

JAVA.UTIL.LINKEDLIST.LISTITERATOR METHOD

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

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Description

The **java.util.LinkedList.listIterator(int index)** method returns a list-iterator of the elements in this list *in proper sequence*, starting at the specified position in the list.

Declaration

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

```
public ListIterator<E> listIterator(int index)
```

Parameters

- **index** -- index of the first element to be returned from the list-iterator

Return Value

This method returns a ListIterator of the elements in this list *in proper sequence*, starting at the specified position in the list

Exception

- **IndexOutOfBoundsException** -- if the index is out of range

Example

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

        // set Iterator at specified index
        Iterator x = list.listIterator(1);

        // print list with the iterator
        while (x.hasNext()) {
            System.out.println(x.next());
        }
    }
}
```

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

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

```
2
```

```
Chocolate
```

```
10
```

```
Loading [Mathjax]/jax/output/HTML-CSS/jax.js
```