{

"DeliveryMessage": {

"DeliveryMessageHeader": {

"DeliveryMessageNumber": "IF1291",

"DeliveryMessageDate": {

"Date": {

"Year": "2023",

"Month": "10",

"Day": "1"

},

"Time": "21:00:00"

},

"DeliveryMessageReference": "38836888",

"SenderParty": {

"PartyIdentifier": "USCR",

"NameAddress": {

"Name1": "Jillamy Packaging & \n Warehouse"

}

},

"ReceiverParty": {

"PartyIdentifier": "1.3.6.1.4.1.22206",

"NameAddress": {

"Name1": "Sample Customer"

}

},

"ShipToCharacteristics": {

"ShipToParty": {

"PartyIdentifier": "0000185214",

"NameAddress": {

"Name1": "Jillamy 160 New Britain Blvd Chalfont PA 18914 United States"

}

}

},

"DeliveryLeg": {

"DeliveryLegSequenceNumber": "1",

"DeliveryOrigin": {

"Date": {

"Year": "2023",

"Month": "10",

"Day": "1"

},

"Time": "21:00:00",

"LocationParty": {

"PartyIdentifier": "USCR",

"NameAddress": {

"Name1": "Jillamy Packaging & Warehouse"

}

}

},

"CarrierParty": {

"PartyIdentifier": "1000013124",

"NameAddress": {

"Name1": "MODE"

}

},

"TransportModeCharacteristics": {

"TransportModeCode": null,

"TransportModeText": null

},

"TransportVehicleCharacteristics": {

"TransportVehicleIdentifier": "FH1291TEST"

},

"DeliveryDestination": {

"Date": {

"Year": "2023",

"Month": "10",

"Day": "3"

},

"Time": "21:00:00",

"LocationParty": {

"PartyIdentifier": "0000185214",

"NameAddress": {

"Name1": "Jillamy 160 New Britain Blvd Chalfont PA 18914 United States"

}

}

},

"TransportUnitCharacteristics": {

"TransportUnitIdentifier": "38836888"

}

}

},

"DeliveryMessageLineItem": {

"DeliveryMessageLineItemNumber": "1",

"MillOrderNumber": "12835699",

"MillOrderLineItemNumber": "20",

"CallOffNumber": "0204470851",

"CallOffLineNumber": "000010",

"Product": {

"ProductIdentifier": "BPOB10-195-R",

"Paper": {

"PaperCharacteristics": {

"BasisWeight": {

"DetailValue": "195.0"

}

},

"Reel": {

"ReelConversionCharacteristics": {

"ReelWidth": "851.0" ,

"ReelDiameter": "1500.0"

}

}

}

},

"InventoryClass": null,

"NumberOfPackages": "5",

"Quantity": "4648" ,

"MillCharacteristics": {

"MillParty": {

"PartyIdentifier": "PHUS",

"NameAddress": {

"Name1": "Jillamy"

}

}

},

"PackageInformation": [

{

"Primary": "7919023310",

"Barcode": "79190233101863",

"ItemCount": "1",

"Quantity": "938.0"

},

{

"Primary": "7919023310",

"Barcode": "79190233101863",

"ItemCount": "1",

"Quantity": "938.0"

},

{

"Primary": "7919023310",

"Barcode": "79190233101863",

"ItemCount": "1",

"Quantity": "938.0"

},

{

"Primary": "7919023310",

"Barcode": "79190233101863",

"ItemCount": "1",

"Quantity": "938.0"

},

{

"Primary": "7919023310",

"Barcode": "79190233101863",

"ItemCount": "1",

"Quantity": "938.0"

}

],

"DeliveryMessageSummary": {

"TotalQuantity": "4648",

"TotalInformationalQuantity": "5"

}

}

}

}Dataweave

%dw 2.0

output application/json

import \* from dw::core::Arrays

var a = [

{

"name": "234"

},

{

"NAME": null

},

{

}

]

var b = {

"siri": " ",

"name": "1234"

}

---

a filter ((item, index) -> sizeOf(item) !=0)

//!isEmpty(b)

//info : ["1ABCD","DERS","ABC12","AB4C4E"] some((n) -> (if(n[0 to 2] == "ABC") true else false))

// filter ($.name != 0)

How to read file by using of the read function (it is having in the main resource in the any point studio)

=================================================

%dw 2.0

**output** **application/json**

**var** fileName= readUrl("classpath://data","application/json")

---

Filename

Converting json to xml

%dw 2.0

**output** **application/xml**

**var** fileName= readUrl("classpath://data","application/json")

---

“data”: {(filename)}

How to eliminate the files in the json format

=============================================

{

"original\_price": 1000.0,

"product\_id": 1,

"name": "Hp Pavilion laptop",

"offer\_valid\_until": "2016-06-27T10:45:56",

"description": "Hp Laptop ",

"brand\_name": "HP",

"offer\_price": 1000.0

}

%dw 2.0

output application/json

---

payload - "original\_price"

difference between flatten and flat map

FLOW THIS LINK <https://www.google.com/search?sca_esv=564954462&rlz=1C1JJTC_enIN1034IN1034&sxsrf=AM9HkKn1Whawa9z9kdaO9c-JqfnfbBI2fw:1694591989211&q=what+is+the+use+of+flatMap+in+the+dataweave&tbm=vid&source=lnms&sa=X&ved=2ahUKEwiIgbmMj6eBAxVYTGwGHSOFChoQ0pQJegQIPRAB&biw=1366&bih=643&dpr=1#fpstate=ive&vld=cid:46f08902,vid:HgZWIJbumjc,st:0>

With using map

%dw 2.0

output application/json

var myData = [{name:1},{name:2},{name:3}]

fun myExternalFunction(data)=

if(data.name == 1)

[]

else if(data.name == 2)

[{name: 3}, {name:5}]

else

[data]

---

//flatten(myData map ((item, index) -> myExternalFunction(item)))

myData map ((item, index) -> myExternalFunction(item))

output

[

[

],

[

{

"name": 3

},

{

"name": 5

}

],

[

{

"name": 3

}

]

]

With using the flatten and map

%dw 2.0

output application/json

var myData = [{name:1},{name:2},{name:3}]

fun myExternalFunction(data)=

if(data.name == 1)

[]

else if(data.name == 2)

[{name: 3}, {name:5}]

else

[data]

---

flatten(myData map ((item, index) -> myExternalFunction(item)))

//myData map ((item, index) -> myExternalFunction(item))

Output

[

{

"name": 3

},

{

"name": 5

},

{

"name": 3

}

]

Map+flatten = flattenmap

%dw 2.0

output application/json

var myData = [{name:1},{name:2},{name:3}]

fun myExternalFunction(data)=

if(data.name == 1)

[]

else if(data.name == 2)

[{name: 3}, {name:5}]

else

[data]

---

//flatten(myData map ((item, index) -> myExternalFunction(item)))

myData flatMap ((item, index) -> myExternalFunction(item))

output

[

{

"name": 3

},

{

"name": 5

},

{

"name": 3

}

]

<https://docs.mulesoft.com/dataweave/latest/dataweave-cookbook-extract-data#single_value> (mule docs with selector values)

More data weave expressions

Type like: udemy dataweave in the google

How to join group of elements in the array

{

"joinBy": [1,2,3,4] joinBy " "

}

rray: ["a","b","c","d"] reduce ((item, accumulator = " ") -> accumulator ++ item )

other expression:

input:

var payload1 = {

"id": [{

"md": "[678,890]"

}]

}

Need output like this:

[

{

"number": "678"

},

{

"number": "890"

}

]

Ans:

payload1.id flatMap ((item, index) -> using (in = read(item.md, "output application/json"))

in map (item,index) -> {

"number": item as String

})

Input

var MyData = [{

"name": 1

}, {

"name": 2

},{

"name": 20

}]

fun myExternalFunction(data): Array = if(data.name == 1) []

else if(data.name ==2) [{

"name": 10

}, {

"name": 23

}]

else [data]

dataweave expression

flatten((MyData map (item, index) -> myExternalFunction(item)))

MyData flatMap ((item, index) -> myExternalFunction(item))

MyData map ((item, index) -> myExternalFunction(item))

MyData map ((item, index) -> item)

**Coercions**

The Coercions it is trying to convert the one format to another format

%dw 2.0

output application/json

import \* from dw::util::Coercions

---

{siri: ["m","u","l","e"] joinBy "",

siri: toString(["siri","sande"]),

k: toString(|2022-06-15|,"MM-dd-uuuu"),

k1: typeOf(("https://dev.azure.com/ssande0173/maths-operation/\_build/results?buildId=68&view=results" as Uri)),

f1: toString([]),

f1: toArray(" "),

f1: toBoolean("tRue"),// not having any care sensitive

f1: toDate("2022-06-15")

}

Output

{

"siri": "mule",

"siri": "sirisande",

"k": "06-15-2022",

"k1": "Uri",

"f1": "",

"f1": [

" "

],

"f1": true,

"f1": "2022-06-15"

}

Scan function in the dataweave

For more explanation follow this link

<https://docs.mulesoft.com/dataweave/2.4/dw-core-functions-scan>

%dw 2.0

output application/json

---

flatten("www.mathomathis.com" scan(/([w]\*).([a-y]\*).([a-z]\*)/))

output

[

"www.mathomathis.com",

"www",

"mathomathis",

"com"

]

Read function in the dataweave

%dw 2.0

var a = read("

<students>

<student>

<name>siri</name>

<rollNo>123</rollNo>

</student>

<student>

<name>siri1</name>

<rollNo>123</rollNo>

</student>

<student>

<name></name>

<rollNo></rollNo>

</student>

</students>","application/xml")

output application/xml skipNullOn="elements"

---

// flatten("www.mathomathis.com" scan(/([w]\*).([a-y]\*).([a-z]\*)/))

a

**melty selector**

%dw 2.0

var a = read("

<students>

<student>

<name>siri</name>

<name>siri1</name>

</student>

<student>

<name>siri2</name>

<name>siri3</name>

</student>

</students>","application/xml")

output application/json skipNullOn="elements"

dataweave expression

step 1: a.students.student.name it is gives in the first values in the xml file

step2: a.students.\*student.name which is gives values of first index (means consider we have 3 object in the array, which gives first values from each object)

step3: a.students.student.\*name which is gives values of first object

step4: a.students.\*student.\*name which is gives overall values in the array

group by

step 1:

%dw 2.0

var a = [{

"name": "siri",

"num": 100

},{

"name": "siri1",

"num": 100

},{

"name": "siri",

"num": 101

}]

---

a groupBy ((item, index) -> item.num)

step2:

it is group for all the number in the object

output

{

"numbers": [

100,

100,

101

]

}

Zip function

**zip<T, R>(left: Array<T>, right: Array<R>): Array<Array<T | R>>**

Merges elements from two arrays into an array of arrays.

The first sub-array in the output array contains the first indices of the input sub-arrays. The second index contains the second indices of the inputs, the third contains the third indices, and so on for every case where there are the same number of indices in the arrays.

For more explanation follow this link

<https://docs.mulesoft.com/dataweave/2.4/dw-core-functions-zip>

dataweave expression

step 1:

%dw 2.0

var a1= [1,2,3,4]

var a2= ["a","b","c","d"]

output application/json

---

a1 zip a2

output

[

[

1,

"a"

],

[

2,

"b"

],

[

3,

"c"

],

[

4,

"d"

]

]

Step2:

output application/json

var a3 = [

{

"k1": "8",

"k2": "9",

"k3": {

"k11": [1,2,3,4],

"k22": ["a","b","c","d"]

}

}

]

---

a3.k3 map {

"siri": $.k11 zip $.k22

}

Output

[

{

"siri": [

[

1,

"a"

],

[

2,

"b"

],

[

3,

"c"

],

[

4,

"d"

]

]

}

]

Or

flatten(a3.k3 map ((item, index) -> item.k11 zip item.k22 ))

Output

[

[

1,

"a"

],

[

2,

"b"

],

[

3,

"c"

],

[

4,

"d"

]

]

**Unzip**

Performs the opposite of zip. It takes an array of arrays as input.

The function groups the values of the input sub-arrays by matching indices, and it outputs new sub-arrays with the values of those matching indices. No sub-arrays are produced for unmatching indices. For example, if one input sub-array contains four elements (indices 0-3) and another only contains three (indices 0-2), the function will not produce a sub-array for the value at index 3.

More explanation follow this link

<https://docs.mulesoft.com/dataweave/2.4/dw-core-functions-unzip>

ex:

output application/json

var a3 = [

{

"k1": "8",

"k2": "9",

"k3": {

"k11": [1,2,3,4],

"k22": ["a","b","c","d"]

}

}

]

---

// a3.k3 map {

// "siri": $.k11 zip $.k22

// }

flatten(a3.k3 map ((item, index) -> unzip(item.k11 zip item.k22) ))

output

[

[

1,

2,

3,

4

],

[

"a",

"b",

"c",

"d"

]

]

Melty value selector

{

"k1": "india",

"k2": "nepal",

"k1": "chaina",

"k1": "usa"

}

Dataweave expression

Step 1:

payload.k1 this expression not gives all the k1 keys

output is

"india"

Step 2:

payload.k1 this expression gives all the k1 keys(this selector gives output in the array format)

output

[

"india",

"chaina",

"usa"

]

%dw 2.0

import dw::core::Strings

output application/json

fun toUser1(obj) = {

firstName: obj.field1,

lastName: obj.field2

}

var toUser = (user) -> {

firstName: user.field1,

lastName: user.field2

}

var names = ["john", "peter", "matt"]

---

{ 'plural': Strings::pluralize("box"),

"user" : toUser1(payload),

"user" : toUser(payload) ,

users: names map((name) -> upper(name)),

users: names map upper($)}

%dw 2.0

import dw::core::Strings

output application/json

fun toUser1(obj) = {

firstName: obj.field1,

lastName: obj.field2

}

var toUser = (user) -> {

firstName: user.field1,

lastName: user.field2

}

var names = ["john", "peter", "matt"]

---

{ 'plural': Strings::pluralize("box"),

"user" : toUser1(payload),

"user" : toUser(payload) ,

users: names map((name) -> upper(name)),

users: names map upper($)}

.

Dataweave expression link

<https://javastreets.com/blog/dataweave/mule-dataweave-2-writer-properties-json.html#_2_1_compact_output>

<https://javastreets.com/blog/dataweave/mule-dataweave-2-writer-properties-json.html#_2_1_compact_output>

dataweave expression

<?xml version="1.0" encoding="UTF-8"?>

<planets>

    <planet id="1">

<name>Mercury</name>

<diameter>4880</diameter>

</planet>

    <planet id="2">

<name>Venus</name>

<diameter>12103.6</diameter>

</planet>

    <planet id="3">

<name>Earth</name>

<orbit>149600000</orbit>

</planet>

</planets>

Dataweave code

%dw 2.0

output application/json

---

payload.\*planets.\*planet map ((item, index) -> {

name: item.name,

"D": item.diameter

})

Output

[

{

"name": "Mercury",

"D": "4880"

},

{

"name": "Venus",

"D": "12103.6"

},

{

"name": "Earth",

"D": null

}

]

Ex: 2

%dw 2.0

output application/json indent=false

---

// payload.\*planets.\*planet map ((item, index) -> {

// name: item.name,

// "D": item.diameter

// })

(1 to 30) map {

name: "name " ++ $

}

Output

[{"name": "name 1"},{"name": "name 2"},{"name": "name 3"},{"name": "name 4"},{"name": "name 5"},{"name": "name 6"},{"name": "name 7"},{"name": "name 8"},{"name": "name 9"},{"name": "name 10"},{"name": "name 11"},{"name": "name 12"},{"name": "name 13"},{"name": "name 14"},{"name": "name 15"},{"name": "name 16"},{"name": "name 17"},{"name": "name 18"},{"name": "name 19"},{"name": "name 20"},{"name": "name 21"},{"name": "name 22"},{"name": "name 23"},{"name": "name 24"},{"name": "name 25"},{"name": "name 26"},{"name": "name 27"},{"name": "name 28"},{"name": "name 29"},{"name": "name 30"}]

Eliminate empty array not array of objects

<?xml version="1.0" encoding="UTF-8"?>

<planets>

    <planet id="1">

<name>Mercury</name>

<diameter>4880</diameter>

</planet>

    <planet id="2">

<name>Venus</name>

<diameter>12103.6</diameter>

</planet>

    <planet id="3">

<name>Earth</name>

<orbit>149600000</orbit>

</planet>

</planets>

Dataweave expression

%dw 2.0

output application/json skipNullOn="arrays"

---

payload.planets.\*planet map ((item, index) -> {

name: item.name

}) ++ [null]

Eliminate null object

<?xml version="1.0" encoding="UTF-8"?>

<planets>

<planet id="1">

<name>Mercury</name>

<diameter>4880</diameter>

</planet>

<planet id="2">

<name>Venus</name>

<diameter>12103.6</diameter>

</planet>

<planet id="3">

<name></name>

<orbit>149600000</orbit>

</planet>

</planets>

Dataweave expression

%dw 2.0

output application/json skipNullOn="objects"

---

payload.planets.\*planet map ((item, index) -> {

name: item.name,

dummy: null

}) ++ [ null ]

Output

[

{

"name": "Mercury"

},

{

"name": "Venus"

},

{

},

null

]

### Handling Duplicate Keys

<?xml version="1.0" encoding="UTF-8"?>

<planets>

<planet id="1">

<name>Mercury</name>

<diameter>4880</diameter>

</planet>

<planet id="2">

<name>Venus</name>

<diameter>12103.6</diameter>

</planet>

<planet id="3">

<name>Earth</name>

<orbit>149600000</orbit>

</planet>

</planets

Dataweave expression

%dw 2.0

output application/json

---

payload

output

{

"planets": {

"planet": {

"name": "Mercury",

"diameter": "4880"

},

"planet": {

"name": "Venus",

"diameter": "12103.6"

},

"planet": {

"name": "Earth",

"orbit": "149600000"

}

}

} this are duplicate keys

NoW HANDLE that duplicate key

<?xml version="1.0" encoding="UTF-8"?>

<planets>

    <planet id="1">

<name>Mercury</name>

<diameter>4880</diameter>

</planet>

    <planet id="2">

<name>Venus</name>

<diameter>12103.6</diameter>

</planet>

    <planet id="3">

<name>siri</name>

<orbit>149600000</orbit>

</planet>

</planets>

Dataweave expression

%dw 2.0

output application/json duplicateKeyAsArray=true, indent=false

---

payload

output

{"planets": {"planet": [{"name": "Mercury","diameter": "4880"},{"name": "Venus","diameter": "12103.6"},{"name": "siri","orbit": "149600000"}]}}

### Writing key attributes

<?xml version="1.0" encoding="UTF-8"?>

<planets>

    <planet id="1">

<name>Mercury</name>

<diameter>4880</diameter>

</planet>

    <planet id="2">

<name>Venus</name>

<diameter>12103.6</diameter>

</planet>

    <planet id="3">

<name>siri</name>

<orbit>149600000</orbit>

</planet>

</planets>

Dataweave expression

%dw 2.0

output application/json writeAttributes=true

---

payload.\*planets

ENCODE

<?xml version="1.0" encoding="UTF-8"?>

<planets>

    <planet id="1">

<name>@efvfer\*EΕρμής</name>

<diameter>4880</diameter>

</planet>

</planets>

DATAWEAVE EXPPRESSION

%dw 2.0

output application/json encoding="ASCII"

---

payload

OUTPUT

{

"planets": {

"planet": {

"name": "@efvfer\*E?????",

"diameter": "4880"

}

}

}

Xml

<Books:myns xmlns:Books="http://training.mulesoft.com/Books">

<bookstore>

<book category="COOKING">

<title lang="en">Everyday Italian</title>

<author>Giada De Laurentiis</author>

<year>2005</year>

<price>30.00</price>

</book>

<book category="CHILDREN">

<title lang="en">Harry Potter</title>

<author>J K. Rowling</author>

<year>2005</year>

<price>29.99</price>

</book>

<book category="WEB">

<title lang="en">Learning XML</title>

<author>Erik T. Ray</author>

<year>2003</year>

<price>39.95</price>

</book>

</bookstore>

</Books:myns>

Dataweave expression

%dw 2.0

output application/json writeAttributes= true, duplicateKeyAsArray= true, indent = false

var a= payload.myns.\*bookstore

---

flatten(a map $.\*book)

output

[{"title": {"@lang": "en","\_\_text": "Everyday Italian"},"author": "Giada De Laurentiis","year": "2005","price": "30.00"},{"title": {"@lang": "en","\_\_text": "Harry Potter"},"author": "J K. Rowling","year": "2005","price": "29.99"},{"title": {"@lang": "en","\_\_text": "Learning XML"},"author": "Erik T. Ray","year": "2003","price": "39.95"}]

Example

[

{

"id": 1,

"value": 10,

"count1": true

},

{

"id": 2,

"value": 20,

"count1": false

},

{

"id": 3,

"value": 7,

"count1": false

},

{

"id": 4,

"value": 5,

"count1": true

}

]

Dataweave expression

%dw 2.0

output application/json

---

payload reduce ((item, acc=0) -> acc +

if (item.count1) item.value

else 0

)

Where is the equals condition here (item.count1)

Output

15

Mask function in the data weave………… fallow this link

https://docs.mulesoft.com/dataweave/2.4/dw-values-functions-update

update function

ex:

%dw 2.0  
output application/json  
---  
flatten(payload)  map (  
    $ update {  
        case GENERICATTRIBUTE32 at .GENERICATTRIBUTE32-> p('secure::fileName.TXSTA') ++ vars.fileName  
        }

        )

Dataweave

%dw 2.0

output application/json

var a = 1 to 100

---

a filter (

$ >= 2 and $ <= 30

)

Dataweave

%dw 2.0  
output application/json  
var compKey = payload map {  
    "id": "'" ++ $.profileId ++ $.addressId ++ "'"  
}  
---

"select CONCAT(profileId,addressId) as uniqueKey from opera.profileAddressMap where CONCAT(profileId,addressId) IN" ++ " (" ++ (compKey.id  joinBy ",") ++ ")"

Dataweave

%dw 2.0  
output application/java  
---  
"update opera.profileAddressMap set primaryInd =:primaryInd where CONCAT(profileId,addressId) =:uniqueKey"

Dataweave

"reservationId": (joinBy($.reservationIdList map (if($."type" == 'Reservation') $.id else ' '), '')),  
"ConfirmationNumber": joinBy($.reservationIdList map (if($."type" == 'Confirmation') $.id else ''), ' '),  
"cancellationId": (joinBy($.reservationIdList map (if($."type" == 'Cancellation') $.id else ''), ' ')),

Dataweave

Question:

/\*

Adjusting pagination offset based on input size and total count.

