

Regular Expression Syntax

There are two types of regular expressions: regex (*OS_Regex*) and sregex (*OS_Match*).

Regex (OS_Regex) syntax

This is a fast and simple library for regular expressions in C.

This library is designed to be simple while still supporting the most common regular expressions.

Supported expressions

Expressions	Valid characters
\w	A-Z, a-z, 0-9, '-', '@' characters
\d	0-9 character
\s	Spaces " "
\t	Tabs
\p	()*+,-.;<=>?[]!'"#\$\$%& {}
\W	Anything not w
\D	Anything not d
\S	Anything not s
.	Anything

Modifiers

Expressions	Actions
+	To match one or more times
*	To match zero or more times

Special characters

Expressions	Actions
^	To specify the beginning of the text
\$	To specify the end of the text
	To create a logical or between multiple patterns

Characters escaping

To utilize the following characters they must be escaped with: \

\$	()	\	
\\$	\(\)	\\	\

Sregex (OS_Match) syntax

This is faster than OS_Regex, but only supports simple string matching and the following special characters.

Special characters

Expressions	Actions
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Expressions	Actions
^	To specify the beginning of the text
\$	To specify the end of the text
	To create a logic: or, between multiple patterns
!	To negate the expression