

JAVA.UTIL.ENUMMAP.CLONE METHOD

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

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Description

The **java.util.EnumMap.clone** method returns a copy of this enum map.

Declaration

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

```
public EnumMap<K,V> clone()
```

Parameters

- NA

Return Value

This method returns a shallow copy of this enum map.

Exception

- NA

Example

The following example shows the usage of java.util.EnumMap.clone 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> 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");

        // print the whole map
        System.out.println("map1:" + map1);

        // clone map1 to map2
        map2 = map1.clone();

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

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}
```

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