

JAVA.LANG.STRING.SPLIT METHOD

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

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Description

The **java.lang.String.splitStringregex** method splits this string around matches of the given regular expression.

This method works in the same way as invoking the method i.e [splitStringregex, intlimit](#) with the given expression and a limit argument of zero. Therefore, trailing empty strings are not included in the resulting array.

Declaration

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

```
public String[] split(String regex)
```

Parameters

- **regex** -- This is the delimiting regular expression.

Return Value

This method returns the array of strings computed by splitting this string around matches of the given regular expression.

Exception

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

Example

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

```
package com.tutorialspoint;

import java.lang.*;

public class StringDemo {

    public static void main(String[] args) {

        String str = "a d, m, i.n";
        String delimiters = "\\s+|,\\s*|\\.\\s*";

        // analyzing the string
        String[] tokensVal = str.split(delimiters);

        // prints the number of tokens
        System.out.println("Count of tokens = " + tokensVal.length);

        for(String token : tokensVal) {
            System.out.print(token);
        }
    }
}
```

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

```
Count of tokens = 5
admin
```

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