**Java – Convert Vector to List example**

[**JAVA COLLECTIONS**](http://beginnersbook.com/category/java-collections/)

Earlier we shared [**Vector to ArrayList**](http://beginnersbook.com/2014/07/java-convert-vector-to-arraylist-example/) and [**Vector to Array conversion**](http://beginnersbook.com/2014/07/how-to-convert-vector-to-string-array-in-java/). In this tutorial we are gonna see how to convert a Vector to List. The steps are as follows:  
1) Create a Vector and populate it  
2) Convert it to a List by calling Collections.list(vector.elements())which returns a List object.

**Example**

To explain the logic we are assuming that Vector is having elements of String type(). However if you want to have a different type then just change the generics in the below code.

import java.util.Vector;

import java.util.List;

import java.util.Collections;

public class VectorToList {

public static void main(String[] args) {

// Step1: Creating a Vector of String elements

Vector<String> vector = new Vector<String>();

// Step2: Populating Vector

vector.add("Tim");

vector.add("Rock");

vector.add("Hulk");

vector.add("Rick");

vector.add("James");

// Step3: Displaying Vector elements

System.out.println("Vector Elements :");

for (String str : vector){

System.out.println(str);

}

// Step4: Converting Vector to List

List<String> list = Collections.list(vector.elements());

// Step 5: Displaying List Elements

System.out.println("\nList Elements :");

for (String str2 : list){

System.out.println(str2);

}

}

}

**Output:**

Vector Elements :

Tim

Rock

Hulk

Rick

James

List Elements :

Tim

Rock

Hulk

Rick

James

As you can see both Vector and List are having same elements after conversion.