​\*/

{

"size": 100,

"offset": 0,

"totalCount" : 550

}

Need output

[

{

"offset": 0

},

{

"offset": 100

},

{

"offset": 200

},

{

"offset": 300

},

{

"offset": 400

},

{

"offset": 500

}

]

Dataweave expression

// (((payload.offset/payload.size)) to ((payload.totalCount-1)/payload.size)) map {

// "offset": ($\* payload.size)

// }

payload.offset/payload.size to payload.totalCount/payload.size map {

"offset": $ \* payload.size

}

Dataweave

%dw 2.0

output application/json skipNullOn = "everywhere"

---

payload map {

result : (sizeOf(valuesOf($.subjects) - "NA" filter($ < 40)) > 0)

or (valuesOf($.subjects) contains "NA")

}

%dw 2.0

output application/json

---

(payload pluck ((value, key, index) -> (key) : value) )[0]

%dw 2.0

output application/json skipNullOn = "everywhere"

---

payload map {

"id": $.id,

"name": $.name,

"gender": $.gender,

"department": $.department,

result : ($.subjects filterObject ($ == "NA" or $ < 40))

}

%dw 2.0

output application/json skipNullOn = "everywhere"

---

payload map {

"id": $.id,

"name": $.name,

"gender": $.gender,

"department": $.department,

result : $.subjects filterObject ($ == "NA" or $ < 40)

}

Dataweave

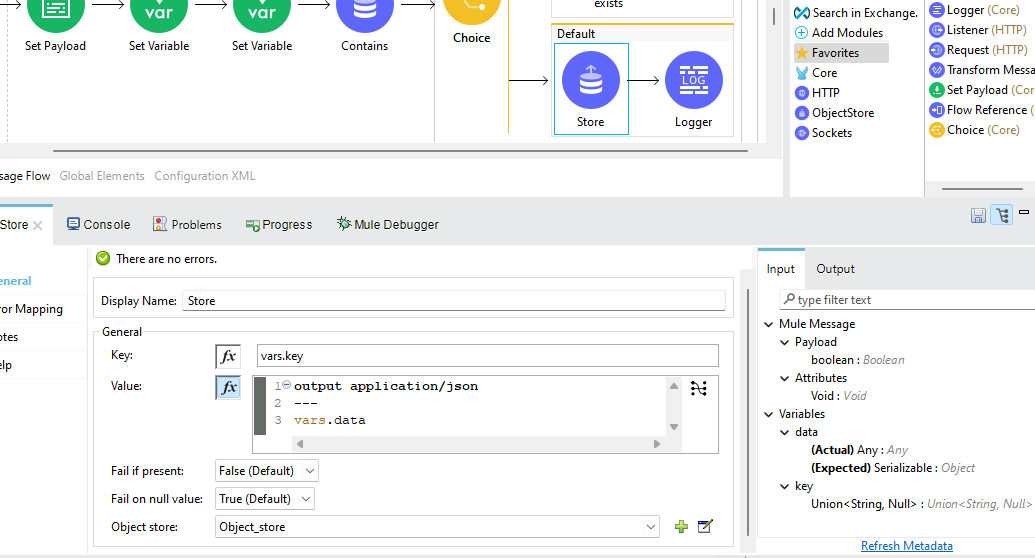
<https://www.prostdev.com/post/dataweave-2-0-core-functions-cheatsheet>

<https://docs.mulesoft.com/dataweave/2.5/dw-strings-functions-replaceall>

TIC-TAK-TOC game

<https://github.com/sravanlingam/mule-tic-tac-toe>

object store



Fail if present:

Default this is false , when the key is presenting in the object stored , again we need to update values with same key it is allows , it is don’t give any error

Manually true: when the key is presenting in the object stored , again we need to update values with same key it is not allows , it is gives error

Fail on null values:

Default this is true: it is don’t allow the null values, it is gives an error

False: it is allow the null values, it is not gives error. But which not stored in the object stored

# **distinct By**

input

[

{

"name": 3,

"name1": 6,

"name": 3

},

{

"name": 3,

"name1": 6,

"name": 3

}

]

Output

[

{

"name": 3,

"name1": 6,

"name": 3

}

]

dataweave expression

%dw 2.0

output application/json

---

// payload distinctBy keysOf($)

payload distinctBy $

dataweave

%dw 2.0

output application/json

---

{a : "b", a : "b", A : "b", a : "B"} distinctBy (value) -> { "unique" : value }

Dataweave

<book>

<title> "XQuery Kick Start"</title>

<author>James Linn</author>

<author>Per Bothner</author>

<author>James McGovern</author>

<author>James McGovern</author>

<author>James McGovern</author>

</book>

Output

<?xml version='1.0' encoding='UTF-8'?>

<book>

<title> "XQuery Kick Start"</title>

<authors>James Linn</authors>

<authors>Per Bothner</authors>

<authors>James McGovern</authors>

</book>

And

<?xml version='1.0' encoding='UTF-8'?>

<book>

<title> "XQuery Kick Start"</title>

<authors>

<author>James Linn</author>

<author>Per Bothner</author>

<author>James McGovern</author>

</authors>

</book>

Dataweave expression

%dw 2.0

output application/xml

---

{

book : {

title : payload.book.title,

authors: payload.book.\*author distinctBy $

}

}

And

%dw 2.0

output application/xml

---

{

book : {

title : payload.book.title,

authors: payload.book.&author distinctBy $

}

}

Eliminate multiple roots

%dw 2.0

output application/xml

var a = [2,4,5,6]

---

root: root1: a map ($)

dataweave

[

{

"user": {

"name": "123",

"lastName": "Smith"

},

"error": "That name doesn't exists"

},

{

"user": {

"name": "John",

"lastName": "Johnson"

},

"error": null

}

]

Output

[

{

"name": "John",

"lastName": "Johnson"

}

]

Dataweave expression

%dw 2.0

output application/json skipNullOn= "everywhere"

---

users filter ((item, index) -> item.error != null)

then ((result) -> result.user )

and

users map (

if($.error == null) $.user else null

)

Dataweave

%dw 2.0

var myDateTime1 = "2017-10-01T22:57:59-03:00"

var myDateTime2 = "2018-10-01T23:57:59-03:00"

output application/json

---

{

myMaxBy: {

byDateTime: [ myDateTime1, myDateTime2 ] maxBy ((item) -> item),

byDate: [ myDateTime1 as Date, myDateTime2 as Date ] maxBy ((item) -> item),

byTime: [ myDateTime1 as Time, myDateTime2 as Time ] maxBy ((item) -> item),

emptyArray: [] maxBy ((item) -> item)

}

}

joinBy

"select emp\_id as uniqueKey from employee\_data.employee where emp\_id IN ( " ++ (a.emp joinBy(",")) ++ " )"

Dataweave

[

{"id": "1", "name": "dev"},

{"id": "2", "name": "test"},

{"id": "3", "name": "uat"},

{"id": "4", "name": "prod"}

]

Output

{

"dev": "1",

"test": "2",

"uat": "3",

"prod": "4"

}

Dataweave expression

%dw 2.0

output application/json

---

payload reduce ((item, acc = {}) -> acc ++ (( { (item.name) : ( item.id ) } )))

%dw 2.0

import \* from dw::core::Strings

output application/json

---

{

output1: ("\_ is fun and \_ is interesting") mapString if ($ == "\_") "Dataweave" else $,

output2 : ("Password") mapString '\*'

}

Dataweave

Input

-----

[

1,

2,

3

]

Output

[

{

"number": 1,

"type": "odd"

},

{

"number": 2,

"type": "even"

},

{

"number": 3,

"type": "odd"

}

]

Dataweave expression

%dw 2.0

output application/json

---

payload map {

number: $,

"type": if (isEven($)) "even" else "odd"

}

Dataweave

[

"Josh",

"Max",

"Alex",

"Dave"

]

Output

[

{

"1": "Josh",

"0": "Josh",

"index": "Josh",

"index": "value"

},

{

"2": "Max",

"1": "Max",

"index": "Max",

"index": "value"

},

{

"3": "Alex",

"2": "Alex",

"index": "Alex",

"index": "value"

},

{

"4": "Dave",

"3": "Dave",

"index": "Dave",

"index": "value"

}

]

Dataweave expression

%dw 2.0

output application/json

---

payload map ((value, index) -> {

(index + 1): value,

(index): (value),

index: value,

"index": "value"

})

Dataweave

Input

[

"Josh",

"Max",

"Alex",

15

]

Output

[

{

"1": "Josh",

"0": "Josh",

"0": "Josh",

"$$": "$"

},

{

"2": "Max",

"1": "Max",

"1": "Max",

"$$": "$"

},

{

"3": "Alex",

"2": "Alex",

"2": "Alex",

"$$": "$"

},

{

"4": 15,

"3": 15,

"3": "15",

"$$": "$"

}

]

Dataweave expression

%dw 2.0

output application/json

---

payload map {

($$ + 1): $,

($$): ($),

"$$": "$",

"\$\$": "\$"

}

Dataweave

Update operator

{

"data" : {

"addresses" : null

}

}

Output

{

"data": {

"addresses": ""

}

}

Dataweave expression

%dw 2.0

output application/json

---

payload update

{

case .data.addresses -> (if (payload.data.addresses != null) payload.data.addresses else "")

}

Dataweave link

<https://dzone.com/articles/dataweave-240-newly-added-functions-in-dwcorestrin>

<https://docs.mulesoft.com/dataweave/2.5/dw-strings-functions-replaceall>

reduced function link

<https://dzone.com/articles/dataweave-effective-use-of-reduce-operator-part-2>

remove

%dw 2.0

import \* from dw::core::Strings

output application/json

---

"lazyness purity state higher-order stateful" remove "state"

Output

"lazyness purity higher-order ful"

Repeat

%dw 2.0

import \* from dw::core::Strings

output application/json

---

{

"a": repeat("e", 0),

"b": repeat("siri ", 100),

"c": repeat("e", -1)

}

Output

{

"a": "",

"b": "siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri siri ",

"c": ""

}

Reverse

%dw 2.0

import \* from dw::core::Strings

output application/json

---

{

a: reverse("Mariano"),

b: reverse(null),

c: reverse("")

}

Output

{

"a": "onairaM",

"b": null,

"c": ""

}

rightPad

%dw 2.0

import \* from dw::core::Strings

output application/json

---

{

"a": rightPad(null, 3),

"b": rightPad("", 3),

"c": rightPad("bat", 5),

"d": rightPad("bat", 2),

"e": rightPad("bat", -1)

}

Output

{

"a": null,

"b": " ",

"c": "bat ",

"d": "bat",

"e": "bat"

}

substringAfter

%dw 2.0

import \* from dw::core::Strings

output application/json

---

{

"a": substringAfter(null, "'"),

"b": substringAfter("", "-"),

"c": substringAfter("abc", "b"),

"d": substringAfter("abcba", "b"),

"e": substringAfter("abc", "d"),

"f": substringAfter("abc", "")

}

Output

{

"a": null,

"b": "",

"c": "c",

"d": "cba",

"e": "",

"f": "bc"

}

Dataweave

withMaxSize

%dw 2.0

import withMaxSize from dw::core::Strings

output application/json

---

{

a: "123" withMaxSize 10,

b: "123" withMaxSize 3,

c: "123" withMaxSize 2,

d: "123" withMaxSize 0,

e: null withMaxSize 23,

}

Output

{

"a": "123",

"b": "123",

"c": "12",

"d": "123",

"e": null

}

Dataweave function with reduce

1………["A","B","C","D","E","F","G","H"]

Dataweave expression

%dw 2.0

output application/json

---

payload reduce ((character,acc= "") -> acc ++ character )

output

"ABCDEFGH"

2….input

[{

"ClubID": "A1234",

"Name": "Barcelona FC",

"Country": "Spain"

}, {

"ClubID": "B1234",

"Name": "Chelsea FC",

"Country": "Spain"

}, {

"ClubID": "C1234",

"Name": "Arsenal FC",

"Country": "Englanda"

}]

Dataweave expresion

%dw 2.0

output application/json

---

payload reduce (val, acc = {}) -> acc ++ { (val.ClubID) : ( val.Name ) }

output

{

"A1234": "Barcelona FC",

"B1234": "Chelsea FC",

"C1234": "Arsenal FC"

}

Dataweave

[{

"ClubID": "A1234",

"Name": "Barcelona FC",

"Country": "Spain"

}, {

"ClubID": "B1234",

"Name": "Chelsea FC",

"Country": "Spain"

}, {

"ClubID": "C1234",

"Name": "Arsenal FC",

"Country": "Englanda"

}]

Dataweave expression

%dw 2.0

output application/json

---

payload reduce ((val, acc = {}) -> acc ++ { (val.Country) : ( val - "Country" ) } )

output

{

"Spain": {

"ClubID": "A1234",

"Name": "Barcelona FC"

},

"Spain": {

"ClubID": "B1234",

"Name": "Chelsea FC"

},

"Englanda": {

"ClubID": "C1234",

"Name": "Arsenal FC"

}

}

dataweave

<https://dzone.com/articles/dataweave-effective-use-of-reduce-operator-part-2>

dataweave

%dw 2.0

import \* from dw::core::Strings

output application/json

---

{

"Output1" : collapse("This is a test"),

"Output2" : collapse("access")

}

Output

{

"Output1": [

"T",

"h",

"i",

"s",

" ",

"i",

"s",

" ",

"a",

" ",

"t",

"e",

"s",

"t"

],

"Output2": [

"a",

"cc",

"e",

"ss"

]

}

Dataweave expression

%dw 2.0

import \* from dw::core::Strings

output application/json

---

{

"StringLength" : sizeOf("Address is 123-ABC Street"),

"Alphabet Count" : "Address is 123-ABC Street" countCharactersBy isAlpha($),

"Number Count" : "Address is 123-ABC Street" countCharactersBy isNumeric($),

"AplhaNumberic Count" : "Address is 123-ABC Street" countCharactersBy isAlphanumeric($),

"Whitespace Count" : "Address is 123-ABC Street" countCharactersBy isWhitespace($)

}

Output

{

"StringLength": 25,

"Alphabet Count": 18,

"Number Count": 3,

"AplhaNumberic Count": 21,

"Whitespace Count": 3

}

Dataweave link

<https://dzone.com/articles/dataweave-240-newly-added-functions-in-dwcorestrin>

## c****ountMatches****

This function counts the number of times a pattern appears in a string.

