

JAVA.UTIL.VECTOR.CAPACITY METHOD

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

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Description

The **capacity** method is used to return the current capacity of a vector. **Capacity** is the length of the array kept in the vector.

Declaration

Following is the declaration for **java.util.Vector.capacity** method

```
public int capacity()
```

Parameters

- This method does not take any parameter as input.

Return Value

The method returns the **current capacity** of the vector as an **integer** value. Here capacity means the **length of its internal data array**, kept in the field **elementData** of this vector.

Exception

- NA.

Example

The following example shows the usage of java.util.Vector.capacity method.

```
package com.tutorialspoint;

import java.util.Vector;

public class VectorDemo {
    public static void main(String[] args) {
        // create an empty Vector vec
        Vector<Integer> vec = new Vector<Integer>();

        // use add() method to add elements in the vector
        vec.add(14);
        vec.add(13);
        vec.add(12);
        vec.add(11);
        vec.add(4);
        vec.add(3);
        vec.add(2);
        vec.add(1);

        // let us print the capacity of the vector
        System.out.println("Capacity of the vector is :"+vec.capacity());
    }
}
```

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

```
Capacity of the vector is :10
```

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