

JAVA.UTIL.BITSET.CLONE METHOD

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

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Description

The **java.util.BitSet.clone** method produces a new BitSet that is equal to this one. The clone of the bit set is another bit set that has exactly the same bits set to true as this bit set.

Declaration

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

```
public Object clone()
```

Parameters

- NA

Return Value

This method returns a clone of this bit set.

Exception

- NA

Example

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

```
package com.tutorialspoint;

import java.util.*;

public class BitSetDemo {

    public static void main(String[] args) {

        // create 2 bitsets
        BitSet bitset1 = new BitSet(8);
        BitSet bitset2 = new BitSet(8);

        // assign values to bitset1
        bitset1.set(0);
        bitset1.set(1);
        bitset1.set(2);
        bitset1.set(3);
        bitset1.set(4);
        bitset1.set(5);

        // assign values to bitset2
        bitset2.set(2);
        bitset2.set(4);
        bitset2.set(6);
        bitset2.set(8);
        bitset2.set(10);

        // print the sets
        System.out.println("Bitset1:" + bitset1);
        System.out.println("Bitset2:" + bitset2);

        // clone bitset1 to bitset2
        bitset2 = (BitSet) bitset1.clone();
```

```
// print new bitsets
System.out.println("" + bitset1);
System.out.println("" + bitset2);

}
```

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

```
Bitset1:{0, 1, 2, 3, 4, 5}
Bitset2:{2, 4, 6, 8, 10}
{0, 1, 2, 3, 4, 5}
{0, 1, 2, 3, 4, 5}
```

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