

JAVA.UTIL.PRIORITYQUEUE.CONTAINS METHOD

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

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Description

The **contains***Object* method is used to return true if this queue contains the specified element.

Declaration

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

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

Parameters

- **o** -- The object to be checked for containment in this queue.

Return Value

- The method call returns 'true' if this queue contains the specified element.

Exception

- NA

Example

The following example shows the usage of java.util.PriorityQueue.contains

```
package com.tutorialspoint;

import java.util.*;

public class PriorityQueueDemo {
    public static void main(String args[]) {
        // create priority queue
        PriorityQueue < Integer > prq = new PriorityQueue < Integer > ();

        // insert values in the queue
        for ( int i = 0; i < 10; i++ ){
            prq.add (new Integer (i)) ;
        }

        System.out.println ( "Priority queue values are: " + prq);

        // check if queue contains 5
        boolean b = prq.contains(5);

        System.out.println ( "Priority queue contains 5: " + b);
    }
}
```

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

```
Priority queue values are: [0, 1, 2, 3, 4, 5, 6, 7, 8, 9]
Priority queue contains 5: true
```

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