

JAVA.UTIL.ENUMSET.CLONE METHOD

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

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Description

The **java.util.EnumSet.clone** method Returns a copy of this set.

Declaration

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

```
public EnumSet<E> clone()
```

Parameters

- NA

Return Value

This method returns a copy of this set.

Exception

- NA

Example

The following example shows the usage of java.util.EnumSet.clone method.

```
package com.tutorialspoint;

import java.util.*;

public class EnumSetDemo {

    // create an enum
    public enum Numbers {

        ONE, TWO, THREE, FOUR, FIVE
    };

    public static void main(String[] args) {

        // create an EnumSet that has all elements from Numbers
        EnumSet<Numbers> set1 = EnumSet.allOf(Numbers.class);

        // print the set
        System.out.println("Set1:" + set1);

        // create a set2 which is a copy of set1
        EnumSet<Numbers> set2 = set1.clone();

        // print the updated set
        System.out.println("Set2:" + set2);

    }
}
```

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

```
Set1:[ONE, TWO, THREE, FOUR, FIVE]
Set2:[ONE, TWO, THREE, FOUR, FIVE]
```

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