Dataweave expression

%dw 2.0

import \* from dw::core::Strings

output application/json

---

{

"Output1" : "Dataweave is fun, Dataweave is interesting!" countMatches "is",

}

Output

{

"Output1": 2

}

Dataweave link

<https://dzone.com/articles/dataweave-240-newly-added-functions-in-dwcorestrin>

data weave update function

[{

"data" : {

"addresses" : null

}

},

{

"data" : {

"addresses" : "shirisha"

}

}

]

Dataweave expression

%dw 2.0

output application/json

---

payload.data map (

    $ update {

        case addresses at .addresses->"me"

        }

        )

Output

[

{

"addresses": "me"

},

{

"addresses": "me"

}

]

How to find odd number and even numbers in the dataweave expression

Step1: Input

[0,1,2,3,4,5,6,7,8,9]

Dataweave expression

%dw 2.0

output application/json

---

{

"evenNumber": payload filter ((item, index) -> isEven(item) ),

"oddNumbers": payload filter ((item, index) -> isOdd(item) )

}

(Or)

{

"evenNumber": payload filter ((item, index) -> ((item mod 2) == 0)),

"OddNumber": payload filter ((item, index) -> ((item mod 2) != 0)) }

(OR)

{  
"Even": payload filter (($ mod 2)==0),  
"Odd": payload filter !(($ mod 2)==0)  
}

Output

{

"evenNumber": [

0,

2,

4,

6,

8

],

"OddNumber": [

1,

3,

5,

7,

9

]

}

Step 2

Dataweave expression in the Boolean

[0,1,2,3,4,5,6,7,8,9]

Dataweave expression

payload map {

"number": isEven($),

"number": isOdd($)

}

Output

[

{

"number": true,

"number": false

},

{

"number": false,

"number": true

},

{

"number": true,

"number": false

},

{

"number": false,

"number": true

},

{

"number": true,

"number": false

},

{

"number": false,

"number": true

},

{

"number": true,

"number": false

},

{

"number": false,

"number": true

},

{

"number": true,

"number": false

},

{

"number": false,

"number": true

}

]

**Interchange Key- Value in an object**

[

{

"message1":"Hello World"

},

{

"message2":"Hello Shubham"

}

]

Dataweave expression

%dw 2.0

output application/json

---

payload map ((item, index) ->

item mapObject(v,k,n)-> {

(v) : k

}

)

**Reverse the character of a Sentence**

{

"Reverse": "Dataweave 2.0 is Cool shirisha"

}

Dataweave expression

%dw 2.0

output application/json

//import \* from dw::core::Strings

---

(payload.Reverse )[-1 to 0]

or

//reverse(payload.Reverse)

**Reverse the word of a Sentence**

{

"Reverse": "Dataweave 2.0 is Cool shirisha"

}

Dataweave expression

%dw 2.0

output application/json

//import \* from dw::core::Strings

---

(payload.Reverse splitBy(' '))[-1 to 0] joinBy(' ')

Output

"shirisha Cool is 2.0 Dataweave"

Reverse of word in the sentence with map

[{

"Reverse": "Dataweave 2.0 is Cool shirisha"

},

{

"Reverse": "Dataweave 2.0 Cool shirisha"

}]

Dataweave expression

%dw 2.0

output application/json

---

payload map {

"me": ($.Reverse splitBy (' ')) [-1 to 0] joinBy (' ')

}

Output

[

{

"me": "shirisha Cool is 2.0 Dataweave"

},

{

"me": "shirisha Cool 2.0 Dataweave"

}

]

**Reverse the character of a Sentence with map**

[{

"Reverse": "Dataweave 2.0 is Cool shirisha"

},

{

"Reverse": "Dataweave 2.0 Cool shirisha"

}]

Dataweave expression

%dw 2.0

output application/json

---

payload map {

"me": $.Reverse [-1 to 0]

}

(or)

%dw 2.0

output application/json

import \* from dw::core::Strings

---

payload map {

"me": reverse($.Reverse)

}

Output

[

{

"me": "ahsirihs looC si 0.2 evaewataD"

},

{

"me": "ahsirihs looC 0.2 evaewataD"

}

]

**Print Last x characters of a number or String**

[

{

"num":"000147"

},

{

"num":"100297"

},

]

Dataweave expression

%dw 2.0

output application/json

import \* from dw::core::Strings

---

payload map {

"number": $.num last 3

}

Or

import last from dw::core::Strings  
 - -  
payload map(v,k)-> (num: v.num last 3)

output

[

{

"number": "147"

},

{

"number": "297"

}

]

**Count the Number of Characters in a String**

**Step1: Input**

[

{

"num":"000147siri"

},

{

"num":"100297me"

},

]

Dataweave expression

%dw 2.0

output application/json

import \* from dw::core::Strings

---

payload map {

"number": $.num countCharactersBy isAlpha($)

}

Output

[

{

"number": 4

},

{

"number": 2

}

]

Step2:

{

"num":"000147siri"

}

Dataweave expression

%dw 2.0

output application/json

import \* from dw::core::Strings

---

payload.num countCharactersBy isAlpha($)

output

4

**Step: Hamming Distance:-** The Hamming distance between two equal-length strings of symbols is the number of positions at which the corresponding symbols are different

[{

"hola":"bola"

}

{

"chao":"figo"

}

]

Dataweave expression

%dw 2.0

output application/json

import \* from dw::core::Strings

---

payload map{

($ mapObject {

"Hamming Distance": $$ hammingDistance $

})

}

Output

[

{

"Hamming Distance": 1

},

{

"Hamming Distance": 3

}

]

**Array to Object**

["a:b","c:d","siri: shiri"]

Dataweave expression

%dw 2.0

output application/json

---

payload map(

(($ splitBy ":")[0]) : (($ splitBy ":")[1])

)

Output

[

{

"a": "b"

},

{

"c": "d"

},

{

"siri": " shiri"

}

]

Dataweave expression

[{

"ID": "A",

"name": "123",

"bossID": "C"

},

{

"ID": "B",

"name": "345",

"bossID": "D"

},

{

"ID": "C",

"name": "456",

"bossID": "B"

},

{

"ID": "D",

"name": "789",

"bossID": "C"

}]

Dataweave expression

%dw 2.0

output application/json

---

payload map (item, index)->{

"name": item.name,

"id": (payload filter $.ID == item.bossID).name[0]

}

Output

[

{

"name": "123",

"id": "456"

},

{

"name": "345",

"id": "789"

},

{

"name": "456",

"id": "345"

},

{

"name": "789",

"id": "456"

}

]

**substringAfter**

Dataweave expression

{

"AU": ["PROD-202100BG12",

"PROD-202100BG12",

"PROD-202000BG12",

"PROD-201900BG12"]

}

Dataweave expression

%dw 2.0

output application/json

import \* from dw::core::Strings

---

payload.AU groupBy ((item, index) -> substringAfter(item,"-")[0 to 3])

output

{

"2021": [

"PROD-202100BG12",

"PROD-202100BG12"

],

"2020": [

"PROD-202000BG12"

],

"2019": [

"PROD-201900BG12"

]

}

Dataweave

[

{

"name": "abc",

"city" : "hyd"

},

{

"name": "xyz",

"city" : "delhi"

},

{

"name": "abc1",

"city" : "hyd"

}

]

Dataweave expression

%dw 2.0

output application/json

---

(payload filter $.city=="hyd").name joinBy (",")

Output

"abc,abc1"

Best website for dataweave

https://medium.com/@myid535/dataweave-series-part-1-715219e0ff3b

dataweave expression

{

"string":"12shubham245fc"

}

Dataweave expression

%dw 2.0

output application/json

import \* from dw::core::Strings

---

payload.string countCharactersBy isNumeric($)

output

5

Dataweave code – eliminate duplicates words in the array

{

"name": "abhi bhim cat dog cat enton a bhi fom"

}

Dataweave expression

%dw 2.0

output application/json

---

payload.name splitBy (' ') distinctBy $

output

[

"abhi",

"bhim",

"cat",

"dog",

"enton",

"fom"

]

Dataweave – eliminate fields in the arrya

{

"fname":"a",

"lname":"b",

"age":"23"

}

Dataweave expression

%dw 2.0

output application/json

---

payload -"fname" -"lname"

output

{

"age": "23"

}

**Filter out blank fields from an array**

**Input object**

{

"arrivalDateTime": "",

"cabin": {},

"fareComponent": [],

"flightNumber": "3234"

}

Dataweave expression

%dw 2.0

output application/json

---

payload filterObject ((value, key, index) -> sizeOf(value)!=0)

ouput

{

"flightNumber": "3234"

}

Step2

Input is map

[

{

"arrivalDateTime": "",

"cabin": {},

"fareComponent": [],

"flightNumber": "3234"

},

{

"arrivalDateTime": "",

"cabin": {},

"fareComponent": [],

"flightNumber": "3234"

}

]

Dataweave expression

%dw 2.0

output application/json

---

payload map(

$ filterObject ((value, key, index) -> sizeOf(value)!=0)

)

Output

[

{

"flightNumber": "3234"

},

{

"flightNumber": "3234"

}

]

**Assign Incremental Key to fields in an array**

Step1 : [{

"name": "a"

},

{

"name": "b"

}

]

Dataweave expression

%dw 2.0

output application/json

---

payload map ((item, index) -> (

item mapObject(v,k,i)->

(v ++ i + 1):v

)

)

Output

[

{

"a1": "a"

},

{

"b1": "b"

}

]

Step2:

[{

"name": "a"

},

{

"name": "b"

}

]

Dataweave expression

%dw 2.0

output application/json

---

payload map ((item, index) -> (

item mapObject(v,k,i)->

(k ++ i + 1):v

)

)

Output

[

{

"name1": "a"

},

{

"name1": "b"

}

]

Step3

Input

[{

"name": "a"

},

{

"name": "b"

}

]

Dataweave expression

%dw 2.0

output application/json

---

payload map ((item, index) -> (

item mapObject(v,k,i)->

("siri" ++ i + 1):v

)

)

Output

[

{

"siri1": "a"

},

{

"siri1": "b"

}

]

Converting data format into some particular date format

%dw 2.0

output application/json

---

now() >> "IST"

output

"2023-11-14T10:37:35.811801+05:30"

**Difference between ~= and ==**

**Dataweave expression**

%dw 2.0

output application/json

---

{

"eq1": "true"==true,

"eq2": "true"~=true,

"eq3": "789"==789,

"eq4": "789"~=789,

"eq5": ["true"]==[true],

"eq6": ["true"]~=[true]

}

Output

{

"eq1": false,

"eq2": true,

"eq3": false,

"eq4": true,

"eq5": false,

"eq6": true

}

**Extract Numbers from a AlphaNumeric String**

**Input**

{

"number": "Hello612wor9ld!"

}

Dataweave expression

%dw 2.0

output application/json

import \* from dw::core::Strings

---

(payload.number splitBy ('')) filter (isNumeric($)==true)

Output

[

"6",

"1",

"2",

"9"

]

**Merge Two Arrays and remove duplicates**

{

"arr1": [1,2,3,4],

"arr2": [2,5,6,4]

}

Dataweave expression

%dw 2.0

output application/json

---

(payload.arr1 ++ payload.arr2) distinctBy $

Output

[

1,

2,

3,

4,

5,

6

]

Max and Maby operators

Max

Step1: Input -- max

%dw 2.0

output application/json

var a = [3,4,5,6,60]

---

//payload maxBy((item)->item.Marks)

max(a)

output

60

Step2: Input -- maxBy

%dw 2.0

output application/json

var a = [3,4,5,6,60]

---

//payload maxBy((item)->item.Marks)

a maxBy($)

output

60

Input

[{

"Name": "Shubham",

"Marks":"95"

}, {

"Name": "Shubh",

"Marks":"65"

}, {

"Name": "SC",

"Marks":"70"

}]

Dataweave expression

%dw 2.0

output application/json

---

payload maxBy((item)->item.Marks)

output

{

"Name": "Shubham",

"Marks":"95"

}

**XML DateTime to Date Format (Tough One)**

**Input**

<placedDate>2022-05-25 00:00:00.0</placedDate>

Dataweave expression

%dw 2.0

output application/json

var x=(payload.placedDate splitBy(' '))[0]

---

x as Date {format: "yyyy-MM-dd"} as String {format: "MM/dd/yyyy"}

output

"05/25/2022"

**. Sort an Array**

**Input**

[1.1,3,9,1.0]

Dataweave expression

%dw 2.0

output application/json

---

payload orderBy $

output

[

1,

1.1,

3,

9

]

**Break Objects into SubObjects with specified number of key-value pairs**

**Input** {

"Name": "Shubham",

"Marks": 90,

"Name": "AShish",

"Marks": 50,

"Name": "Divya",

"Marks": 80

}

Dataweave expression

%dw 2.0

output application/json

import divideBy from dw::core::Objects

---

payload divideBy 2

output

[

{

"Name": "Shubham",

"Marks": 90

},

{

"Name": "AShish",

"Marks": 50

},

{

"Name": "Divya",

"Marks": 80

}

]

With function

%dw 2.0

output application/json

---

{ "ssn" : "987-65-4321-SIRI" replace /["A-Z"]/ with("x") }

Output

{

"ssn": "987-65-4321-xxxx"

}

%dw 2.0

output application/json

---

{ "ssn" : "987-65-4321" replace /[0-9]/ with("x") }

Output

{

"ssn": "xxx-xx-xxxx"

}

Error handling in the batch job

%dw 2.0

**output** **application/json**

---

{

"errorMessage": (Batch::getStepExceptions()).Batch\_Step.localizedMessage,

"id": payload."Line Item Number"[0]

}

**Yesterday date with time**

now() >> "IST" - |P1D|

present data with time

**now()** and u need india time use this now() >> “IST”

tomorrow date

now() >> "IST" + |P1D|

for date function flow this dataweave link

<https://www.google.com/search?q=how+to+add+time+with+date+in+the+dataweave&rlz=1C1JJTC_enIN1034IN1034&oq=&gs_lcrp=EgZjaHJvbWUqCQgAECMYJxjqAjIJCAAQIxgnGOoCMgkIARAjGCcY6gIyCQgCECMYJxjqAjIJCAMQIxgnGOoCMgkIBBAjGCcY6gIyCQgFECMYJxjqAjIJCAYQIxgnGOoCMgkIBxAjGCcY6gLSAQkzNDc0NWowajeoAgiwAgE&sourceid=chrome&ie=UTF-8#fpstate=ive&vld=cid:a65ff8c0,vid:w6PoECLuP6U,st:0>

sql query from\_date and to\_date

select \* from employee\_data.POC where from\_date >= '2023-12-11T11:13:47.738837+05:30' and to\_date <= '2023-12-12T16:13:47.738837+05:30';

netsuite connectors flow this link

<https://medium.com/@muneebshaik89/netsuite-add-operation-through-mulesoft-part-2-715a8118c516>

dataweave function with xml

input

<users>

<user>

<personal\_information>

<first\_name>Emiliano</first\_name>

<middle\_name>Romoaldo</middle\_name>

<last\_name>Lesende</last\_name>

<ssn>001-08-84382</ssn>

</personal\_information>

<login\_information>

<username>3miliano</username>

<password>mypassword1234</password>

</login\_information>

</user>

<user>

<personal\_information>

<first\_name>Mariano</first\_name>

<middle\_name>Toribio</middle\_name>

<last\_name>de Achaval</last\_name>

<ssn>002-05-34738</ssn>

</personal\_information>

<login\_information>

<username>machaval</username>

<password>mypassword4321</password>

</login\_information>

</user>

</users>

Dataweave expression

%dw 2.0

output application/xml

---

users: { (payload.users mapObject {

user: {

personal\_information: $.personal\_information mapObject {

($$): if( $$ ~= "ssn") "\*\*\*" else $

}

}

}) }

Output

<?xml version='1.0' encoding='UTF-8'?>

<users>

<user>

<personal\_information>

<first\_name>Emiliano</first\_name>

<middle\_name>Romoaldo</middle\_name>

<last\_name>Lesende</last\_name>

<ssn>\*\*\*</ssn>

</personal\_information>

</user>

<user>

<personal\_information>

<first\_name>Mariano</first\_name>

<middle\_name>Toribio</middle\_name>

<last\_name>de Achaval</last\_name>

<ssn>\*\*\*</ssn>

</personal\_information>

</user>

</users>

## Target an Attribute in xml

[

{

"item": {

"type": "book",

"price": 30,

"properties": {

"title": "Everyday Italian",

"author": [

"Giada De Laurentiis"

],

"year": 2005

}

}

},

{

"item": {

"type": "book",

"price": 29.99,

"properties": {

"title": "Harry Potter",

"author": [

"J K. Rowling"

],

"year": 2005

}

}

},

{

"item": {

"type": "book",

"price": 49.99,

"properties": {

"title": "XQuery Kick Start",

"author": [

"James McGovern",

"Per Bothner",

"Kurt Cagle",

"James Linn",

"Vaidyanathan Nagarajan"

],

"year": 2003

}

}

},

{

"item": {

"type": "book",

"price": 39.95,

"properties": {

"title": "Learning XML",

"author": [

"Erik T. Ray"

],

"year": 2003

}

}

}

]

## Dataweave expression

%dw 2.0

output application/xml

---

{

bookstore: { (payload map {

book : {

title @(lang: "en"): $.item.properties.title,

year: $.item.properties.year,

price: $.item.price,

($.item.properties.author map

author @(loc: "US"): $)

}

}) }

}

## Output

<?xml version='1.0' encoding='UTF-8'?>

<bookstore>

<book>

<title lang="en">Everyday Italian</title>

<year>2005</year>

<price>30</price>

<author loc="US">Giada De Laurentiis</author>

</book>

<book>

<title lang="en">Harry Potter</title>

<year>2005</year>

<price>29.99</price>

<author loc="US">J K. Rowling</author>

</book>

<book>

<title lang="en">XQuery Kick Start</title>

<year>2003</year>

<price>49.99</price>

<author loc="US">James McGovern</author>

<author loc="US">Per Bothner</author>

<author loc="US">Kurt Cagle</author>

<author loc="US">James Linn</author>

<author loc="US">Vaidyanathan Nagarajan</author>

</book>

<book>

<title lang="en">Learning XML</title>

<year>2003</year>

<price>39.95</price>

<author loc="US">Erik T. Ray</author>

</book>

</bookstore>

dateTime conversion

1..input

{"DateFulfilled": "11/11/2023 9:16 am"}

Dataweave expression

%dw 2.0

output application/json

---

{

"output" : ((payload.DateFulfilled as LocalDateTime{format : "M/d/yyyy h:mm a"}) as DateTime) >> "GMT",

}

Output

{

"output": "2023-11-11T09:16:00Z"

}

dataTime website

<https://help.mulesoft.com/s/question/0D52T00005JxS0VSAV/hi-all-from-sfdc-i-am-getting-date-in-string-format-since-the-datatype-is-string-and-timezone-of-sfdc-is-utc>

2.dataweave

Input

-----

[{"ExpirationDate": "10/7/2026"}]

Dataweave expression

%dw 2.0

output application/json

---

Payload map {"Expiration\_Date\_\_c": $.ExpirationDate as Date {format: "M/d/yyyy"}}

Output

[{

"Expiration\_Date\_\_c": "10/7/2026"

}]

3.DATAWEAVE

{

"Receive Date": "2023-12-24T21:00:00.000-08:00"

}

Datawevae expression

%dw 2.0

output application/json

---

{

("siri": payload."Receive Date" as Date as String {format: "MM/dd/yyyy"})

}

Output

{

"siri": "12/24/2023"

}

4. date Time format

Input

-----

[{

"Receive Date": "2023-08-31T21:00:00.000-07:00"

}

]

Dataweave expression

%dw 2.0

output application/json

---

payload map (item) -> {

    ("Receive\_Date\_\_c": item."Receive Date" as DateTime as Date{format: "MM/dd/yyyy"}) if(!isEmpty(item."Receive Date"))

}

Output

[

{

"Receive\_Date\_\_c": "08/31/2023"

}

]

Step5:

yesterday dateTime dataweave query: now() >> "IST" - |P1D|

Dataweave

Add two array about duplicate keys

Input

[

{

"Owning Customer": "Ricola USA, Inc",

"Receive Date": "12/9/2023",

"Created From Order": "PO14193",

"Internal #": "IR26377",

"item": "3691740",

"Line Unique Key": "5440662",

"Description": "SF LEMON CLUB BAGS 12/1X2",

"Total Line QTY": "352",

"QTY Rec": "352",

"UOM": "CS",

"Lot": "2000154397",

"Expiration Date": "10/17/2026",

"Bin": "BK-243",

"status": "Good",

"internalId": "",

"PLT": "22",

"weight/unit": "30",

"Line Total Weight": "10,560",

"Line Total UOM": "lb",

"Consignee PO #": "L678289",

"Customer Ref #": "",

"Trailer/Container #": "w11771",

"Seal #": "L678252",

"location": "JPW - 696/700/750/790 Jacksonville Rd, PA PP:Tony,Da",

"Item Type": "Club"

}

]

Dataweave expression

%dw 2.0

output application/json

var a = [

{

"Id": "001D100000oYgaEIAS",

},

{

"Id": "001D100000oYgaJIAS",

}

]

---

(a zip payload) map ({ ($) } distinctBy $$)

Output

[

{

"Id": "001D100000oYgaEIAS",

"Owning Customer": "Ricola USA, Inc",

"Receive Date": "12/9/2023",

"Created From Order": "PO14193",

"Internal #": "IR26377",

"item": "3691740",

"Line Unique Key": "5440662",

"Description": "SF LEMON CLUB BAGS 12/1X2",

"Total Line QTY": "352",

"QTY Rec": "352",

"UOM": "CS",

"Lot": "2000154397",

"Expiration Date": "10/17/2026",

"Bin": "BK-243",

"status": "Good",

"internalId": "",

"PLT": "22",

"weight/unit": "30",

"Line Total Weight": "10,560",

"Line Total UOM": "lb",

"Consignee PO #": "L678289",

"Customer Ref #": "",

"Trailer/Container #": "w11771",

"Seal #": "L678252",

"location": "JPW - 696/700/750/790 Jacksonville Rd, PA PP:Tony,Da",

"Item Type": "Club"

}

]

