JAVA.LANG.STRINGBUFFER.ENSURECAPACITY METHOD

Description

The **java.lang.StringBuffer.ensureCapacity** method ensures that the capacity is at least equal to the specified minimum. If the current capacity is less than the argument, then a new internal array is allocated with greater capacity. The new capacity is the larger of:

- The **minimumCapacity** argument.
- Twice the old capacity, plus 2.

If the **minimumCapacity** argument is nonpositive, this method takes no action and simply returns.

Declaration

Following is the declaration for **java.lang.StringBuffer.ensureCapacity** method

```
public void ensureCapacity(int minimumCapacity)
```

Parameters

- **minimumCapacity** -- This is the minimum desired capacity.

Return Value

This method does not return any value.

Exception

- **NA**

Example

The following example shows the usage of java.lang.StringBuffer.ensureCapacity method.

```
package com.tutorialspoint;

import java.lang.*;

public class StringBufferDemo {

   public static void main(String[] args) {

   StringBuffer buff1 = new StringBuffer("tuts point");
   System.out.println("buffer1 = " + buff1);

   // returns the current capacity of the string buffer 1
   System.out.println("Old Capacity = " + buff1.capacity());
   /* increases the capacity, as needed, to the specified amount in the
   given string buffer object */
   // returns twice the capacity plus 2
   buff1.ensureCapacity(28);
   System.out.println("New Capacity = " + buff1.capacity());

   StringBuffer buff2 = new StringBuffer("compile online");
   System.out.println("buffer2 = " + buff2);
   // returns the current capacity of string buffer 2
   System.out.println("Old Capacity = " + buff2.capacity());
   /* returns the old capacity as the capacity ensured is less than the
   old capacity */
   buff2.ensureCapacity(29);
   System.out.println("New Capacity = " + buff2.capacity());
```

```
   }
}
```

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

```
buffer1 = tuts point
Old Capacity = 26
New Capacity = 54
buffer2 = compile online
Old Capacity = 30
New Capacity = 30
```