

# RxReplaceStr

## %RxReplaceStr function

### Function

The function replaces the predefined number of substrings in the input text, that match the specified regular expression, with another substring.

### Declaration

```
TEXT %RxReplaceStr(  
    TEXT in Text,  
    TEXT in regExp,  
    TEXT      in subStr,  
    INT      in from := 1,  
    INT      in count := 0  
)
```

### Parameters

<b>text</b>	Text, in which will be the replacement.
<b>regExp</b>	A regular expression, which will be replaced in the input parameter <i>text</i> .
<b>substr</b>	Substring, which will replace the found substring that matches the regular expression.
<b>from</b>	Index, from which the input text is to be searched ( (0 = from start) (optional input parameter).
<b>count</b>	Number of occurrences to be replaced (0 = all occurrences) (optional input parameter).

### Example

The function returns a string, in which *count* occurrences of regular expression *regExp* will be replaced by substring *substr*, while input *text* will be searched from the index *from*. If some of the input parameters is invalid, the function returns an undefined value.

```
%RxReplaceStr("text some text", "[a-z]+", "(X)") ;  
returns text: (X) (X) (X)  
%RxReplaceStr("text some text", "[a-z]+", "(X)", 1, 0) ;  
returns text: (X) (X) (X)  
%RxReplaceStr("text some text", "[a-z]+", "(X)", 1, 2) ;  
returns text: (X) (X) text  
%RxReplaceStr("text some text", "[a-z]+", "(X)", 2, 1) ;  
returns text: t(X) some text  
%RxReplaceStr("text some text", "[a-z]+", "(X)", 5, 1) ;  
returns text: text (X) text  
%RxReplaceStr("text some text", "[a-z]+", "(X)", 20, 0) ;returns  
text: text some text  
%RxReplaceStr("text some text", "[a-z]+", "(X)", 0, 20) ;returns  
text: (X) (X) (X)
```

### Related pages:

[Implemented functions](#)  
[Function arguments - types](#)