

JAVA.UTIL.ARRAYDEQUE.CLEAR METHOD

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

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Description

The **java.util.ArrayDeque.clear** method removes all of the elements from this **deque**.

Declaration

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

```
public void clear()
```

Parameters

- NA

Return Value

This method does not return any value.

Exception

- NA

Example

The following example shows the usage of **java.util.ArrayDeque.clear** 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);

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

        // finding size of this deque
        int retval = deque.size();
        System.out.println("Deque consists of "+ retval + " elements");

        System.out.println("Performing clear operation !!");
        deque.clear();
        retval = deque.size();
        System.out.println("Now, deque consists of "+ retval + " elements");
    }
}
```

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

```
Number = 20  
Number = 30  
Number = 10  
Deque consists of 3 elements  
Performing clear operation !!  
Now, deque consists of 0 elements  
Loading [Mathjax]/jax/output/HTML-CSS/fonts/TeX/fontdata.js
```