Netsuite

How to fetch from netsuite connector by using search connector

Dataweave

%dw 2.0

**output** **application/xml**

**ns** ns0 urn:messages.platform.webservices.netsuite.com

**ns** ns01 urn:sales.transactions.webservices.netsuite.com

**ns** ns02 urn:common.platform.webservices.netsuite.com

**ns** ns03 urn:core.platform.webservices.netsuite.com

**ns** xsi http://www.w3.org/2001/XMLSchema-instance

**ns** ns04 urn:relationships.lists.webservices.netsuite.com

---

{

ns0#search: {

ns0#searchRecord @("xmlns:ns01": ns01, xsi#"type": "ns01:TransactionSearchAdvanced", savedSearchId:"3424" ): {}

}

}

After getting of netsuite data(convert into json format in the mule expression mode)

Sample data

[

{

"inboundAttachmentNames": [

],

"exceptionPayload": null,

"inboundPropertyNames": [

],

"outboundAttachmentNames": [

],

"payload": {

"searchRow": {

"basic": {

"item": {

"searchValue": null

},

"location": {

"searchValue": null

},

"quantity": {

"searchValue": "352.0",

"customLabel": "Total Line QTY"

},

"tranDate": {

"searchValue": "2023-12-08T21:00:00.000-08:00",

"customLabel": "Receive Date"

},

"customFieldList": {

"SearchColumnStringCustomField\_\_custbody\_bol\_trailer\_number": {

"searchValue": "w11771",

"customLabel": "Trailer/Container #"

}

}

},

"createdFromJoin": {

"entity": {

"searchValue": null,

"customLabel": "Owning Customer 3"

},

"tranId": {

"searchValue": "PO14193",

"customLabel": "Created From Order"

}

},

"inventoryDetailJoin": {

"binNumber": {

"searchValue": null,

"customLabel": "Bin"

},

"internalId": {

"searchValue": null

},

"inventoryNumber": {

"searchValue": null,

"customLabel": "Lot"

},

"quantity": {

"searchValue": "352.0",

"customLabel": "QTY Rec"

},

"status": {

"searchValue": null

}

},

"itemJoin": {

"itemId": {

"searchValue": "3691740",

"customLabel": "item 2"

},

"purchaseDescription": {

"searchValue": "SF LEMON CLUB BAGS 12/1X2",

"customLabel": "Description"

},

"weight": {

"searchValue": "30.0",

"customLabel": "weight/unit"

},

"weightUnit": {

"searchValue": "\_lb",

"customLabel": "UOM"

},

"customFieldList": {

"SearchColumnSelectCustomField\_\_custitem\_jil\_item\_type": {

"searchValue": null,

"customLabel": "Item Type"

},

"SearchColumnSelectCustomField\_\_custitem\_jil\_item\_type": {

"searchValue": null,

"customLabel": "Item Type 2"

},

"SearchColumnSelectCustomField\_\_custitem\_ownering\_customer": {

"searchValue": null,

"customLabel": "Owning Customer"

},

"SearchColumnSelectCustomField\_\_custitem\_ownering\_customer": {

"searchValue": null,

"customLabel": "Owning Customer 2"

}

}

},

"locationJoin": {

"name": {

"searchValue": "JPW - 696/700/750/790 Jacksonville Rd, PA PP:Tony,Da",

"customLabel": "Location2"

}

}

}

},

"outboundPropertyNames": [

],

"attributes": {

"transportHeaders": {

"date": "Fri, 29 Dec 2023 10:26:00 GMT",

"content-length": "462974",

"vary": "User-Agent",

"x-n-operationid": "7ba4c0b9-d0dc-4079-b5dc-7d7f9d580d71",

"connection": "keep-alive",

"content-type": "text/xml;charset=utf-8",

"strict-transport-security": "max-age=31536000",

"akamai-grn": "0.3720b07b.1703845558.3a02dba1",

"ns\_rtimer\_composite": "1377065679:706172746E6572733232352E70726F642D6961642D6E6131382E636F72652E6E732E696E7465726E616C:80"

},

"transportAdditionalData": {

"reasonPhrase": "OK",

"statusCode": "200"

},

"soapHeaders": {

"documentInfo": {

"documentInfo": {

"nsId": "WEBSERVICES\_6184125\_SB1\_1229202312564575271747401682\_a808fd8"

}

}

}

}

}

]

Dataweave expression

%dw 2.0

output application/json

fun retrive(key, value) =

(if (key ~= "customFieldList")

{(

    value mapObject (($.customLabel default $$) : $.searchValue)

//value..customLabel map (($) : value..searchValue[$$] )

)}

else

{

(value.customLabel default key): value.searchValue

})

---

flatten(payload.payload) map (($.searchRow.basic mapObject retrive($$, $))

++ ($.searchRow.createdFromJoin mapObject retrive($$, $))

++ ($.searchRow.inventoryDetailJoin mapObject retrive($$, $))

++ ($.searchRow.itemJoin mapObject retrive($$, $))

++ ($.searchRow.locationJoin mapObject retrive($$, $))

)

Output

[

{

"item": null,

"location": null,

"Total Line QTY": "352.0",

"Receive Date": "2023-12-08T21:00:00.000-08:00",

"Trailer/Container #": "w11771",

"Owning Customer 3": null,

"Created From Order": "PO14193",

"Bin": null,

"internalId": null,

"Lot": null,

"QTY Rec": "352.0",

"status": null,

"item 2": "3691740",

"Description": "SF LEMON CLUB BAGS 12/1X2",

"weight/unit": "30.0",

"UOM": "\_lb",

"Item Type": null,

"Item Type 2": null,

"Owning Customer": null,

"Owning Customer 2": null,

"Location2": "JPW - 696/700/750/790 Jacksonville Rd, PA PP:Tony,Da"

}

]

Formula fields(in the netsuite)

Whenever formula fields in the netsuite website that fields are not supporting soap services because netsuite are related to the soap services.

How to eliminate null value field without using of skip null every where in the dataweave

Input

[

{

"item": null,

"location": null,

"Total Line QTY": "988.0",

"Receive Date": "",

"Trailer/Container #": "W90146",

"Owning Customer 3": null,

"Created From Order": "PO10555",

"Bin": null,

"internalId": null,

"Lot": null,

"QTY Rec": "988.0",

"status": null,

"item 2": "3000227",

"Description": "SF Lemon Mint 19 Ct. Bags",

"weight/unit": "11.3",

"UOM": "\_lb",

"Item Type": null,

"Item Type 2": null,

"Owning Customer": "siri",

"Owning Customer 2": null

},

{

"item": null,

"location": null,

"Total Line QTY": "988.0",

"Receive Date": "2023-08-31T21:00:00.000-07:00",

"Trailer/Container #": "W90146",

"Owning Customer 3": null,

"Created From Order": "PO10555",

"Bin": null,

"internalId": null,

"Lot": null,

"QTY Rec": "988.0",

"status": null,

"item 2": "3000227",

"Description": "SF Lemon Mint 19 Ct. Bags",

"weight/unit": "11.3",

"UOM": "\_lb",

"Item Type": null,

"Item Type 2": null,

"Owning Customer": null,

"Owning Customer 2": null

}

]

Dataweave expression

%dw 2.0

output application/json

---

payload map (item) -> {

    ("Receive\_Date\_\_c": item."Receive Date" as DateTime as Date{format: "MM/dd/yyyy"}) if(!isEmpty(item."Receive Date"))

}

Output

[

{

},

{

"Receive\_Date\_\_c": "08/31/2023"

}

]

Write select query by using of dataweave

Input

[

{

"item": null,

"location": null,

"Total Line QTY": "988.0",

"Receive Date": "",

"Trailer/Container #": "W90146",

"Owning Customer 3": null,

"Created From Order": "PO10555",

"Bin": null,

"internalId": null,

"Lot": null,

"QTY Rec": "988.0",

"status": null,

"item 2": "3000227",

"Description": "SF Lemon Mint 19 Ct. Bags",

"weight/unit": "11.3",

"UOM": "\_lb",

"Item Type": null,

"Item Type 2": null,

"Owning Customer": "siri",

"Owning Customer 2": null

},

{

"item": null,

"location": null,

"Total Line QTY": "988.0",

"Receive Date": "2023-08-31T21:00:00.000-07:00",

"Trailer/Container #": "W90146",

"Owning Customer 3": null,

"Created From Order": "PO10555",

"Bin": null,

"internalId": null,

"Lot": null,

"QTY Rec": "988.0",

"status": null,

"item 2": "3000227",

"Description": "SF Lemon Mint 19 Ct. Bags",

"weight/unit": "11.3",

"UOM": "\_lb",

"Item Type": null,

"Item Type 2": null,

"Owning Customer": null,

"Owning Customer 2": null

}

]

Dataweave

%dw 2.0

**output** **application/java**

**var** filterResponse = payload filter ((item, index) -> item."Owning Customer" != **null** )

---

"select Id,Name from Account where Name IN ( '" ++((filterResponse."Owning Customer" **default** [] joinBy("','")))++ "')"

Output

select Id,Name from Account where Name IN ( 'siri')

dataweave

input

[

{

"param\_name": "first",

"param\_value": "second"

},

{

"param\_name": "third",

"param\_value": "fourth"

}

]

Dataweave expression

%dw 2.0

output application/json

---

payload map ((item, index) -> (item.param\_name):item.param\_value)

(or)

%dw 2.0

output application/json

---

payload map ((item, index) -> (item.param\_name):item.param\_value) reduce ((item, accumulator) -> accumulator ++ item)

output

[

{

"first": "second"

},

{

"third": "fourth"

}

]

Or

{

"first": "second",

"third": "fourth"

}

Eliminate duplicate names in the input

Input

[

[

{

"name": "john"

},

{

"name": "leonardo"

}

],

[

{

"name": "leonardo"

},

{

"name": "alicia"

},

{

"name": "jennifer"

},

{

"name": "john"

}

]

]

Dataweave expression

%dw 2.0

output application/json

---

flatten(payload map ((item, index) -> item.name)) distinctBy ((item, index) -> item)

output

[

"john",

"leonardo",

"alicia",

"jennifer"

]

How to format number in the dataweave function flow this link

https://help.mulesoft.com/s/article/How-to-format-numbers-in-DataWeave

dataweave

input

[

{

"item": null,

"location": null,

"Total Line QTY": "988.0",

"Receive Date": "",

"Trailer/Container #": "W90146",

"Owning Customer 3": null,

"Created From Order": "PO10555",

"Bin": null,

"internalId": null,

"Lot": null,

"QTY Rec": "988.0",

"status": null,

"item 2": "3000227",

"Description": "SF Lemon Mint 19 Ct. Bags",

"weight/unit": "11.3",

"UOM": "\_lb",

"Item Type": null,

"Item Type 2": null,

"Owning Customer": "siri",

"Owning Customer 2": null

}

]

Dataweave

%dw 2.0

**output** **application/java**

---

payload map ($ ++ {"uniqueKey": $. item })

output

[

{

"item": null,

"location": null,

"Total Line QTY": "988.0",

"Receive Date": "",

"Trailer/Container #": "W90146",

"Owning Customer 3": null,

"Created From Order": "PO10555",

"Bin": null,

"internalId": null,

"Lot": null,

"QTY Rec": "988.0",

"status": null,

"item 2": "3000227",

"Description": "SF Lemon Mint 19 Ct. Bags",

"weight/unit": "11.3",

"UOM": "\_lb",

"Item Type": null,

"Item Type 2": null,

"Owning Customer": "siri",

"Owning Customer 2": null,

"uniqueKey": null

}

]

Netsuite data

Input

[

{

"inboundAttachmentNames": [

],

"exceptionPayload": null,

"inboundPropertyNames": [

],

"outboundAttachmentNames": [

],

"payload": {

"searchRow": {

"basic": {

"item": {

"searchValue": null

},

"location": {

"searchValue": null

},

"quantity": {

"searchValue": "352.0",

"customLabel": "Total Line QTY"

},

"tranDate": {

"searchValue": "2023-12-08T21:00:00.000-08:00",

"customLabel": "Receive Date"

},

"customFieldList": {

"SearchColumnStringCustomField\_\_custbody\_bol\_trailer\_number": {

"searchValue": "w11771",

"customLabel": "Trailer/Container #"

}

}

},

"createdFromJoin": {

"entity": {

"searchValue": null,

"customLabel": "Owning Customer 3"

},

"tranId": {

"searchValue": "PO14193",

"customLabel": "Created From Order"

}

},

"inventoryDetailJoin": {

"binNumber": {

"searchValue": null,

"customLabel": "Bin"

},

"internalId": {

"searchValue": null

},

"inventoryNumber": {

"searchValue": null,

"customLabel": "Lot"

},

"quantity": {

"searchValue": "352.0",

"customLabel": "QTY Rec"

},

"status": {

"searchValue": null

}

},

"itemJoin": {

"itemId": {

"searchValue": "3691740",

"customLabel": "item 2"

},

"purchaseDescription": {

"searchValue": "SF LEMON CLUB BAGS 12/1X2",

"customLabel": "Description"

},

"weight": {

"searchValue": "30.0",

"customLabel": "weight/unit"

},

"weightUnit": {

"searchValue": "\_lb",

"customLabel": "UOM"

},

"customFieldList": {

"SearchColumnSelectCustomField\_\_custitem\_jil\_item\_type": {

"searchValue": null,

"customLabel": "Item Type"

},

"SearchColumnSelectCustomField\_\_custitem\_jil\_item\_type": {

"searchValue": null,

"customLabel": "Item Type 2"

},

"SearchColumnSelectCustomField\_\_custitem\_ownering\_customer": {

"searchValue": null,

"customLabel": "Owning Customer"

},

"SearchColumnSelectCustomField\_\_custitem\_ownering\_customer": {

"searchValue": null,

"customLabel": "Owning Customer 2"

}

}

},

"locationJoin": {

"name": {

"searchValue": "JPW - 696/700/750/790 Jacksonville Rd, PA PP:Tony,Da",

"customLabel": "Location2"

}

}

}

},

"outboundPropertyNames": [

],

"attributes": {

"transportHeaders": {

"date": "Fri, 29 Dec 2023 10:26:00 GMT",

"content-length": "462974",

"vary": "User-Agent",

"x-n-operationid": "7ba4c0b9-d0dc-4079-b5dc-7d7f9d580d71",

"connection": "keep-alive",

"content-type": "text/xml;charset=utf-8",

"strict-transport-security": "max-age=31536000",

"akamai-grn": "0.3720b07b.1703845558.3a02dba1",

"ns\_rtimer\_composite": "1377065679:706172746E6572733232352E70726F642D6961642D6E6131382E636F72652E6E732E696E7465726E616C:80"

},

"transportAdditionalData": {

"reasonPhrase": "OK",

"statusCode": "200"

},

"soapHeaders": {

"documentInfo": {

"documentInfo": {

"nsId": "WEBSERVICES\_6184125\_SB1\_1229202312564575271747401682\_a808fd8"

}

}

}

}

}

]

Dataweave expression

%dw 2.0

output application/json

---

flatten(payload.payload map ((item, index) -> item.searchRow mapObject ((value, key, index) -> if(key ~="basic" or key ~= "itemJoin" or key ~= "createdFromJoin" or key ~= "tranId" or key ~= "inventoryDetailJoin" or key ~= "locationJoin") {(

value mapObject ((value, key, index) -> if(key ~="customFieldList") {(

value mapObject (($.customLabel default $$) : $.searchValue)

)} else {

(value.customLabel default key): value.searchValue

})

)}

else {

(value.customLabel default key): value.searchValue

}) ))

output

[

{

"item": null,

"location": null,

"Total Line QTY": "352.0",

"Receive Date": "2023-12-08T21:00:00.000-08:00",

"Trailer/Container #": "w11771",

"Owning Customer 3": null,

"Created From Order": "PO14193",

"Bin": null,

"internalId": null,

"Lot": null,

"QTY Rec": "352.0",

"status": null,

"item 2": "3691740",

"Description": "SF LEMON CLUB BAGS 12/1X2",

"weight/unit": "30.0",

"UOM": "\_lb",

"Item Type": null,

"Item Type 2": null,

"Owning Customer": null,

"Owning Customer 2": null,

"Location2": "JPW - 696/700/750/790 Jacksonville Rd, PA PP:Tony,Da"

}

]

Datawevae

Input

[

{

"searchRow": {

"basic": {

"item": {

"searchValue": null

},

"location": {

"searchValue": null

},

"quantity": {

"searchValue": "352.0",

"customLabel": "Total Line QTY"

},

"tranDate": {

"searchValue": "2023-12-08T21:00:00.000-08:00",

"customLabel": "Receive Date"

},

"customFieldList": {

"SearchColumnStringCustomField\_\_custbody\_bol\_trailer\_number": {

"searchValue": "w11771",

"customLabel": "Trailer/Container #"

}

}

},

"createdFromJoin": {

"entity": {

"searchValue": null,

"customLabel": "Owning Customer 3"

},

"tranId": {

"searchValue": "PO14193",

"customLabel": "Created From Order"

}

},

"inventoryDetailJoin": {

"binNumber": {

"searchValue": null,

"customLabel": "Bin"

},

"internalId": {

"searchValue": null

},

"inventoryNumber": {

"searchValue": null,

"customLabel": "Lot"

},

"quantity": {

"searchValue": "352.0",

"customLabel": "QTY Rec"

},

"status": {

"searchValue": null

}

},

"itemJoin": {

"itemId": {

"searchValue": "3691740",

"customLabel": "item 2"

},

"purchaseDescription": {

"searchValue": "SF LEMON CLUB BAGS 12/1X2",

"customLabel": "Description"

},

"weight": {

"searchValue": "30.0",

"customLabel": "weight/unit"

},

"weightUnit": {

"searchValue": "\_lb",

"customLabel": "UOM"

},

"customFieldList": {

"SearchColumnSelectCustomField\_\_custitem\_jil\_item\_type": {

"searchValue": null,

"customLabel": "Item Type"

},

"SearchColumnSelectCustomField\_\_custitem\_jil\_item\_type": {

"searchValue": null,

"customLabel": "Item Type 2"

},

"SearchColumnSelectCustomField\_\_custitem\_ownering\_customer": {

"searchValue": null,

"customLabel": "Owning Customer"

},

"SearchColumnSelectCustomField\_\_custitem\_ownering\_customer": {

"searchValue": null,

"customLabel": "Owning Customer 2"

}

}

},

"locationJoin": {

"name": {

"searchValue": "JPW - 696/700/750/790 Jacksonville Rd, PA PP:Tony,Da",

"customLabel": "Location2"

}

}

}

},

{

"searchRow": {

"basic": {

"item": {

"searchValue": null

},

"location": {

"searchValue": null

},

"quantity": {

"searchValue": "352.0",

"customLabel": "Total Line QTY"

},

"tranDate": {

"searchValue": "2023-12-08T21:00:00.000-08:00",

"customLabel": "Receive Date"

},

"customFieldList": {

"SearchColumnStringCustomField\_\_custbody\_bol\_trailer\_number": {

"searchValue": "w11771",

"customLabel": "Trailer/Container #"

}

}

},

"createdFromJoin": {

"entity": {

"searchValue": null,

"customLabel": "Owning Customer 3"

},

"tranId": {

"searchValue": "PO14193",

"customLabel": "Created From Order"

}

},

"inventoryDetailJoin": {

"binNumber": {

"searchValue": null,

"customLabel": "Bin"

},

"internalId": {

"searchValue": null

},

"inventoryNumber": {

"searchValue": null,

"customLabel": "Lot"

},

"quantity": {

"searchValue": "352.0",

"customLabel": "QTY Rec"

},

"status": {

"searchValue": null

}

},

"itemJoin": {

"itemId": {

"searchValue": "3691740",

"customLabel": "item 2"

},

"purchaseDescription": {

"searchValue": "SF LEMON CLUB BAGS 12/1X2",

"customLabel": "Description"

