

JAVA.UTIL.LINKEDLIST.TOARRAY METHOD

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

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Description

The **java.util.LinkedList.toArray** method returns an array containing all of the elements in this list in proper sequence *from first to last element*. This method acts as bridge between array-based and collection-based APIs.

Declaration

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

```
public Object[] toArray()
```

Parameters

- NA

Return Value

This method returns an array containing all of the elements in this list in proper sequence

Exception

- NA

Example

The following example shows the usage of java.util.LinkedList.toArray 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");

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

        // create an array and copy the list to it
        Object[] array = list.toArray();

        // print the array
        for (int i = 0; i < list.size(); i++) {
            System.out.println("Array:" + array[i]);
        }
    }
}
```

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

```
LinkedList:[Hello, 2, Chocolate, 10]  
Array:Hello  
Array:2  
Array:Chocolate  
Array:10
```

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