### eval

Evaluates the expression on the right and then assigns a new field or replaces the old field value. You can enter any combination of expressions that can be evaluated to value on the right side.

#### Syntax

eval FIELD=EXPR, ...

Required Parameter

**FIELD=EXPR, ...**

Statement to assign the value obtained by evaluating the expression to a new or old field. You can enter any combination of expressions that can be evaluated to value on the right side. Use commas (,) as a separators to specify multiple pairs of assignments. If there are multiple pairs of FIELD=EXPR, the command evaluates them in order from the left.

#### Usage

Evaluate the [int("100")](https://docs.logpresso.com/en/query/int-function) function to convert the string to an integer and then assign it to the **num** field.

json "{}" | eval num = int("100")

Call the [typeof()](https://docs.logpresso.com/en/query/typeof-function) to assign the type of a specific value to the **type1**, **type2** field.

json "{}" | eval type1 = typeof("string"), type2 = typeof(100)

Sum up the field values

json "{}" | eval sent = 100, rcvd = 200, total = sent + rcvd

Assign the results of executing the [`concat("hello", ", world")`](https://docs.logpresso.com/en/query/concat-function) function to the **msg** field

json "{}" | eval msg = concat("hello", ", world")