

JAVA.UTIL.BITSET.OR METHOD

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

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Description

The **java.util.BitSet.or** *BitSet* method performs a logical OR of this bit set with the bit set argument. This bit set is modified so that a bit in it has the value true if and only if it either already had the value true or the corresponding bit in the bit set argument has the value true.

Declaration

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

```
public void or(BitSet set)
```

Parameters

- **set** -- a bit set.

Return Value

This method does not return a value.

Exception

- NA

Example

The following example shows the usage of java.util.BitSet.or 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);

        // perform a logical or between the two bitsets
        bitset1.or(bitset2);
```

```
System.out.println("" + bitset1);  
}  
}
```

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, 6, 8, 10}
```

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