

JAVA.UTIL.VECTOR.ISEMPTY METHOD

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

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Description

The **isEmpty** method is used to tests if this vector has no components.

Declaration

Following is the declaration for **java.util.Vector.isEmpty** method

```
public boolean isEmpty()
```

Parameters

- NA

Return Value

The return value is true if and only if this vector has no components, that is, its size is zero. Otherwise it returns false.

Exception

- NA

Example

The following example shows the usage of java.util.Vector.isEmpty method.

```
package com.tutorialspoint;

import java.util.Vector;

public class VectorDemo {
    public static void main(String[] args) {
        // create an empty Vector vec with an initial capacity of 4
        Vector vec = new Vector(4);

        // let us test the vector
        System.out.println("The vector does not have any element");
        System.out.println("The vector is empty: "+vec.isEmpty());

        // use add() method to add elements in the vector
        vec.add(4);
        vec.add(3);
        vec.add(2);
        vec.add(1);

        // let us test the vector again
        System.out.println("The vector has elements");
        System.out.println("The vector is empty: "+vec.isEmpty());
    }
}
```

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

```
The vector does not have any element
The vector is empty: true
The vector has elements
The vector is empty: false
```

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