

JAVA.UTIL.VECTOR.CONTAINS METHOD

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

Copyright © tutorialspoint.com

Description

The **contains***Objectelem* method is used to test the existence of an element in a vector.

Declaration

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

```
public boolean contains(Object elem)
```

Parameters

- **elem** -- This is an object as input.

Return Value

true--It returns true if and only if the specified object is the same as a component in this vector. Otherwise it returns false.

Exception

- **ClassCastException** -- if the type of the specified element is incompatible with this collection *optional*.
- **NullPointerException** -- if the specified element is null and this collection does not support null elements *optional*.

Example

The following example shows the usage of java.util.Vector.contains 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<Integer> vec = new Vector<Integer>(4);

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

        // let us check the existence of number 4 in the vector
        System.out.println("Checking the existence of number 4 :- "+vec.contains(4));
    }
}
```

Let us compile and run the above program, this will produce the following result. The method call returns true as the number exists in the vector

```
Checking the existence of number 4 :- true
```

Loading [MathJax]/jax/output/HTML-CSS/fonts/TeX/fontdata.js