},

"weight": {

"searchValue": "30.0",

"customLabel": "weight/unit"

},

"weightUnit": {

"searchValue": "\_lb",

"customLabel": "UOM"

},

"customFieldList": {

"SearchColumnSelectCustomField\_\_custitem\_jil\_item\_type": {

"searchValue": null,

"customLabel": "Item Type"

},

"SearchColumnSelectCustomField\_\_custitem\_jil\_item\_type": {

"searchValue": null,

"customLabel": "Item Type 2"

},

"SearchColumnSelectCustomField\_\_custitem\_ownering\_customer": {

"searchValue": null,

"customLabel": "Owning Customer"

},

"SearchColumnSelectCustomField\_\_custitem\_ownering\_customer": {

"searchValue": null,

"customLabel": "Owning Customer 2"

}

}

},

"locationJoin": {

"name": {

"searchValue": "JPW - 696/700/750/790 Jacksonville Rd, PA PP:Tony,Da",

"customLabel": "Location2"

}

}

}

}]

Dataweave expression

%dw 2.0

output application/json

---

flatten(payload map ((item, index) -> item.searchRow mapObject ((value, key, index) -> if(key ~="basic" or key ~= "itemJoin" or key ~= "createdFromJoin" or key ~= "tranId" or key ~= "inventoryDetailJoin" or key ~= "locationJoin") {(

value mapObject ((value, key, index) -> if(key ~="customFieldList") {(

value mapObject (($.customLabel default $$) : $.searchValue)

)} else {

(value.customLabel default key): value.searchValue

})

)}

else {

(value.customLabel default key): value.searchValue

}) ))

Output

[

{

"item": null,

"location": null,

"Total Line QTY": "352.0",

"Receive Date": "2023-12-08T21:00:00.000-08:00",

"Trailer/Container #": "w11771",

"Owning Customer 3": null,

"Created From Order": "PO14193",

"Bin": null,

"internalId": null,

"Lot": null,

"QTY Rec": "352.0",

"status": null,

"item 2": "3691740",

"Description": "SF LEMON CLUB BAGS 12/1X2",

"weight/unit": "30.0",

"UOM": "\_lb",

"Item Type": null,

"Item Type 2": null,

"Owning Customer": null,

"Owning Customer 2": null,

"Location2": "JPW - 696/700/750/790 Jacksonville Rd, PA PP:Tony,Da"

},

{

"item": null,

"location": null,

"Total Line QTY": "352.0",

"Receive Date": "2023-12-08T21:00:00.000-08:00",

"Trailer/Container #": "w11771",

"Owning Customer 3": null,

"Created From Order": "PO14193",

"Bin": null,

"internalId": null,

"Lot": null,

"QTY Rec": "352.0",

"status": null,

"item 2": "3691740",

"Description": "SF LEMON CLUB BAGS 12/1X2",

"weight/unit": "30.0",

"UOM": "\_lb",

"Item Type": null,

"Item Type 2": null,

"Owning Customer": null,

"Owning Customer 2": null,

"Location2": "JPW - 696/700/750/790 Jacksonville Rd, PA PP:Tony,Da"

}

]

Dataweave(two array filter)

[

{

"internalId": "3951528",

"item": "35424",

"Status": "1",

"line": "1",

"Line Unique Key": "5580189",

"location": "27",

"mainLine": "false",

"Total Line QTY": "3360.0",

"UOM5": "-3360.0",

"Receive Date": "2024-01-06T21:00:00.000-08:00",

"Internal #": "IR26389",

"UOM2": "Case",

"SearchColumnStringCustomField\_\_custcol\_line\_seq": "ERROR: Field Not Found",

"Consignee PO #": "4500036975",

"Owning Customer 3": "956",

"Created From Order": "PO14212",

"item 2": "L3000299",

"Description": "Manufacturing Cost - CHERRY 45CT BAGS 6X6",

"UOM3": "1",

"Item Type": "69",

"Item Type 2": "69",

"Owning Customer": "24",

"Owning Customer 2": "24",

"Location2": "JPW - 100 Louise Drive, Ivyland, PA PP:Jay"

},

{

"internalId": "3951528",

"item": "35424",

"Status": "2",

"line": "1",

"Line Unique Key": "5580189",

"location": "27",

"mainLine": "false",

"Total Line QTY": "3360.0",

"UOM5": "-3360.0",

"Receive Date": "2024-01-06T21:00:00.000-08:00",

"Internal #": "IR26389",

"UOM2": "Case",

"SearchColumnStringCustomField\_\_custcol\_line\_seq": "ERROR: Field Not Found",

"Consignee PO #": "4500036975",

"Owning Customer 3": "956",

"Created From Order": "PO14212",

"item 2": "L3000299",

"Description": "Manufacturing Cost - CHERRY 45CT BAGS 6X6",

"UOM3": "1",

"Item Type": "69",

"Item Type 2": "69",

"Owning Customer": "24",

"Owning Customer 2": "24",

"Location2": "JPW - 100 Louise Drive, Ivyland, PA PP:Jay"

}

]

Dataweave expression

%dw 2.0

output application/json

var a = [{

"internal Id": "1",

"name": "Good"

},

{

"internal Id": "2",

"name": "Damaged"

},

{

"internal Id": "3",

"name": "QA"

},

{

"internal Id": "4",

"name": "HOLD For FEFO"

},

{

"internal Id": "5",

"name": "HOLD For DESTRUCTION"

}]

---

payload map (item) -> {

"Status": a [?item.Status == $."internal Id"].name[0]

}

Output

[

{

"Status": "Good"

},

{

"Status": "Damaged"

}

]

Or

Filter condition for two arrays

[

{

"internalId": "3951528",

"item": "35424",

"Status": "1",

"line": "1",

"Line Unique Key": "5580189",

"location": "27",

"mainLine": "false",

"Total Line QTY": "3360.0",

"UOM5": "-3360.0",

"Receive Date": "2024-01-06T21:00:00.000-08:00",

"Internal #": "IR26389",

"UOM2": "Case",

"SearchColumnStringCustomField\_\_custcol\_line\_seq": "ERROR: Field Not Found",

"Consignee PO #": "4500036975",

"Owning Customer 3": "956",

"Created From Order": "PO14212",

"item 2": "L3000299",

"Description": "Manufacturing Cost - CHERRY 45CT BAGS 6X6",

"UOM3": "1",

"Item Type": "69",

"Item Type 2": "69",

"Owning Customer": "24",

"Owning Customer 2": "24",

"Location2": "JPW - 100 Louise Drive, Ivyland, PA PP:Jay"

},

{

"internalId": "3951528",

"item": "35424",

"Status": "2",

"line": "1",

"Line Unique Key": "5580189",

"location": "27",

"mainLine": "false",

"Total Line QTY": "3360.0",

"UOM5": "-3360.0",

"Receive Date": "2024-01-06T21:00:00.000-08:00",

"Internal #": "IR26389",

"UOM2": "Case",

"SearchColumnStringCustomField\_\_custcol\_line\_seq": "ERROR: Field Not Found",

"Consignee PO #": "4500036975",

"Owning Customer 3": "956",

"Created From Order": "PO14212",

"item 2": "L3000299",

"Description": "Manufacturing Cost - CHERRY 45CT BAGS 6X6",

"UOM3": "1",

"Item Type": "69",

"Item Type 2": "69",

"Owning Customer": "24",

"Owning Customer 2": "24",

"Location2": "JPW - 100 Louise Drive, Ivyland, PA PP:Jay"

}

]

Dataweave expression

%dw 2.0

output application/json

var a = [{

"internal Id": "1",

"name": "Good"

},

{

"internal Id": "2",

"name": "Damaged"

},

{

"internal Id": "3",

"name": "QA"

},

{

"internal Id": "4",

"name": "HOLD For FEFO"

},

{

"internal Id": "5",

"name": "HOLD For DESTRUCTION"

}]

---

payload map (item) -> {

"Status": a [?item.Status == $."internal Id"].name[0]

}

Output

[

{

"Status": "Good"

},

{

"Status": "Damaged"

}

]

Dataweave function with full

[{

"internalId": "3935209",

"internal ID": null

}

]

Dataweave function

%dw 2.0

output application/json

---

Payload map {

"external\_id\_\_c": item."Internal ID" default "" ++ item.internalId default ""

}

Output

[{

“external\_id\_\_c”: “3935209”

}

]

How to read xml attributes in the dataweave

Input xml

<?xml version="1.0" encoding="UTF-8"?>

<updateListResponse xmlns="urn:messages.platform.webservices.netsuite.com">

<writeResponseList>

<platformCore:status xmlns:platformCore="urn:core.platform.webservices.netsuite.com" isSuccess="true"/>

<writeResponse>

<platformCore:status xmlns:platformCore="urn:core.platform.webservices.netsuite.com" isSuccess="true">

<platformCore:statusDetail>

<platformCore:afterSubmitFailed>false</platformCore:afterSubmitFailed>

</platformCore:statusDetail>

</platformCore:status>

<baseRef xmlns:platformCore="urn:core.platform.webservices.netsuite.com" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" internalId="3811856" type="itemReceipt" xsi:type="platformCore:RecordRef"/>

</writeResponse>

<writeResponse>

<platformCore:status xmlns:platformCore="urn:core.platform.webservices.netsuite.com" isSuccess="true">

<platformCore:statusDetail>

<platformCore:afterSubmitFailed>false</platformCore:afterSubmitFailed>

</platformCore:statusDetail>

</platformCore:status>

<baseRef xmlns:platformCore="urn:core.platform.webservices.netsuite.com" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" internalId="3933603" type="itemReceipt" xsi:type="platformCore:RecordRef"/>

</writeResponse>

</writeResponseList>

</updateListResponse>

Dataweave expression

%dw 2.0

output application/json

---

payload.\*updateListResponse.\*writeResponseList.\*writeResponse map {

"isSuccess": $.status.@isSuccess,

"internalId": $.baseRef.@internalId

}

Output

[

{

"isSuccess": "true",

"internalId": "3811856"

},

{

"isSuccess": "true",

"internalId": "3933603"

}

]

How to minimize nested array with out using the reduce function

Input

[

{

"title": "Getting started",

"reset\_lesson\_position": false,

"lessons": [

{"name": "Welcome"}

]

},

{

"title": "Basic operator",

"reset\_lesson\_position": false,

"lessons": [

{"name": "Addition / Subtraction"},

{"name": "Multiplication / Division"}

]

},

{

"title": "Advanced topics",

"reset\_lesson\_position": true,

"lessons": [

{"name": "Mutability"},

{"name": "Immutability"}

]

}

]

Dataweave expression

%dw 2.0

output application/json

---

payload map ((category, index) -> {

title: category.title,

reset\_lesson\_position: category.reset\_lesson\_position,

position: index + 1,

lessons: (category.lessons.name)[0]

})

Output

[

{

"title": "Getting started",

"reset\_lesson\_position": false,

"position": 1,

"lessons": "Welcome"

},

{

"title": "Basic operator",

"reset\_lesson\_position": false,

"position": 2,

"lessons": "Addition / Subtraction"

},

{

"title": "Advanced topics",

"reset\_lesson\_position": true,

"position": 3,

"lessons": "Mutability"

}

]

And (or)

Input

[

{

"title": "Getting started",

"reset\_lesson\_position": false,

"lessons": [

{"name": "Welcome"}

]

},

{

"title": "Basic operator",

"reset\_lesson\_position": false,

"lessons": [

{"name": "Addition / Subtraction"},

{"name": "Multiplication / Division"}

]

},

{

"title": "Advanced topics",

"reset\_lesson\_position": true,

"lessons": [

{"name": "Mutability"},

{"name": "Immutability"}

]

}

]

Dataweave expression

%dw 2.0

output application/json

---

payload map ((category, index) -> {

title: category.title,

reset\_lesson\_position: category.reset\_lesson\_position,

position: index + 1,

lessons: lessons: (category.lessons.name) reduce ($ ++ " " ++$$)

})

Output

[

{

"title": "Getting started",

"reset\_lesson\_position": false,

"position": 1,

"lessons": {

"lessons": "Welcome"

}

},

{

"title": "Basic operator",

"reset\_lesson\_position": false,

"position": 2,

"lessons": {

"lessons": "Multiplication / Division Addition / Subtraction"

}

},

{

"title": "Advanced topics",

"reset\_lesson\_position": true,

"position": 3,

"lessons": {

"lessons": "Immutability Mutability"

}

}

]

Mask the values by using of replace function

Dataweave expression

%dw 2.0

output application/json

---

{ "ssn" : "987-65-4321asA" replace /[0-z]/ with("x") }

Output

{

"ssn": "xxx-xx-xxxxxxx"

}

Dataweave expression groupBy

Input

{

"IF29231": [

{

"customer": "BDP International, Inc (Avantor)",

"customerInternalID": "",

"shipmentIdentification": "IF29231",

"itemFulfillmentInternalID": "3961962",

"trandate": "1/9/2024",

"tsetPurposeCode": "00",

"shipNoticeDate": "01/09/2024",

"shipNoticeTime": "11:51:58",

"aSNStructureCode": "0001",

"billOfLadingNumber": "",

"carrierProNumber": "tracking20240109a",

"currentScheduledDeliveryDate": "",

"currentScheduledDeliveryTime": "",

"shipToAddressLocationNumber": "",

"shipToLocationCodeQualifier": "",

"shipToAddressName": "TEST ADDRESSEE",

"shipToAddress1": "123 test address",

"shipToAddress2": "",

"shipToCity": "Ambler",

"shipToState": "PA",

"shipToPostalCode": "19002",

"shipToCountry": "US",

"shipToContactName": "TEST CUSTOMER",

"shipToContactPhone": "(215) 555-0001",

"shipToContactFax": "(215) 555-0001",

"shipToContactEmail": "james.mcguire@jillamy.com",

"shipFromLocationCodeQualifier": "",

"shipFromAddressLocationNumber": "",

"shipFromAddressName": "JPW - 200 River Rd Falls Township PA",

"shipFromAddress1": "200 River Rd",

"shipFromAddress2": "Suite 200",

"shipFromCity": "Falls Township",

"shipFromState": "PA",

"shipFromPostalCode": "19030",

"shipFromCountry": "US",

"shipFromContactName": "",

"shipFromContactPhone": "",

"shipFromContactFax": "",

"shipFromContactEmail": "",

"statusCode": "",

"carrierTransMethodCode": "",

"carrierAlphaCode": "",

"carrierRouting": "Jillamy Transportation Inc.",

"equipmentDescriptionCode": "",

"carrierEquipmentNumber": "",

"sealNumber": "",

"shipmentQtyPackingCode": "",

"shipmentLadingQuantity": "1",

"shipmentWeightQualifier": "G",

"shipmentWeight": "238.6",

"shipmentWeightUOM": "LB",

"shipmentVolume": "53.33",

"shipmentVolumeUOM": "CS",

"fOBPayCode": "",

"fOBLocationQualifier": "",

"fOBLocationDescription": "",

"shipmentUDF1": "Jillamy Transportation Inc.",

"shipmentUDF2": "",

"shipmentUDF3": "",

"shipmentUDF4": "",

"shipmentUDF5": "",

"shipmentUDF6": "",

"shipmentUDF7": "",

"shipmentUDF8": "",

"shipmentUDF9": "",

"shipmentUDF10": "",

"customerOrderNumber": "shipment20240109a",

"invoiceNumber": " ",

"purchaseOrderNumber": "cpo20240109a",

"purchaseOrderDate": "",

"department": "",

"vendor": "",

"orderQtyPackingCode": "",

"orderLadingQuantity": "1",

"orderWeightQualifier": "G",

"orderWeight": "238.6",

"orderWeightUOM": "LB",

"orderVolume": "53.33",

"orderVolumeUOM": "CS",

"markForLocationCodeQualifier": "",

"markForAddressLocationNumber": "",

"markForAddressName": "",

"markForAddress1": "",

"markForAddress2": "",

"markForCity": "",

"markForState": "",

"markForPostalCode": "",

"markForCountry": "",

"markForContactName": "",

"markForContactPhone": "",

"markForContactFax": "",

"markForContactEmail": "",

"buyingPartyLocationCodeQualifier": "",

"buyingPartyAddressLocationNumber": "",

"buyingPartyAddressName": "",

"buyingPartyAddress1": "",

"buyingPartyAddress2": "",

"buyingPartyCity": "",

"buyingPartyState": "",

"buyingPartyPostalCode": "",

"buyingPartyCountry": "",

"buyingPartyContactName": "",

"buyingPartyContactPhone": "",

"buyingPartyContactFax": "",

"buyingPartyContactEmail": "",

"orderUDF1": "",

"orderUDF2": "",

"orderUDF3": "",

"orderUDF4": "",

"orderUDF5": "",

"orderUDF6": "",

"orderUDF7": "",

"orderUDF8": "",

"orderUDF9": "",

"orderUDF10": "",

"tareShippingSerialID": "",

"packShippingSerialID": "",

"packageID": "311147",

"packTrackingNumber": "cpo20240109a",

"packWeight": "238.6",

"packWeightUOM": "LB",

"packLength": "40",

"packWidth": "48",

"packHeight": "48",

"packLadingQty": "1",

"packUDF1": "",

"packUDF2": "",

"packUDF3": "",

"packUDF4": "",

"packUDF5": "",

"packUDF6": "",

"packUDF7": "",

"packUDF8": "",

"packUDF9": "",

"packUDF10": "",

"lineSequenceNumber": "",

"itemInternalID": "35211",

"buyerPartNumber": "414004-108",

"vendorPartNumber": "VWRI414004-108",

"consumerPackageCode": "",

"eAN": "",

"gTIN": "",

"uPCCaseCode": "",

"natlDrugCode": "",

"internationalStandardBookNumber": "",

"purchasePrice": "",

"shipQty": "40",

"shipQtyUOM": "",

"outerPack": "",

"innerPack": "",

"itemWeightQualifier": "N",

"itemWeight": "1.84",

"itemWeightUOM": "lb",

"itemVolume": "",

"itemVolumeUOM": "",

"productDescription": "",

"itemLotNumbers": "200382822",

"itemSerialNumbers": "",

"itemUDF1": "",

"itemUDF2": "",

"itemUDF3": "",

"itemUDF4": "",

"itemUDF5": "",

"itemUDF6": "ERROR: Field Not Found",

"itemUDF7": "2028-01-01",

"itemUDF8": "cpo20240109a",

"itemUDF9": "",

"itemExpirationDate": "1/1/2028",

"totalQuantity": "100"

