

JAVA.UTIL.ARRAYDEQUE.CONTAINSOBJECT METHOD

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

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Description

The **java.util.ArrayDeque.containsObject** returns **true** if this **deque** contains the specified element.

Declaration

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

```
public boolean contains(Object o)
```

Parameters

- **o** -- The object to be checked as contained in deque.

Return Value

This method returns **true** if this deque contains the specified element, else **false**.

Exception

- NA

Example

The following example shows the usage of java.util.ArrayDeque.contains method.

```
package com.tutorialspoint;

import java.util.ArrayDeque;
import java.util.Deque;

public class ArrayDequeDemo {
    public static void main(String[] args) {

        // create an empty array deque with an initial capacity
        Deque<Integer> deque = new ArrayDeque<Integer>(8);

        // use add() method to add elements in the deque
        deque.add(20);
        deque.add(30);
        deque.add(10);
        deque.add(18);

        // let us print all the elements available in deque
        for (Integer number : deque) {
            System.out.println("Number = " + number);
        }

        // deque contains element 10
        boolean retval = deque.contains(10);

        if (retval == true) {
            System.out.println("element 10 is contained in the deque");
        }
        else {
            System.out.println("element 10 is not contained in the deque");
        }

        // deque does not contain element 25
        boolean retval2 = deque.contains(25);
```

```
if (retval2 == true) {  
    System.out.println("element 25 is contained in the deque");  
}  
else {  
    System.out.println("element 25 is not contained in the deque");  
}  
}
```

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

```
Number = 20  
Number = 30  
Number = 10  
Number = 18  
element 10 is contained in the deque  
element 25 is not contained in the deque  
Loading [Mathjax]/jax/output/HTML-CSS/fonts/TeX/fontdata.js
```