### subarray()

Returns the subarray of a given array.

#### Syntax

subarray(ARRAY\_EXPR, INT\_START, [INT\_END])

**ARRAY\_EXPR**

Expression that retruns an array

**INT\_START**

Start index of the array to be sliced. Index numbers start from 0.

**INT\_END**

Last index of the array to be sliced. The element in the last index is not included in the subarray.

#### Description

Index of the array start from 0. If an array contains 5 elements, index numbers are 0, 1, 2, 3, 4 from left to right. You can also use negative number to index the elements. If an array contains 5 elements, index number is -5, -4, -3, -2, -1 from left to right.

#### Usage

Typical example usages.

json "{}" | eval parent=array(1, 2, 3, 4, 5) | eval child=subarray(parent, 2) | # Return value: parent: [1, 2, 3, 4, 5] child: [3, 4, 5]

json "{}" | eval arr=subarray(array(1, 2, 3, 4, 5), 2, 4) | # Return value: arr: [3, 4]

json "{}" | eval arr=subarray(array(1, 2, 3, 4, 5), 1, -1) | # Return value: arr: [2, 3, 4]

When INT\_START or INT\_END is specified outside valid range.

json "{}" | eval arr=subarray(array(1, 2, 3, 4, 5), 5) | # Return value: null

json "{}" | eval arr=subarray(array(1, 2, 3, 4, 5), 0, 5) | # Return value: arr: [1, 2, 3, 4, 5]