},

{

"customer": "BDP International, Inc (Avantor)",

"customerInternalID": "",

"shipmentIdentification": "IF29231",

"itemFulfillmentInternalID": "3961962",

"trandate": "1/9/2024",

"tsetPurposeCode": "00",

"shipNoticeDate": "01/09/2024",

"shipNoticeTime": "11:51:58",

"aSNStructureCode": "0001",

"billOfLadingNumber": "",

"carrierProNumber": "tracking20240109a",

"currentScheduledDeliveryDate": "",

"currentScheduledDeliveryTime": "",

"shipToAddressLocationNumber": "",

"shipToLocationCodeQualifier": "",

"shipToAddressName": "TEST ADDRESSEE",

"shipToAddress1": "123 test address",

"shipToAddress2": "",

"shipToCity": "Ambler",

"shipToState": "PA",

"shipToPostalCode": "19002",

"shipToCountry": "US",

"shipToContactName": "TEST CUSTOMER",

"shipToContactPhone": "(215) 555-0001",

"shipToContactFax": "(215) 555-0001",

"shipToContactEmail": "james.mcguire@jillamy.com",

"shipFromLocationCodeQualifier": "",

"shipFromAddressLocationNumber": "",

"shipFromAddressName": "JPW - 200 River Rd Falls Township PA",

"shipFromAddress1": "200 River Rd",

"shipFromAddress2": "Suite 200",

"shipFromCity": "Falls Township",

"shipFromState": "PA",

"shipFromPostalCode": "19030",

"shipFromCountry": "US",

"shipFromContactName": "",

"shipFromContactPhone": "",

"shipFromContactFax": "",

"shipFromContactEmail": "",

"statusCode": "",

"carrierTransMethodCode": "",

"carrierAlphaCode": "",

"carrierRouting": "Jillamy Transportation Inc.",

"equipmentDescriptionCode": "",

"carrierEquipmentNumber": "",

"sealNumber": "",

"shipmentQtyPackingCode": "",

"shipmentLadingQuantity": "1",

"shipmentWeightQualifier": "G",

"shipmentWeight": "238.6",

"shipmentWeightUOM": "LB",

"shipmentVolume": "53.33",

"shipmentVolumeUOM": "CS",

"fOBPayCode": "",

"fOBLocationQualifier": "",

"fOBLocationDescription": "",

"shipmentUDF1": "Jillamy Transportation Inc.",

"shipmentUDF2": "",

"shipmentUDF3": "",

"shipmentUDF4": "",

"shipmentUDF5": "",

"shipmentUDF6": "",

"shipmentUDF7": "",

"shipmentUDF8": "",

"shipmentUDF9": "",

"shipmentUDF10": "",

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"invoiceNumber": " ",

"purchaseOrderNumber": "cpo20240109a",

"purchaseOrderDate": "",

"department": "",

"vendor": "",

"orderQtyPackingCode": "",

"orderLadingQuantity": "1",

"orderWeightQualifier": "G",

"orderWeight": "238.6",

"orderWeightUOM": "LB",

"orderVolume": "53.33",

"orderVolumeUOM": "CS",

"markForLocationCodeQualifier": "",

"markForAddressLocationNumber": "",

"markForAddressName": "",

"markForAddress1": "",

"markForAddress2": "",

"markForCity": "",

"markForState": "",

"markForPostalCode": "",

"markForCountry": "",

"markForContactName": "",

"markForContactPhone": "",

"markForContactFax": "",

"markForContactEmail": "",

"buyingPartyLocationCodeQualifier": "",

"buyingPartyAddressLocationNumber": "",

"buyingPartyAddressName": "",

"buyingPartyAddress1": "",

"buyingPartyAddress2": "",

"buyingPartyCity": "",

"buyingPartyState": "",

"buyingPartyPostalCode": "",

"buyingPartyCountry": "",

"buyingPartyContactName": "",

"buyingPartyContactPhone": "",

"buyingPartyContactFax": "",

"buyingPartyContactEmail": "",

"orderUDF1": "",

"orderUDF2": "",

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"orderUDF4": "",

"orderUDF5": "",

"orderUDF6": "",

"orderUDF7": "",

"orderUDF8": "",

"orderUDF9": "",

"orderUDF10": "",

"tareShippingSerialID": "",

"packShippingSerialID": "",

"packageID": "311147",

"packTrackingNumber": "cpo20240109a",

"packWeight": "238.6",

"packWeightUOM": "LB",

"packLength": "40",

"packWidth": "48",

"packHeight": "48",

"packLadingQty": "1",

"packUDF1": "",

"packUDF2": "",

"packUDF3": "",

"packUDF4": "",

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"packUDF6": "",

"packUDF7": "",

"packUDF8": "",

"packUDF9": "",

"packUDF10": "",

"lineSequenceNumber": "",

"itemInternalID": "35210",

"buyerPartNumber": "414004-105",

"vendorPartNumber": "VWRI414004-105",

"consumerPackageCode": "",

"eAN": "",

"gTIN": "",

"uPCCaseCode": "",

"natlDrugCode": "",

"internationalStandardBookNumber": "",

"purchasePrice": "",

"shipQty": "54",

"shipQtyUOM": "",

"outerPack": "",

"innerPack": "",

"itemWeightQualifier": "N",

"itemWeight": ".25",

"itemWeightUOM": "lb",

"itemVolume": "",

"itemVolumeUOM": "",

"productDescription": "",

"itemLotNumbers": "200382082",

"itemSerialNumbers": "",

"itemUDF1": "",

"itemUDF2": "",

"itemUDF3": "",

"itemUDF4": "",

"itemUDF5": "",

"itemUDF6": "ERROR: Field Not Found",

"itemUDF7": "2029-01-01",

"itemUDF8": "cpo20240109a",

"itemUDF9": "",

"itemExpirationDate": "12/31/2028",

"totalQuantity": "100"

},

{

"customer": "BDP International, Inc (Avantor)",

"customerInternalID": "",

"shipmentIdentification": "IF29231",

"itemFulfillmentInternalID": "3961962",

"trandate": "1/9/2024",

"tsetPurposeCode": "00",

"shipNoticeDate": "01/09/2024",

"shipNoticeTime": "11:51:58",

"aSNStructureCode": "0001",

"billOfLadingNumber": "",

"carrierProNumber": "tracking20240109a",

"currentScheduledDeliveryDate": "",

"currentScheduledDeliveryTime": "",

"shipToAddressLocationNumber": "",

"shipToLocationCodeQualifier": "",

"shipToAddressName": "TEST ADDRESSEE",

"shipToAddress1": "123 test address",

"shipToAddress2": "",

"shipToCity": "Ambler",

"shipToState": "PA",

"shipToPostalCode": "19002",

"shipToCountry": "US",

"shipToContactName": "TEST CUSTOMER",

"shipToContactPhone": "(215) 555-0001",

"shipToContactFax": "(215) 555-0001",

"shipToContactEmail": "james.mcguire@jillamy.com",

"shipFromLocationCodeQualifier": "",

"shipFromAddressLocationNumber": "",

"shipFromAddressName": "JPW - 200 River Rd Falls Township PA",

"shipFromAddress1": "200 River Rd",

"shipFromAddress2": "Suite 200",

"shipFromCity": "Falls Township",

"shipFromState": "PA",

"shipFromPostalCode": "19030",

"shipFromCountry": "US",

"shipFromContactName": "",

"shipFromContactPhone": "",

"shipFromContactFax": "",

"shipFromContactEmail": "",

"statusCode": "",

"carrierTransMethodCode": "",

"carrierAlphaCode": "",

"carrierRouting": "Jillamy Transportation Inc.",

"equipmentDescriptionCode": "",

"carrierEquipmentNumber": "",

"sealNumber": "",

"shipmentQtyPackingCode": "",

"shipmentLadingQuantity": "1",

"shipmentWeightQualifier": "G",

"shipmentWeight": "238.6",

"shipmentWeightUOM": "LB",

"shipmentVolume": "53.33",

"shipmentVolumeUOM": "CS",

"fOBPayCode": "",

"fOBLocationQualifier": "",

"fOBLocationDescription": "",

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"shipmentUDF2": "",

"shipmentUDF3": "",

"shipmentUDF4": "",

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"shipmentUDF7": "",

"shipmentUDF8": "",

"shipmentUDF9": "",

"shipmentUDF10": "",

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"invoiceNumber": " ",

"purchaseOrderNumber": "cpo20240109a",

"purchaseOrderDate": "",

"department": "",

"vendor": "",

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"orderLadingQuantity": "1",

"orderWeightQualifier": "G",

"orderWeight": "238.6",

"orderWeightUOM": "LB",

"orderVolume": "53.33",

"orderVolumeUOM": "CS",

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"markForAddressLocationNumber": "",

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"markForAddress2": "",

"markForCity": "",

"markForState": "",

"markForPostalCode": "",

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"markForContactName": "",

"markForContactPhone": "",

"markForContactFax": "",

"markForContactEmail": "",

"buyingPartyLocationCodeQualifier": "",

"buyingPartyAddressLocationNumber": "",

"buyingPartyAddressName": "",

"buyingPartyAddress1": "",

"buyingPartyAddress2": "",

"buyingPartyCity": "",

"buyingPartyState": "",

"buyingPartyPostalCode": "",

"buyingPartyCountry": "",

"buyingPartyContactName": "",

"buyingPartyContactPhone": "",

"buyingPartyContactFax": "",

"buyingPartyContactEmail": "",

"orderUDF1": "",

"orderUDF2": "",

"orderUDF3": "",

"orderUDF4": "",

"orderUDF5": "",

"orderUDF6": "",

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"orderUDF8": "",

"orderUDF9": "",

"orderUDF10": "",

"tareShippingSerialID": "",

"packShippingSerialID": "",

"packageID": "311147",

"packTrackingNumber": "cpo20240109a",

"packWeight": "238.6",

"packWeightUOM": "LB",

"packLength": "40",

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"packHeight": "48",

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"packUDF7": "",

"packUDF8": "",

"packUDF9": "",

"packUDF10": "",

"lineSequenceNumber": "",

"itemInternalID": "35210",

"buyerPartNumber": "414004-105",

"vendorPartNumber": "VWRI414004-105",

"consumerPackageCode": "",

"eAN": "",

"gTIN": "",

"uPCCaseCode": "",

"natlDrugCode": "",

"internationalStandardBookNumber": "",

"purchasePrice": "",

"shipQty": "6",

"shipQtyUOM": "",

"outerPack": "",

"innerPack": "",

"itemWeightQualifier": "N",

"itemWeight": ".25",

"itemWeightUOM": "lb",

"itemVolume": "",

"itemVolumeUOM": "",

"productDescription": "",

"itemLotNumbers": "20048320",

"itemSerialNumbers": "",

"itemUDF1": "",

"itemUDF2": "",

"itemUDF3": "",

"itemUDF4": "",

"itemUDF5": "",

"itemUDF6": "ERROR: Field Not Found",

"itemUDF7": "2029-01-01",

"itemUDF8": "cpo20240109a",

"itemUDF9": "",

"itemExpirationDate": "1/1/2029",

"totalQuantity": "100"

}

],

"IF29232": [

{

"customer": "BDP International, Inc (Avantor)",

"customerInternalID": "",

"shipmentIdentification": "IF29232",

"itemFulfillmentInternalID": "3962064",

"trandate": "1/9/2024",

"tsetPurposeCode": "00",

"shipNoticeDate": "01/09/2024",

"shipNoticeTime": "12:14:47",

"aSNStructureCode": "0001",

"billOfLadingNumber": "",

"carrierProNumber": "tracking20240109b",

"currentScheduledDeliveryDate": "",

"currentScheduledDeliveryTime": "",

"shipToAddressLocationNumber": "",

"shipToLocationCodeQualifier": "",

"shipToAddressName": "TEST ADDRESSEE",

"shipToAddress1": "123 test address",

"shipToAddress2": "",

"shipToCity": "Ambler",

"shipToState": "PA",

"shipToPostalCode": "19002",

"shipToCountry": "US",

"shipToContactName": "TEST CUSTOMER",

"shipToContactPhone": "(215) 555-0001",

"shipToContactFax": "(215) 555-0001",

"shipToContactEmail": "james.mcguire@jillamy.com",

"shipFromLocationCodeQualifier": "",

"shipFromAddressLocationNumber": "",

"shipFromAddressName": "JPW - 200 River Rd Falls Township PA",

"shipFromAddress1": "200 River Rd",

"shipFromAddress2": "Suite 200",

"shipFromCity": "Falls Township",

"shipFromState": "PA",

"shipFromPostalCode": "19030",

"shipFromCountry": "US",

"shipFromContactName": "",

"shipFromContactPhone": "",

"shipFromContactFax": "",

"shipFromContactEmail": "",

"statusCode": "",

"carrierTransMethodCode": "",

"carrierAlphaCode": "",

"carrierRouting": "Jillamy Transportation Inc.",

"equipmentDescriptionCode": "",

"carrierEquipmentNumber": "",

"sealNumber": "",

"shipmentQtyPackingCode": "",

"shipmentLadingQuantity": "6",

"shipmentWeightQualifier": "G",

"shipmentWeight": "1786",

"shipmentWeightUOM": "LB",

"shipmentVolume": "320",

"shipmentVolumeUOM": "CS",

"fOBPayCode": "",

"fOBLocationQualifier": "",

"fOBLocationDescription": "",

"shipmentUDF1": "Jillamy Transportation Inc.",

"shipmentUDF2": "",

"shipmentUDF3": "",

"shipmentUDF4": "5888",

"shipmentUDF5": "",

"shipmentUDF6": "",

"shipmentUDF7": "",

"shipmentUDF8": "",

"shipmentUDF9": "",

"shipmentUDF10": "",

"customerOrderNumber": "shipment20240109b",

"invoiceNumber": " ",

"purchaseOrderNumber": "cpo20240109b",

"purchaseOrderDate": "",

"department": "",

"vendor": "5888",

"orderQtyPackingCode": "",

"orderLadingQuantity": "6",

"orderWeightQualifier": "G",

"orderWeight": "1786",

"orderWeightUOM": "LB",

"orderVolume": "320",

"orderVolumeUOM": "CS",

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"orderUDF6": "",

"orderUDF7": "",

"orderUDF8": "",

"orderUDF9": "",

"orderUDF10": "",

"tareShippingSerialID": "",

"packShippingSerialID": "",

"packageID": "311148",

"packTrackingNumber": "",

"packWeight": "304.56",

"packWeightUOM": "LB",

"packLength": "40",

"packWidth": "48",

"packHeight": "48",

"packLadingQty": "1",

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"packUDF10": "",

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"itemInternalID": "35211",

"buyerPartNumber": "",

"vendorPartNumber": "",

"consumerPackageCode": "",

"eAN": "",

"gTIN": "",

"uPCCaseCode": "",

"natlDrugCode": "",

"internationalStandardBookNumber": "",

"purchasePrice": "",

"shipQty": "84",

"shipQtyUOM": "",

"outerPack": "",

"innerPack": "",

"itemWeightQualifier": "N",

"itemWeight": "1.84",

"itemWeightUOM": "lb",

"itemVolume": "",

"itemVolumeUOM": "",

"productDescription": "",

"itemLotNumbers": "200382822",

"itemSerialNumbers": "",

"itemUDF1": "",

"itemUDF2": "",

"itemUDF3": "",

"itemUDF4": "",

"itemUDF5": "",

"itemUDF6": "ERROR: Field Not Found",

"itemUDF7": "2028-01-01",

"itemUDF8": "cpo20240109b",

"itemUDF9": "",

"itemExpirationDate": "1/1/2028",

"totalQuantity": "1000"

}

]

}

Dataweave expression

%dw 2.0

output application/json

---

// valuesOf(payload)(or)

payload pluck $

output

[

[

{

"customer": "BDP International, Inc (Avantor)",

"customerInternalID": "",

"shipmentIdentification": "IF29231",

"itemFulfillmentInternalID": "3961962",

"trandate": "1/9/2024",

"tsetPurposeCode": "00",

"shipNoticeDate": "01/09/2024",

"shipNoticeTime": "11:51:58",

"aSNStructureCode": "0001",

"billOfLadingNumber": "",

"carrierProNumber": "tracking20240109a",

"currentScheduledDeliveryDate": "",

"currentScheduledDeliveryTime": "",

"shipToAddressLocationNumber": "",

"shipToLocationCodeQualifier": "",

"shipToAddressName": "TEST ADDRESSEE",

"shipToAddress1": "123 test address",

"shipToAddress2": "",

"shipToCity": "Ambler",

"shipToState": "PA",

"shipToPostalCode": "19002",

"shipToCountry": "US",

"shipToContactName": "TEST CUSTOMER",

"shipToContactPhone": "(215) 555-0001",

"shipToContactFax": "(215) 555-0001",

"shipToContactEmail": "james.mcguire@jillamy.com",

"shipFromLocationCodeQualifier": "",

"shipFromAddressLocationNumber": "",

"shipFromAddressName": "JPW - 200 River Rd Falls Township PA",

"shipFromAddress1": "200 River Rd",

"shipFromAddress2": "Suite 200",

"shipFromCity": "Falls Township",

"shipFromState": "PA",

"shipFromPostalCode": "19030",

"shipFromCountry": "US",

"shipFromContactName": "",

"shipFromContactPhone": "",

"shipFromContactFax": "",

"shipFromContactEmail": "",

"statusCode": "",

"carrierTransMethodCode": "",

"carrierAlphaCode": "",

"carrierRouting": "Jillamy Transportation Inc.",

"equipmentDescriptionCode": "",

"carrierEquipmentNumber": "",

"sealNumber": "",

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"shipmentLadingQuantity": "1",

"shipmentWeightQualifier": "G",

"shipmentWeight": "238.6",

"shipmentWeightUOM": "LB",

"shipmentVolume": "53.33",

"shipmentVolumeUOM": "CS",

"fOBPayCode": "",

"fOBLocationQualifier": "",

"fOBLocationDescription": "",

"shipmentUDF1": "Jillamy Transportation Inc.",

"shipmentUDF2": "",

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"shipmentUDF4": "",

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"shipmentUDF7": "",

"shipmentUDF8": "",

"shipmentUDF9": "",

"shipmentUDF10": "",

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"orderVolumeUOM": "CS",

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"markForState": "",

"markForPostalCode": "",

"markForCountry": "",

"markForContactName": "",

"markForContactPhone": "",

"markForContactFax": "",

"markForContactEmail": "",

"buyingPartyLocationCodeQualifier": "",

"buyingPartyAddressLocationNumber": "",

"buyingPartyAddressName": "",

"buyingPartyAddress1": "",

"buyingPartyAddress2": "",

"buyingPartyCity": "",

"buyingPartyState": "",

"buyingPartyPostalCode": "",

"buyingPartyCountry": "",

"buyingPartyContactName": "",

"buyingPartyContactPhone": "",

"buyingPartyContactFax": "",

"buyingPartyContactEmail": "",

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"orderUDF5": "",

"orderUDF6": "",

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"orderUDF9": "",

"orderUDF10": "",

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"packShippingSerialID": "",

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"packTrackingNumber": "cpo20240109a",

"packWeight": "238.6",

"packWeightUOM": "LB",

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"packUDF7": "",

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"packUDF9": "",

"packUDF10": "",

"lineSequenceNumber": "",

"itemInternalID": "35211",

"buyerPartNumber": "414004-108",

"vendorPartNumber": "VWRI414004-108",

"consumerPackageCode": "",

"eAN": "",

"gTIN": "",

"uPCCaseCode": "",

"natlDrugCode": "",

"internationalStandardBookNumber": "",

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"shipQtyUOM": "",

"outerPack": "",

"innerPack": "",

"itemWeightQualifier": "N",

"itemWeight": "1.84",

"itemWeightUOM": "lb",

"itemVolume": "",

"itemVolumeUOM": "",

"productDescription": "",

"itemLotNumbers": "200382822",

"itemSerialNumbers": "",

"itemUDF1": "",

"itemUDF2": "",

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"itemUDF4": "",

"itemUDF5": "",

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"itemUDF8": "cpo20240109a",

"itemUDF9": "",

"itemExpirationDate": "1/1/2028",

"totalQuantity": "100"

},

{

"customer": "BDP International, Inc (Avantor)",

"customerInternalID": "",

"shipmentIdentification": "IF29231",

"itemFulfillmentInternalID": "3961962",

"trandate": "1/9/2024",

"tsetPurposeCode": "00",

"shipNoticeDate": "01/09/2024",

"shipNoticeTime": "11:51:58",

"aSNStructureCode": "0001",

"billOfLadingNumber": "",

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"currentScheduledDeliveryDate": "",

