

JAVA.LANG.STRINGBUILDER.GETCHARS METHOD

http://www.tutorialspoint.com/java/lang/stringbuilder_getchars.htm

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Description

The **java.lang.StringBuilder.getChars** method copies the characters from this sequence into the destination character array **dst**.

The first character to be copied is at index **srcBegin**; the last character to be copied is at index **srcEnd - 1**. The total number of characters to be copied is **srcEnd - srcBegin**. The characters are copied into the subarray of dst starting at index **dstBegin** and ending at index: **dstBegin + srcEnd - srcBegin - 1**

Declaration

Following is the declaration for **java.lang.StringBuilder.getChars** method

```
public void getChars(int srcBegin, int srcEnd, char[] dst, int dstBegin)
```

Parameters

- **srcBegin** -- This means start copying at this offset.
- **srcEnd** -- This means stop copying at this offset.
- **dst** -- This is the array to copy the data into..
- **dstBegin** -- This is the offset into dst.

Return Value

This method does not return any value.

Exception

- **NullPointerException** -- if dst is null.
- **IndexOutOfBoundsException** -- this is thrown if any of the following is true:

```
srcBegin is negative
dstBegin is negative
the srcBegin argument is greater than the srcEnd argument.
srcEnd is greater than this.length().
dstBegin + srcEnd - srcBegin is greater than dst.length
```

Example

The following example shows the usage of java.lang.StringBuilder.getChars method.

```
package com.tutorialspoint;

import java.lang.*;

public class StringBuilderDemo {

    public static void main(String[] args) {

        StringBuilder str = new StringBuilder("java programming");
        System.out.println("string = " + str);

        // char array
        char[] cArr = new char[]{'t', 'u', 't', 'o', 'r', 'i', 'a', 'l', 's'};
```

```
// copy the chars from index 5 to index 10 into subarray of cArr
// the offset into destination subarray is set to 3
str.getChars(5, 10, cArr, 3);
// print character array
System.out.println(cArr);
}
```

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

```
string = java programming
tutnroars
```

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