

JAVA.LANG.STRING.REPLACEFIRST METHOD

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

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Description

The **java.lang.String.replaceFirst** method replaces the first substring of this string that matches the given regular expression with the given replacement.

Declaration

Following is the declaration for **java.lang.String.replaceFirst** method

```
public String replaceFirst(String regex, String replacement)
```

Parameters

- **regex** -- This is the regular expression to which this string is to be matched.
- **replacement** -- This is the string to be substituted for each match.

Return Value

This method returns the resulting string.

Exception

- **PatternSyntaxException** -- if the regular expression's syntax is invalid.

Example

The following example shows the usage of java.lang.String.replaceFirst method.

```
package com.tutorialspoint;

import java.lang.*;

public class StringDemo {

    public static void main(String[] args) {

        String str1 = "!!Tutorials!!Point", str2;
        String substr = "***", regex = "!!";

        // prints string1
        System.out.println("String = " + str1);

        /* replaces the first substring of this string that matches the given
        regular expression with the given replacement */
        str2 = str1.replaceFirst(regex, substr);
        System.out.println("After Replacing = " + str2);
    }
}
```

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

```
String = !!Tutorials!!Point
After Replacing = **Tutorials!!Point
Loading [MathJax]/jax/output/HTML-CSS/fonts/TeX/fontdata.js
```