"currentScheduledDeliveryTime": "",

"shipToAddressLocationNumber": "",

"shipToLocationCodeQualifier": "",

"shipToAddressName": "TEST ADDRESSEE",

"shipToAddress1": "123 test address",

"shipToAddress2": "",

"shipToCity": "Ambler",

"shipToState": "PA",

"shipToPostalCode": "19002",

"shipToCountry": "US",

"shipToContactName": "TEST CUSTOMER",

"shipToContactPhone": "(215) 555-0001",

"shipToContactFax": "(215) 555-0001",

"shipToContactEmail": "james.mcguire@jillamy.com",

"shipFromLocationCodeQualifier": "",

"shipFromAddressLocationNumber": "",

"shipFromAddressName": "JPW - 200 River Rd Falls Township PA",

"shipFromAddress1": "200 River Rd",

"shipFromAddress2": "Suite 200",

"shipFromCity": "Falls Township",

"shipFromState": "PA",

"shipFromPostalCode": "19030",

"shipFromCountry": "US",

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"shipFromContactPhone": "",

"shipFromContactFax": "",

"shipFromContactEmail": "",

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"carrierTransMethodCode": "",

"carrierAlphaCode": "",

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"equipmentDescriptionCode": "",

"carrierEquipmentNumber": "",

"sealNumber": "",

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"shipmentLadingQuantity": "1",

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"shipmentWeight": "238.6",

"shipmentWeightUOM": "LB",

"shipmentVolume": "53.33",

"shipmentVolumeUOM": "CS",

"fOBPayCode": "",

"fOBLocationQualifier": "",

"fOBLocationDescription": "",

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"shipmentUDF2": "",

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"shipmentUDF7": "",

"shipmentUDF8": "",

"shipmentUDF9": "",

"shipmentUDF10": "",

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"orderWeightQualifier": "G",

"orderWeight": "238.6",

"orderWeightUOM": "LB",

"orderVolume": "53.33",

"orderVolumeUOM": "CS",

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"markForAddressLocationNumber": "",

"markForAddressName": "",

"markForAddress1": "",

"markForAddress2": "",

"markForCity": "",

"markForState": "",

"markForPostalCode": "",

"markForCountry": "",

"markForContactName": "",

"markForContactPhone": "",

"markForContactFax": "",

"markForContactEmail": "",

"buyingPartyLocationCodeQualifier": "",

"buyingPartyAddressLocationNumber": "",

"buyingPartyAddressName": "",

"buyingPartyAddress1": "",

"buyingPartyAddress2": "",

"buyingPartyCity": "",

"buyingPartyState": "",

"buyingPartyPostalCode": "",

"buyingPartyCountry": "",

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"buyingPartyContactFax": "",

"buyingPartyContactEmail": "",

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"orderUDF9": "",

"orderUDF10": "",

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"packWeight": "238.6",

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"packHeight": "48",

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"packUDF7": "",

"packUDF8": "",

"packUDF9": "",

"packUDF10": "",

"lineSequenceNumber": "",

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"buyerPartNumber": "414004-105",

"vendorPartNumber": "VWRI414004-105",

"consumerPackageCode": "",

"eAN": "",

"gTIN": "",

"uPCCaseCode": "",

"natlDrugCode": "",

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"itemWeightUOM": "lb",

"itemVolume": "",

"itemVolumeUOM": "",

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"itemUDF9": "",

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"totalQuantity": "100"

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"tsetPurposeCode": "00",

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"shipToState": "PA",

"shipToPostalCode": "19002",

"shipToCountry": "US",

"shipToContactName": "TEST CUSTOMER",

"shipToContactPhone": "(215) 555-0001",

"shipToContactFax": "(215) 555-0001",

"shipToContactEmail": "james.mcguire@jillamy.com",

"shipFromLocationCodeQualifier": "",

"shipFromAddressLocationNumber": "",

"shipFromAddressName": "JPW - 200 River Rd Falls Township PA",

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"shipFromAddress2": "Suite 200",

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"shipFromState": "PA",

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"shipmentVolumeUOM": "CS",

"fOBPayCode": "",

"fOBLocationQualifier": "",

"fOBLocationDescription": "",

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"shipmentUDF4": "",

"shipmentUDF5": "",

"shipmentUDF6": "",

"shipmentUDF7": "",

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"orderVolumeUOM": "CS",

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"markForState": "",

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"orderUDF10": "",

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"packWeightUOM": "LB",

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"packUDF10": "",

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"vendorPartNumber": "VWRI414004-105",

"consumerPackageCode": "",

"eAN": "",

"gTIN": "",

"uPCCaseCode": "",

"natlDrugCode": "",

"internationalStandardBookNumber": "",

"purchasePrice": "",

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"shipQtyUOM": "",

"outerPack": "",

"innerPack": "",

"itemWeightQualifier": "N",

"itemWeight": ".25",

"itemWeightUOM": "lb",

"itemVolume": "",

"itemVolumeUOM": "",

"productDescription": "",

"itemLotNumbers": "20048320",

"itemSerialNumbers": "",

"itemUDF1": "",

"itemUDF2": "",

"itemUDF3": "",

"itemUDF4": "",

"itemUDF5": "",

"itemUDF6": "ERROR: Field Not Found",

"itemUDF7": "2029-01-01",

"itemUDF8": "cpo20240109a",

"itemUDF9": "",

"itemExpirationDate": "1/1/2029",

"totalQuantity": "100"

}

],

[

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"customerInternalID": "",

"shipmentIdentification": "IF29232",

"itemFulfillmentInternalID": "3962064",

"trandate": "1/9/2024",

"tsetPurposeCode": "00",

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"shipNoticeTime": "12:14:47",

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"shipToAddress2": "",

"shipToCity": "Ambler",

"shipToState": "PA",

"shipToPostalCode": "19002",

"shipToCountry": "US",

"shipToContactName": "TEST CUSTOMER",

"shipToContactPhone": "(215) 555-0001",

"shipToContactFax": "(215) 555-0001",

"shipToContactEmail": "james.mcguire@jillamy.com",

"shipFromLocationCodeQualifier": "",

"shipFromAddressLocationNumber": "",

"shipFromAddressName": "JPW - 200 River Rd Falls Township PA",

"shipFromAddress1": "200 River Rd",

"shipFromAddress2": "Suite 200",

"shipFromCity": "Falls Township",

"shipFromState": "PA",

"shipFromPostalCode": "19030",

"shipFromCountry": "US",

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"shipFromContactPhone": "",

"shipFromContactFax": "",

"shipFromContactEmail": "",

"statusCode": "",

"carrierTransMethodCode": "",

"carrierAlphaCode": "",

"carrierRouting": "Jillamy Transportation Inc.",

"equipmentDescriptionCode": "",

"carrierEquipmentNumber": "",

"sealNumber": "",

"shipmentQtyPackingCode": "",

"shipmentLadingQuantity": "6",

"shipmentWeightQualifier": "G",

"shipmentWeight": "1786",

"shipmentWeightUOM": "LB",

"shipmentVolume": "320",

"shipmentVolumeUOM": "CS",

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"fOBLocationQualifier": "",

"fOBLocationDescription": "",

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"shipmentUDF2": "",

"shipmentUDF3": "",

"shipmentUDF4": "5888",

"shipmentUDF5": "",

"shipmentUDF6": "",

"shipmentUDF7": "",

"shipmentUDF8": "",

"shipmentUDF9": "",

"shipmentUDF10": "",

"customerOrderNumber": "shipment20240109b",

"invoiceNumber": " ",

"purchaseOrderNumber": "cpo20240109b",

"purchaseOrderDate": "",

"department": "",

"vendor": "5888",

"orderQtyPackingCode": "",

"orderLadingQuantity": "6",

"orderWeightQualifier": "G",

"orderWeight": "1786",

"orderWeightUOM": "LB",

"orderVolume": "320",

"orderVolumeUOM": "CS",

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"markForContactEmail": "",

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"vendorPartNumber": "",

"consumerPackageCode": "",

"eAN": "",

"gTIN": "",

"uPCCaseCode": "",

"natlDrugCode": "",

"internationalStandardBookNumber": "",

"purchasePrice": "",

"shipQty": "84",

"shipQtyUOM": "",

"outerPack": "",

"innerPack": "",

"itemWeightQualifier": "N",

"itemWeight": "1.84",

"itemWeightUOM": "lb",

"itemVolume": "",

"itemVolumeUOM": "",

"productDescription": "",

"itemLotNumbers": "200382822",

"itemSerialNumbers": "",

"itemUDF1": "",

"itemUDF2": "",

"itemUDF3": "",

"itemUDF4": "",

"itemUDF5": "",

"itemUDF6": "ERROR: Field Not Found",

"itemUDF7": "2028-01-01",

"itemUDF8": "cpo20240109b",

"itemUDF9": "",

"itemExpirationDate": "1/1/2028",

"totalQuantity": "1000"

}

]

]

filename:

filename in the dataweave

"Avantor\_856\_" ++ now() **as** String {format: "yyyyMMddHHmmssSSS"}

How to generate custom logger in the mulesoft

<?xml version=*"1.0"* encoding=*"utf-8"*?>

<Configuration>

<!--These are some of the loggers you can enable. There are several more

you can find in the documentation. Besides this log4j configuration, you

can also use Java VM environment variables to enable other logs like network

(-Djavax.net.debug=ssl or all) and Garbage Collector (-XX:+PrintGC). These

will be append to the console, so you will see them in the mule\_ee.log file. -->

<Appenders>

<RollingFile name=*"file"*

fileName=*"${sys:mule.home}${sys:file.separator}logs${sys:file.separator}netsuite-sfc-papi.log"*

filePattern=*"${sys:mule.home}${sys:file.separator}logs${sys:file.separator}netsuite-sfc-papi-%i.log"*>

<PatternLayout

pattern=*"%-5p %d [%t] [processor: %X{processorPath}; event: %X{correlationId}] %c: %m%n"* />

<SizeBasedTriggeringPolicy size=*"10 MB"* />

<DefaultRolloverStrategy max=*"10"* />

</RollingFile>

<RollingFile name=*"com.jillamy.sfc.papi.debugappender"*

fileName=*"${sys:mule.home}${sys:file.separator}logs${sys:file.separator}com.jillamy.sfc.papi.debugappender.log"*

filePattern=*"${sys:mule.home}${sys:file.separator}logs${sys:file.separator}batch-process-%i.log"*>

<PatternLayout

pattern=*"%-5p %d [%t] [processor: %X{processorPath}; event: %X{correlationId}] %c: %m%n"* />

<SizeBasedTriggeringPolicy size=*"10 MB"* />

<DefaultRolloverStrategy max=*"10"* />

</RollingFile>

</Appenders>

<Loggers>

<!-- Http Logger shows wire traffic on DEBUG -->

<!--AsyncLogger name="org.mule.service.http.impl.service.HttpMessageLogger"

level="DEBUG"/ -->

<AsyncLogger name=*"org.mule.service.http"* level=*"WARN"* />

<AsyncLogger name=*"org.mule.extension.http"* level=*"WARN"* />

<AsyncLogger name=*"com.jillamy.sfc.papi.debug"*

level=*"DEBUG"*>

<AppenderRef ref=*"com.jillamy.sfc.papi.debugappender"* />

</AsyncLogger>

<!-- Mule logger -->

<AsyncLogger

name=*"org.mule.runtime.core.internal.processor.LoggerMessageProcessor"*

level=*"INFO"* />

<AsyncRoot level=*"INFO"*>

<AppenderRef ref=*"file"* />

</AsyncRoot>

</Loggers>

</Configuration>

Dataweave expression

Input

[

{

"FirstName": "sande",

"LastName": "shirisha",

"Gender": "F"

}

]

Dataweave expression

%dw 2.0

output application/json

---

payload map {

"FullName": (if($.Gender == "M") "Mr."

else if($.Gender == "F") "Ms."

else " ") ++ ($.FirstName) ++" "++ ($.LastName)

}

Output

[

{

"FullName": "Ms.sande shirisha"

}

]

Dataweave expression

Input

[1,2,3,4,5,1]

Dataweave expression

%dw 2.0

output application/json //skipNullOn="everywhere"

var x ={

"one" : 1 , "two" : 2}

var y = valuesOf(x)

---

payload map (item, index) -> keysOf( x filterObject ((value, key, index)-> (value contains item ) ))[0] default "not found"

output

[

"one",

"two",

"not found",

"not found",

"not found",

"one"

]

Error response(service unavailable for http)

If it is connecting with api manager can you please pass the anypoint\_client\_id and anypoint\_client\_secret runtime

Other wise can you please pass “-Danypoint.platform.gatekeeper=disabled” in the runtime it will allow the access for endpoint

Dataweave expression

Input

{

"column\_0": "BNANew Item",

"column\_1": "BN:O123Item",

"column\_2": ""

}

Dataweave expression

%dw 2.0

output application/json

---

payload mapObject ((value, key, index) -> {

((value[(0 to 2)]default "" ): (value) replace (value[0 to 2]) with "" )if(!isEmpty(value))

} )

Output

{

"BNA": "New Item",

"BN:": "O123Item"

}

Dataweave expression with match(swich)

%dw 2.0

output application/json

var choice= 2 as Number

var amount= 1000 as Number

var withdraw= 5000 as Number

---

choice as Number match {

case 1 -> "YOUR BALANCE IN Rs : " ++ amount

case 2 -> if((withdraw mod 100) != 0)

{

"AMOUNT": "\n PLEASE ENTER THE AMOUNT IN MULTIPLES OF 100"

}

else if (withdraw > (amount - 500))

{

"BALANCE": "\n INSUFFICENT BALANCE"

}

else

{

"amount" : amount - withdraw,

"BALANCE": "\n\n PLEASE COLLECT CASH"

++ "YOUR CURRENT BALANCE IS :" ++ amount

}

}

Dataweave

"\*#\*\*\*"

How to use dataweave custom function in the mulesoft

Main use of the dataweave custom function is code reausebulity in the mulesoft

Dataweave expression

1. Input
2. ----------
3. [{
4. "firstName": "shirisha",
5. "secondName": "sande",
6. "totalMarks": "400"
7. },
8. {
9. "firstName": "shirisha",
10. "secondName": "sande",
11. "totalMarks": "100"
12. }]

Dataweave expression

%dw 2.0

output application/json

fun result(marks) = if(marks >= 400) "PASS" else "FAIL"

---

payload map {

"fullName": $.secondName ++ $.firstName,

"result": result($.totalMarks)

}

Output

[

{

"fullName": "sandeshirisha",

"result": "PASS"

},

{

"fullName": "sandeshirisha",

"result": "FAIL"

}

]

Dataweave expression

Input

[{

"firstName": "shirisha",

"secondName": "sande",

"totalMarks": "400",

"gender": "F",

"attendents": 1

},

{

"firstName": "Vamshi",

"secondName": "sande",

"totalMarks": "100",

"gender": "M",

"attendents": 0

}]

Dataweave expression

%dw 2.0

output application/json

fun result(marks) = if(marks >= 400) "PASS"

else if (marks ~= 1) "ok" else "FAIL"

---

payload map {

"fullName": $.secondName ++ $.firstName,

"result": result($.totalMarks),

"Attendents": result($.attendents)

}

Output

[

{

"fullName": "sandeshirisha",

"result": "PASS",

"Attendents": "ok"

},

{

"fullName": "sandeVamshi",

"result": "FAIL",

"Attendents": "FAIL"

}

]

HOW TO GENARATE OAUTH TOKEN IN THE BROWSER FOR MULESOFT ENDPOINTS

[How to Get the Anypoint Authorization Access or Bearer Token from Chrome Browser Session | MuleSoft Help Center](https://help.mulesoft.com/s/article/How-to-Get-the-Anypoint-Authorization-Access-or-Bearer-Token-from-Chrome-Browser-Session)

Anypoint partner manager automation

Follow this BROWSER

[Partner Manager v2 Partners API (mulesoft.com)](https://anypoint.mulesoft.com/exchange/portals/anypoint-platform/f1e97bc6-315a-4490-82a7-23abe036327a.anypoint-platform/partner-manager-v2-partners-api/minor/1.0/pages/home/)

1. Automation for generating partner
2. Automation for generating certificates
3. Automation for generating endpoint
4. Automation for generating identifiers

Dataweave expression

Input

{

"column\_0": "MULESOFT eee",

"column\_1": "JAVA it",

"column\_2": null,

"column\_3": "it"

}

Dataweave expression

%dw 2.0

output application/json

---

payload filterObject (!isEmpty($)) mapObject ({

(($[0 to 2] default "test"): $[3 to sizeOf($)-1] default "Ready")})

(or)

%dw 2.0

output application/json

---

payload mapObject ({

(($[0 to 2]): $ replace ($[0 to 2]) with "" )if(!isEmpty($))})

(or)

payload mapObject ({

(($[0 to 2] default "test"): $[3 to sizeOf($)-1] default "Ready")if(!isEmpty($))})

Output

{

"MUL": "ESOFT eee",

"JAV": "A it",

"test": "Ready"

}

Dataweave file format

"download/JSON/file/siri" ++ now() as String {format: "yyyyMMddHHmmssSSS"} ++ ".json"

How to add extra fields in the exciting json data

[

{

"data": "23",

"data1": {

"name": "123"

}

}

]

Dataweave expression

payload map ((item, index) ->

item update {

case .data1 -> {

"number": item.data1.name,

"name": "java"

}

})

Output

[

{

"data": "23",

"data1": {

"number": "123",

"name": "java"

}

}

]

Input

[

{

"data": "23",

"data1": [{

"name": "123",

"item": {

"crs1": "java"

}

}

]

}

]

Dataweave expression

payload map ((item, index) ->

item update {

case data1 at .data1 -> (data1 map (item1, index) -> (item1 update {

case item at .item -> {

"crs1": item.crs1,

"crs2": "mulesoft"

}

}))

Output

[

{

"data": "23",

"data1": [

{

"name": "123",

"item": {

"crs1": "java",

"crs2": "mulesoft"

}

}

]

}

]

Input

[

{

"data": "23",

"data1": [{

"name": "123"

}]

},

{

"data": "23",

"data1": [{

"name": "123@"

}]

}

]

Dataweave expression

payload map ((item, index) ->

item update {

case .data1 -> {

"number": item.data1.name[0],

"name": "java"

}

})

Output

payload map ((item, index) ->

item update {

case .data1 -> {

"number": item.data1.name[0],

"name": "java"

}

})

If you want to change key name use update function

[

{

"data": "23",

"data1": [{

"name": "123"

}]

},

{

"data": "23",

"data1": [{

"name": "123@"

}]

}

]

Dataweave expression in the dataweave

payload map ((item, index) ->

item update {

case .data1 -> {

"number": item.data1.name[0],

"name": "java"

}

})

Dataweave output

[

{

"data": "23",

"data1": {

"number": "123",

"name": "java"

}

},

{

"data": "23",

"data1": {

"number": "123@",

"name": "java"

}

}

]

Update function with some filter condition

Input

[

{

"data": "23",

"data1": [{

"name": "123"

}]

},

{

"data": "23",

"data1": [{

"name": "123@"

}]

}

Dataweave expression

payload map ((item, index) ->

item update {

case .data1 -> [{

("number": (item.data1.name[0])) if(item.data1.name[0] == "123"),

"name1": "java"

}]

})

Output

[

{

"data": "23",

"data1": [

{

"number": "123",

"name1": "java"

}

]

},

{

"data": "23",

"data1": [

{

"name1": "java"

}

]

}

]

Input

[

{

"data": "23",

"data1": [{

"name": "123"

}]

},

{

"data": "23",

"data1": [{

"name": "123@"

}]

}

Dataweave expression

payload map ((item, index) ->

item update {

case .data1 -> {

"number": if(item.data1.name[0] == "123") (item.data1.name[0]) else "",

"name1": "java"

}

})

Output

[

{

"data": "23",

"data1": {

"number": "123",

"name1": "java"

}

},

{

"data": "23",

"data1": {

"number": "",

"name1": "java"

}

}

]

Input

[

{

"data": {

"name":"23"

},

"data1": [{

"name": "123"

}]

},

{

"data": {

"name":"23"

},

"data1": [{

"name": "123@"

}]

}

Dataweave expression

payload map ((item, index) ->

item update {

case .data1 -> {

"number": if(item.data1.name[0] == "123") (item.data1.name[0]) else "",

"name1": "java"

