

# findPatterns

<b>Syntax</b>	<pre>set resultArray = aString.findPatterns(regExpPattern) set resultArray = findPatterns(LITERAL, regExpPattern)</pre>	
<b>Semantics</b>	Returns all occurrences of the pattern found in <i>aString</i> as string array. Raises an error if the pattern is not found. The state of the current string is not changed.	
<b>Substitutables</b>	aString	Can be any variable or object attribute having the type <b>String</b> .
	regExpPattern	Regular expression (see <a href="#">Regular Expressions</a> for a list of valid regular expressions). An introduction into regular expressions can be found at <a href="http://www.regular-expressions.info/">http://www.regular-expressions.info/</a> .
	LITERAL	String literal.
<b>Error Codes</b>	Find the related error codes on <a href="#">System Errors of string operations</a> .	
	FUSSM/21	Cannot find any occurrences of pattern <pattern> in string <string>.
<b>Examples</b>	This example returns <code>resultArray = {X1, X2}</code> .	
	<pre>set s1 = "The findPatterns() operation finds the X1 and X2 in this phrase." set resultArray = s1.findPatterns("X.");</pre>	
<b>Examples</b>	This example throws an error as there is no X in the string at all.	
	<pre>set s1 = "The findPatterns() operation won't find the pattern." set resultArray = s1.findPattern("X.");</pre>	

## Related Pages:

- Valid [Regular Expressions](#) on the E2E Bridge
- [Info on Regular Expressions in Common](#)
- [findPattern\(\) Operation](#)
- [match\(\) Operation](#)