### kvjoin()

Concatenates all keys and values ​​into a single string.

#### Syntax

kvjoin(KV\_DELIMIT, PAIR\_DELIMIT[, REGEX])

Required Parameter

**KV\_DELIMIT**

String that delimits the key and the value.

**PAIR\_DELIMIT**

String that delimits each key-value pair.

Optional Parameter

**REGEX**

Regular expression to match against the key. The function concatenates a key and a value only if the key matches the regular expression. If you do not specify the expression, the function concatenates all key-value pairs.

#### Usage

Combine strings by using colons (:) as key-value delimiter and ^ as a key-value pair delimiter.

json "{}" | eval name="Kim", age=30 | eval result=kvjoin(":", "^") => "name:Kim^age:30"

Concatenate strings using colons (:) as key-value delimiter and ^ as a pair delimiter by extracting only fields that match src.\* regular expression.

json "{ 'src\_ip':'1.2.3.4', 'src\_port':45667, 'dst\_ip':'5.6.7.8', 'dst\_port':80, 'protocol':'TCP' }" | eval result=kvjoin(":", "^", "src.\*") => "src\_ip:1.2.3.4^src\_port:45667"