

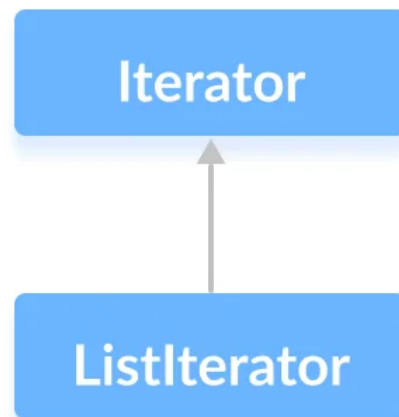
Java ListIterator Interface

In this tutorial, we will learn about the Java ListIterator interface with the help of an example.

The `ListIterator` interface of the Java collections framework provides the functionality to access elements of a list.

It is bidirectional. This means it allows us to iterate elements of a list in both the direction.

It extends the `Iterator` interface.



The `List` interface provides a `listIterator()` method that returns an instance of the `ListIterator` interface.

Methods of ListIterator

The `ListIterator` interface provides methods that can be used to perform various operations on the elements of a list.

- `hasNext()` - returns true if there exists an element in the list
- `next()` - returns the next element of the list
- `nextIndex()` returns the index of the element that the `next()` method will return
- `previous()` - returns the previous element of the list
- `previousIndex()` - returns the index of the element that the `previous()` method will return
- `remove()` - removes the element returned by either `next()` or `previous()`
- `set()` - replaces the element returned by either `next()` or `previous()` with the specified element