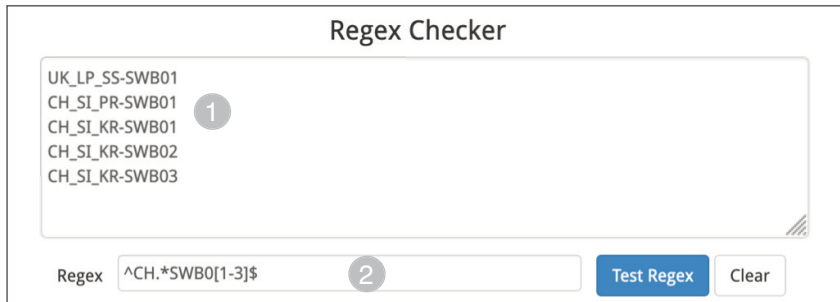


How to Use Regex Checker

Regular expressions (regex) are used throughout AKIPS (grouping, alerts, syslog and trap filters, to name a few). To assist in testing these expressions AKIPS has provided Regex Checker.

- 1 Navigate to **Tools > Regex Checker**.



There are two mandatory input fields required when testing an expression:

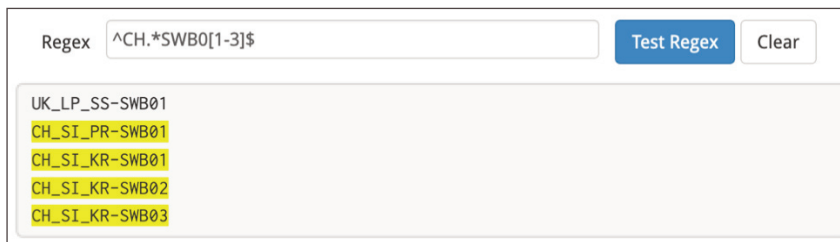
- 1 a sample of the text that you are filtering/locating/replacing
- 2 the expression you are checking, **without** the forward slashes.



Test one expression at a time, exactly as you are planning to use it.

- 2 After completing the two mandatory fields, select **Test Regex**.

The results of the test display with any matches highlighted.



- 3 Continue to tweak and test your expression until the desired outcome is achieved.

Defining Regular Expressions

Use the following metacharacters when defining regular expressions.

Metacharacter	Description
/	Binds all expressions, mandatory
*	Wild Card
^	Start with (string)
.	Matches a single character
\$	End with string
[]	Matches a single character that is contained within brackets
[^]	Matches a single character not contained within brackets
()	Defines a marked subexpression
	Choice/Or
+	Matches the preceding element one or more times



Handy Reference - Regular Expressions Cookbook written by Jan Goyvaerts and Steven Levithan. Published by O'Reilly

Examples

Must match akip09 or akip134

`/akip09|akip134/`

Must match AKDSQ or AKDSI or AKDPR or MSD or EIA

`/AKDSQ|AKDSI|AKDPR|MSD|EIA/`

Match anything with SD followed by any number from 4 through to 9

`/SD[4-9]/`

Match anything ending in www

`/^.*www$/`

All regular expressions in AKIPS are case insensitive, making them simpler to use

Match anything that starts with Fa or Gi and only those 0 to 5

`^(fa|gi)[0-5]`



Help is available if you need assistance.

Post a query on the [AKIPS forum](#) or email support@akips.com.

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