### valueof()

Returns the value at the location corresponding to a specific key or index in the array or composite object specified as a parameter

#### Syntax

valueof(COMPOUND\_OBJ\_EXPR, KEY\_EXPR)

Required Parameter

**COMPOUND\_OBJ\_EXPR**

Expression that returns a composite object such as an associative array or an array

**KEY\_EXPR**

Expression that points to a value at a specific location, such as a key string in an associative array or the index number of an array

#### Description

This function returns a value corresponding to a specific key in the associative array or the array. It returns null for the following exceptions:

1. When you provide an object other than an associative array or an array in a composite object expression
2. When the key of the associative array and the type of the key expression do not match
3. When the index number of the array and the type of key expression do not match

#### Usage

Extract the item number 2 from an array with three elements (the index number in the array starts from 0).

json "{}" | eval foods=array("Apple","Banana","Cucumber") | eval food=valueof(foods,2) => "Cucumber"

Extract an item with the key b from a map object.

json "{}" | eval foods=dict("a","Apple","b","Banana","c","Cucumber" ) | eval food = valueof(foods,"b") => "Banana"