**How to convert Vector to String array in java**

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

Couple of weeks back we shared a tutorial on **[ArrayList to String Array conversion](http://beginnersbook.com/2013/12/how-to-convert-arraylist-to-string-array-in-java/" \o "How to convert ArrayList to string array in java" \t "_blank)**. In this tutorial, we are gonna see how to convert a Vector to String Array in Java.

**Example**

Lets have a look at the below example where we are converting a Vector of Strings to an array. We are using **[toString() method](http://docs.oracle.com/javase/7/docs/api/java/util/Vector.html" \l "toString()" \t "_blank)** of Vector class to do this.  
public String toString(): It returns a string representation of this Vector, containing the String representation of each element.

import java.util.Vector;

public class VectorToArray {

public static void main(String[] args) {

// Creating a Vector of String elements

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

// Add elements to Vector

vector.add("Item1");

vector.add("Item2");

vector.add("Item3");

vector.add("Item4");

vector.add("Item5");

vector.add("Item6");

//Converting Vector to String Array

String[] array = vector.toArray(new String[vector.size()]);

//Displaying Array Elements

System.out.println("String Array Elements :");

for(int i=0; i < array.length ; i++){

System.out.println(array[i]);

}

}

}

**Output:**

String Array Elements :

Item1

Item2

Item3

Item4

Item5

Item6

The steps we followed in above code are:  
1) Created a Vector of type String  
2) Added elements to it using add(Element E) method of Vector class.  
3) Converted the Vector to Array using toArray(new String[vector.size()]).