameters

- **value** -- the value whose presence in this map is to be tested.

Return Value

This method returns true if this map maps one or more keys to this value.

Exception

- NA

Example

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

```
package com.tutorialspoint;

import java.util.EnumMap;

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 whole map
        System.out.println(map);

        // check if map contains a mapping at specified key
        boolean contains = map.containsValue("1");

        // print the result
        System.out.println("Map contains '1':" + contains);

        // check if map contains a mapping at another specified key
        contains = map.containsValue("5");
```

```
// print the result
System.out.println("Map contains '5':" + contains);

}
```

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

```
{ONE=1, TWO=2, THREE=3, FOUR=4}
Map contains '1':true
Map contains '5':false
```

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