

JAVA.UTIL.ENUMMAP.EQUALS METHOD

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

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Description

The **java.util.EnumMap.equals** method compares the specified object with this map for equality. Both objects must be maps.

Declaration

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

```
public boolean equals(Object o)
```

Parameters

- **o** -- the object to be compared for equality with this map.

Return Value

This method returns true if the specified object is equal to this map

Exception

- **NA**

Example

The following example shows the usage of java.util.EnumMap.equals 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> map1 =
            new EnumMap<Numbers, String>(Numbers.class);

        EnumMap<Numbers, String> map2 =
            new EnumMap<Numbers, String>(Numbers.class);

        // associate values in map1
        map1.put(Numbers.ONE, "1");
        map1.put(Numbers.TWO, "2");
        map1.put(Numbers.THREE, "3");
        map1.put(Numbers.FOUR, "4");

        // associate values in map2
        map2.put(Numbers.ONE, "1");
        map2.put(Numbers.TWO, "2");
        map2.put(Numbers.THREE, "3");
        map2.put(Numbers.FOUR, "4");

        // print the maps
        System.out.println("map1:" + map1);
        System.out.println("map2:" + map2);
    }
}
```

```
// check for equality between maps
boolean equal = map1.equals(map2);

// print the result
System.out.println("Map1 and map 2 are equal:" + equal);

// add one more value in map2
map2.put(Numbers.FIVE, "5");

// check for equality between maps
equal = map1.equals(map2);

// print the result
System.out.println("Map1 and map 2 are equal:" + equal);

}
}
```

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

```
map1:{ONE=1, TWO=2, THREE=3, FOUR=4}
map2:{ONE=1, TWO=2, THREE=3, FOUR=4}
Map1 and map 2 are equal:true
Map1 and map 2 are equal:false
```

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