

JAVA.UTIL.VECTOR.CONTAINSALL METHOD

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

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Description

The **containsAll***Collection* < ? > *c* method is used to check if this Vector contains all of the elements in the specified Collection.

Declaration

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

```
public boolean containsAll(Collection<?> c)
```

Parameters

- **c** -- The input parameter is a collection whose elements will be tested for containment in this Vector

Return Value

true--Returns true if this Vector contains all of the elements in the specified collection.

Exception

- **NullPointerException** -- This exception is thrown if the specified collection is null.

Example

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

```
package com.tutorialspoint;

import java.util.Vector;

public class VectorDemo {
    public static void main(String[] args) {
        // create three empty Vectors vec and vectest with an initial capacity of 4
        Vector<Integer> vec = new Vector<Integer>(4);
        Vector<Integer> vectest = new Vector<Integer>(4);
        Vector<Integer> vecdiff = new Vector<Integer>(4);

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

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

        // use add() method to add elements in the vector vecdiff
        vecdiff.add(4);
        vecdiff.add(3);
        vecdiff.add(12);

        // let us check vec and vectest
        System.out.println("Checking contents in vec and vectest :-"
            +vectest.containsAll(vec));

        // let us check vec and vecdiff
        System.out.println("Checking contents in vec and vecdiff :-"
            +vecdiff.containsAll(vec));
    }
}
```

```
}  
}
```

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

```
Checking contents in vec and vectest :- true  
Checking contents in vec and vecdiff :- false
```

```
Loading [Mathjax]/jax/output/HTML-CSS/jax.js
```