

JAVA.UTIL.LINKEDLIST.REMOVEFIRSTOCCURRENCE METHOD

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

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Description

The **java.util.LinkedList.removeFirstOccurrenceObjecto** method removes the first occurrence of the specified element in this list *whentraversingthelistfromheadtotail*. If the list does not contain the element, it is unchanged.

Declaration

Following is the declaration for **java.util.LinkedList.removeFirstOccurrence** method

```
public boolean removeFirstOccurrence(Object o)
```

Parameters

- **o** -- element to be removed from this list, if present

Return Value

This method returns true if the list contained the specified element

Exception

- **NA**

Example

The following example shows the usage of java.util.LinkedList.removeFirstOccurrence method.

```
package com.tutorialspoint;

import java.util.*;

public class LinkedListDemo {

    public static void main(String[] args) {

        // create a LinkedList
        LinkedList list = new LinkedList();

        // add some elements
        list.add("Hello");
        list.add(2);
        list.add("Chocolate");
        list.add("10");
        list.add("Hello");

        // print the list
        System.out.println("LinkedList:" + list);

        // remove the first "Hello"
        boolean found = list.removeFirstOccurrence("Hello");
        System.out.println("Element found:" + found);

        // print the list
        System.out.println("LinkedList:" + list);
    }
}
```

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

```
LinkedList:[Hello, 2, Chocolate, 10, Hello]  
Element found:true  
LinkedList:[2, Chocolate, 10, Hello]
```

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