}

case data at .data -> item.data.name

})

Output

[

{

"data": "23",

"data1": {

"number": "123",

"name1": "java"

}

},

{

"data": "23",

"data1": {

"number": "",

"name1": "java"

}

}

]

Update multiple value in the input payload use selector opearation

Input

---------

[

{

"tranDate": "2023-12-27T21:00:00.000-08:00",

"createdDate": "2023-12-28T13:29:51.000-08:00",

"tranId": "IA2041",

"lastModifiedDate": "2024-02-15T10:29:49.000-08:00",

"subsidiary": {

"name": "Jillamy Packaging & Warehouse"

},

"account": {

"name": "5100 Cost of Goods Sold : Inventory Adjustment"

},

"customForm": {

"name": "Jillamy, Inc. - Inventory Adjustment"

},

"estimatedTotalValue": "0.0",

"customer": {

"name": "BDP International, Inc (Avantor)"

},

"adjLocation": {

"name": "JPW - 200 River Rd Falls Township PA"

},

"inventoryList": {

"inventory": {

"item": {

"name": "inactive-10040-436"

},

"line": "1",

"inventoryDetail": {

"inventoryAssignmentList": {

"inventoryAssignment": {

"internalId": "2991836",

"issueInventoryNumber": {

"name": "231118055A"

},

"binNumber": {

"name": "A-1-001"

},

"quantity": "-5.0",

"expirationDate": "2026-11-17T21:00:00.000-08:00",

"quantityAvailable": "271.0",

"inventoryStatus": {

"name": "Good"

}

},

"inventoryAssignment": {

"internalId": "2991836",

"issueInventoryNumber": {

"name": "231118055A"

},

"binNumber": {

"name": "A-1-001"

},

"quantity": "-5.0",

"expirationDate": "2026-11-17T21:00:00.000-08:00",

"quantityAvailable": "271.0",

"inventoryStatus": {

"name": "Good"

}

}

}

},

"description": "VWR FILTER UNIT PES 75MM 0.2U 500ML CS12",

"location": {

"name": "JPW - 200 River Rd Falls Township PA"

},

"units": {

"name": "CS"

},

"quantityOnHand": "276.0",

"currentValue": "0.0",

"adjustQtyBy": "-5.0",

"newQuantity": "271.0",

"unitCost": "0.0"

}

},

"customFieldList": {

"StringCustomFieldRef\_\_custbody\_947\_vpn": {

"value": "98765"

},

"SelectCustomFieldRef\_\_custbody\_ms\_movement\_codes": {

"value": {

"name": "1600\_Cycle Count"

}

},

"SelectCustomFieldRef\_\_custbody\_system\_integration\_status": {

"value": {

"name": "Ready"

}

}

},

"inventoryAdjustmentInternalId": "3902094"

}

]

Dataweave expression

payload map ((item, index) ->

item update{

case .inventoryList.inventory.inventoryDetail.inventoryAssignmentList.\*inventoryAssignment.binNumber -> $.name

}

)

Output

[

{

"tranDate": "2023-12-27T21:00:00.000-08:00",

"createdDate": "2023-12-28T13:29:51.000-08:00",

"tranId": "IA2041",

"lastModifiedDate": "2024-02-15T10:29:49.000-08:00",

"subsidiary": {

"name": "Jillamy Packaging & Warehouse"

},

"account": {

"name": "5100 Cost of Goods Sold : Inventory Adjustment"

},

"customForm": {

"name": "Jillamy, Inc. - Inventory Adjustment"

},

"estimatedTotalValue": "0.0",

"customer": {

"name": "BDP International, Inc (Avantor)"

},

"adjLocation": {

"name": "JPW - 200 River Rd Falls Township PA"

},

"inventoryList": {

"inventory": {

"item": {

"name": "inactive-10040-436"

},

"line": "1",

"inventoryDetail": {

"inventoryAssignmentList": {

"inventoryAssignment": {

"internalId": "2991836",

"issueInventoryNumber": {

"name": "231118055A"

},

"binNumber": "A-1-001",

"quantity": "-5.0",

"expirationDate": "2026-11-17T21:00:00.000-08:00",

"quantityAvailable": "271.0",

"inventoryStatus": {

"name": "Good"

}

},

"inventoryAssignment": {

"internalId": "2991836",

"issueInventoryNumber": {

"name": "231118055A"

},

"binNumber": "A-1-001",

"quantity": "-5.0",

"expirationDate": "2026-11-17T21:00:00.000-08:00",

"quantityAvailable": "271.0",

"inventoryStatus": {

"name": "Good"

}

}

}

},

"description": "VWR FILTER UNIT PES 75MM 0.2U 500ML CS12",

"location": {

"name": "JPW - 200 River Rd Falls Township PA"

},

"units": {

"name": "CS"

},

"quantityOnHand": "276.0",

"currentValue": "0.0",

"adjustQtyBy": "-5.0",

"newQuantity": "271.0",

"unitCost": "0.0"

}

},

"customFieldList": {

"StringCustomFieldRef\_\_custbody\_947\_vpn": {

"value": "98765"

},

"SelectCustomFieldRef\_\_custbody\_ms\_movement\_codes": {

"value": {

"name": "1600\_Cycle Count"

}

},

"SelectCustomFieldRef\_\_custbody\_system\_integration\_status": {

"value": {

"name": "Ready"

}

}

},

"inventoryAdjustmentInternalId": "3902094"

}

]

Input payload

[

    {

        "createdDate": "2022-06-03T06:22:21.000-07:00",

        "lastModifiedDate": "2024-02-14T21:16:50.000-08:00",

        "customForm": {

            "name": "Jillamy, Inc. - Item Fulfillment Form"

        },

        "entity": {

            "name": "Manildra"

        },

        "createdFrom": {

            "name": "Sales Order #SO918"

        },

        "createdFromShipGroup": "1",

        "shippingAddress": {

            "country": "\_canada",

            "addressee": "CANADA BREAD CO. LTD",

            "addr1": "BOULANGERIE CANADA BREAD LIMITEE",

            "addr2": "745 NEBO RD",

            "city": "HANNON",

            "state": "ON",

            "zip": "L0R 1P0",

            "addrText": "CANADA BREAD CO. LTD\nBOULANGERIE CANADA BREAD LIMITEE\n745 NEBO RD \nHANNON ON L0R 1P0\nCanada",

            "override": "false"

        },

        "shipIsResidential": "false",

        "shipAddressList": {

            "name": "BOULANGERIE CANADA BREAD LIMITEE"

        },

        "shipStatus": "\_shipped",

        "tranDate": "2022-06-02T21:00:00.000-07:00",

        "tranId": "IF934",

        "shipMethod": {

            "name": "XPO Logistics"

        },

        "shippingCost": "0.0",

        "packageList": {

            "package": {

                "packageWeight": "1000.0",

                "packageDescr": "185517"

            }

        },

        "customFieldList": {

            "StringCustomFieldRef\_\_custbody\_bol\_total\_item\_weight": {

                "value": "1000 lb"

            },

            "DoubleCustomFieldRef\_\_custbody\_jil\_total\_weight\_auto": {

                "value": "0.0"

            },

            "StringCustomFieldRef\_\_custbody\_ms\_total\_shipping\_units": {

                "value": "20"

            },

            "StringCustomFieldRef\_\_custbody\_created\_from\_transaction": {

                "value": "#SO918"

            },

            "StringCustomFieldRef\_\_custbody\_wmsse\_transactiontype": {

                "value": "SalesOrd"

            },

            "LongCustomFieldRef\_\_custbody\_total\_pallets\_shipped": {

                "value": "1"

            },

            "BooleanCustomFieldRef\_\_custbody\_sps\_batched\_print\_com": {

                "value": "false"

            },

            "BooleanCustomFieldRef\_\_custbody\_sps\_package\_validation\_bypass": {

                "value": "false"

            },

            "BooleanCustomFieldRef\_\_custbody\_ms\_shipment\_complete": {

                "value": "false"

            },

            "SelectCustomFieldRef\_\_custbody\_system\_integration\_status": {

                "value": {

                    "name": "Ready"

                }

            },

            "StringCustomFieldRef\_\_custbody\_sps\_ponum\_from\_salesorder": {

                "value": "185721"

            },

            "SelectCustomFieldRef\_\_custbody\_sps\_package\_data\_source": {

                "value": {

                    "name": "SPS"

                }

            },

            "StringCustomFieldRef\_\_custbody\_if\_bol\_notes": {

                "value": "tl#4632239"

            },

            "DoubleCustomFieldRef\_\_custbody\_jil\_total\_qty\_auto": {

                "value": "20.0"

            },

            "DoubleCustomFieldRef\_\_custbody\_bol\_fullfilment\_weight": {

                "value": "1000.0"

            },

            "BooleanCustomFieldRef\_\_custbodychep\_pallets": {

                "value": "false"

            },

            "StringCustomFieldRef\_\_custbody\_created\_from\_order": {

                "value": "185721"

            }

        },

        "itemList": [

            {

                "itemReceive": "true",

                "itemName": "ST-AFBGMB",

                "description": "FIBERGEM - 50LB",

                "location": {

                    "name": "JPW - 696/700/750/790 Jacksonville Rd, PA PP:Tony,Da"

                },

                "onHand": "0.0",

                "quantity": "20.0",

                "unitsDisplay": "BG",

                "inventoryDetail": {

                    "inventoryAssignmentList": {

                        "inventoryAssignment": {

                            "internalId": "119908",

                            "issueInventoryNumber": {

                                "name": "11/01/21"

                            },

                            "binNumber": {

                                "name": "JK-007"

                            },

                            "quantity": "20.0",

                            "quantityAvailable": "20.0",

                            "inventoryStatus": {

                                "name": "Good"

                            }

                        }

                    }

                },

                "item": {

                    "name": "ST-AFBGMB"

                },

                "orderLine": "1",

                "quantityRemaining": "20.0",

                "customFieldList": {

                    "SelectCustomFieldRef\_\_custcol\_freight\_class": {

                        "value": {

                            "name": "65"

                        }

                    },

                    "StringCustomFieldRef\_\_custcol\_item\_display\_name": {

                        "value": "FIBERGEM - 50LB"

                    },

                    "DoubleCustomFieldRef\_\_custcol\_piece\_weight": {

                        "value": "50.0"

                    },

                    "DoubleCustomFieldRef\_\_custcol\_line\_weight": {

                        "value": "0.0"

                    },

                    "DoubleCustomFieldRef\_\_custcol\_if\_bol\_col\_weight": {

                        "value": "1000.0"

                    },

                    "DoubleCustomFieldRef\_\_custcol\_if\_bol\_col\_weight\_item": {

                        "value": "50.0"

                    },

                    "StringCustomFieldRef\_\_custcol\_bol\_weight\_units\_show": {

                        "value": "lb"

                    },

                    "StringCustomFieldRef\_\_custcol\_line\_seq": {

                        "value": "1"

                    }

                }

            }

        ],

        "itemFulfillmentInternalId": "185517"

    },

    {

        "createdDate": "2022-06-08T11:42:44.000-07:00",

        "lastModifiedDate": "2024-02-14T21:16:51.000-08:00",

        "customForm": {

            "name": "Jillamy, Inc. - Item Fulfillment Form"

        },

        "entity": {

            "name": "Manildra"

        },

        "createdFrom": {

            "name": "Sales Order #SO956"

        },

        "createdFromShipGroup": "1",

        "shippingAddress": {

            "country": "\_unitedStates",

            "attention": "NESTLE USA - PIZZA",

            "addressee": "US PL LITTLE CHUTE",

            "addr1": "401 W NORTH AVENUE",

            "addr2": "OUTAGAMIE",

            "city": "LITTLE CHUTE",

            "state": "WI",

            "zip": "54140",

            "addrText": "NESTLE USA - PIZZA\nUS PL LITTLE CHUTE\n401 W NORTH AVENUE\nOUTAGAMIE\nLITTLE CHUTE WI 54140\nUnited States",

            "override": "false"

        },

        "shipIsResidential": "false",

        "shipAddressList": {

            "name": "NESTLE - LITTLE CHUTE"

        },

        "shipStatus": "\_shipped",

        "tranDate": "2022-06-07T21:00:00.000-07:00",

        "tranId": "IF982",

        "shipMethod": {

            "name": "Customer Pick-Up"

        },

        "shippingCost": "0.0",

        "packageList": {

            "package": {

                "packageWeight": "41664.0",

                "packageDescr": "195640"

            }

        },

        "customFieldList": {

            "StringCustomFieldRef\_\_custbody\_bol\_seal\_number": {

                "value": "2244437"

            },

            "StringCustomFieldRef\_\_custbody\_bol\_total\_item\_weight": {

                "value": "41664 lb"

            },

            "DoubleCustomFieldRef\_\_custbody\_jil\_total\_weight\_auto": {

                "value": "0.0"

            },

            "StringCustomFieldRef\_\_custbody\_ms\_total\_shipping\_units": {

                "value": "21"

            },

            "StringCustomFieldRef\_\_custbody\_created\_from\_transaction": {

                "value": "#SO956"

            },

            "StringCustomFieldRef\_\_custbody\_wmsse\_transactiontype": {

                "value": "SalesOrd"

            },

            "LongCustomFieldRef\_\_custbody\_total\_pallets\_shipped": {

                "value": "21"

            },

            "BooleanCustomFieldRef\_\_custbody\_sps\_batched\_print\_com": {

                "value": "false"

            },

            "BooleanCustomFieldRef\_\_custbody\_sps\_package\_validation\_bypass": {

                "value": "false"

            },

            "BooleanCustomFieldRef\_\_custbody\_ms\_shipment\_complete": {

                "value": "false"

            },

            "SelectCustomFieldRef\_\_custbody\_system\_integration\_status": {

                "value": {

                    "name": "Ready"

                }

            },

            "StringCustomFieldRef\_\_custbody\_sps\_ponum\_from\_salesorder": {

                "value": "185962"

            },

            "SelectCustomFieldRef\_\_custbody\_sps\_package\_data\_source": {

                "value": {

                    "name": "SPS"

                }

            },

            "StringCustomFieldRef\_\_custbody\_if\_bol\_notes": {

                "value": "TR#UL53867\nSITE# 0100937131 BOMADERRY"

            },

            "DoubleCustomFieldRef\_\_custbody\_jil\_total\_qty\_auto": {

                "value": "21.0"

            },

            "DoubleCustomFieldRef\_\_custbody\_bol\_fullfilment\_weight": {

                "value": "41664.0"

            },

            "BooleanCustomFieldRef\_\_custbodychep\_pallets": {

                "value": "false"

            },

            "StringCustomFieldRef\_\_custbody\_created\_from\_order": {

                "value": "185962"

            }

        },

        "itemList": [

            {

                "itemReceive": "true",

                "itemName": "GL-AUST",

                "description": "WHEAT GLUTEN TOTE - 900KG",

                "location": {

                    "name": "JPW - 696/700/750/790 Jacksonville Rd, PA PP:Tony,Da"

                },

                "onHand": "0.0",

                "quantity": "21.0",

                "unitsDisplay": "TT",

                "inventoryDetail": {

                    "inventoryAssignmentList": {

                        "inventoryAssignment": {

                            "internalId": "126090",

                            "issueInventoryNumber": {

                                "name": "11/11/21"

                            },

                            "binNumber": {

                                "name": "JK-007"

                            },

                            "quantity": "1.0",

                            "quantityAvailable": "1.0",

                            "inventoryStatus": {

                                "name": "Good"

                            }

                        },

                        "inventoryAssignment": {

                            "internalId": "126091",

                            "issueInventoryNumber": {

                                "name": "02/26/22"

                            },

                            "binNumber": {

                                "name": "JK-007"

                            },

                            "quantity": "10.0",

                            "quantityAvailable": "10.0",

                            "inventoryStatus": {

                                "name": "Good"

                            }

                        },

                        "inventoryAssignment": {

                            "internalId": "126092",

                            "issueInventoryNumber": {

                                "name": "02/26/22"

                            },

                            "binNumber": {

                                "name": "JK-007"

                            },

                            "quantity": "10.0",

                            "quantityAvailable": "10.0",

                            "inventoryStatus": {

                                "name": "Good"

                            }

                        }

                    }

                },

                "item": {

                    "name": "GL-AUST"

                },

                "orderLine": "1",

                "quantityRemaining": "21.0",

                "customFieldList": {

                    "SelectCustomFieldRef\_\_custcol\_freight\_class": {

                        "value": {

                            "name": "65"

                        }

                    },

                    "StringCustomFieldRef\_\_custcol\_nmfc": {

                        "value": "02/26/22-20, 11/11/21-1"

                    },

                    "StringCustomFieldRef\_\_custcol\_item\_display\_name": {

                        "value": "WHEAT GLUTEN TOTE - 900KG"

                    },

                    "DoubleCustomFieldRef\_\_custcol\_piece\_weight": {

                        "value": "1984.0"

                    },

                    "DoubleCustomFieldRef\_\_custcol\_line\_weight": {

                        "value": "0.0"

                    },

                    "DoubleCustomFieldRef\_\_custcol\_if\_bol\_col\_weight": {

                        "value": "41664.0"

                    },

                    "DoubleCustomFieldRef\_\_custcol\_if\_bol\_col\_weight\_item": {

                        "value": "1984.0"

                    },

                    "StringCustomFieldRef\_\_custcol\_bol\_weight\_units\_show": {

                        "value": "lb"

                    },

                    "StringCustomFieldRef\_\_custcol\_line\_seq": {

                        "value": "1"

                    }

                }

            }

        ],

        "itemFulfillmentInternalId": "195640"

    },

    {

        "createdDate": "2024-01-03T12:48:58.000-08:00",

        "lastModifiedDate": "2024-02-14T21:16:49.000-08:00",

        "customForm": {

            "name": "Jillamy, Inc. - Item Fulfillment Form"

        },

        "entity": {

            "name": "BDP International, Inc (Avantor)"

        },

        "createdFrom": {

            "name": "Sales Order #SO29562"

        },

        "createdFromShipGroup": "1",

        "shippingAddress": {

            "country": "\_unitedStates",

            "addressee": "BDP International, Inc",

            "addr1": "510 Walnut Street",

            "addr2": "Accounting Dept. 3rd Floor",

            "city": "Philadelphia",

            "state": "PA",

            "zip": "19106",

            "addrText": "BDP International, Inc\n510 Walnut Street\nAccounting Dept. 3rd Floor\nPhiladelphia PA 19106\nUnited States",

            "override": "false"

        },

        "shipIsResidential": "false",

        "shipAddressList": {

            "name": "510 Walnut Street"

        },

        "shipStatus": "\_shipped",

        "tranDate": "2024-01-02T21:00:00.000-08:00",

        "tranId": "IF29208",

        "shipMethod": {

            "name": "Jillamy Transportation Inc."

        },

        "shippingCost": "0.0",

        "packageList": {

            "package": {

                "packageWeight": "40.5",

                "packageDescr": "3931799"

            }

        },

        "customFieldList": {

            "SelectCustomFieldRef\_\_custbody\_sfc\_status": {

                "value": {

                    "name": "Sent"

                }

            },

            "LongCustomFieldRef\_\_custbody\_sps\_trans\_carton\_ct": {

                "value": "1"

            },

            "StringCustomFieldRef\_\_custbody\_bol\_seal\_number": {

                "value": "seal13a"

            },

            "StringCustomFieldRef\_\_custbody\_jil\_cust\_po\_num": {

                "value": "7021177276A"

            },

            "StringCustomFieldRef\_\_custbody\_bol\_total\_item\_weight": {

                "value": "40.5 lb"

            },

            "DoubleCustomFieldRef\_\_custbody\_jil\_total\_weight\_auto": {

                "value": "40.5"

            },

            "StringCustomFieldRef\_\_custbody\_ms\_total\_shipping\_units": {

                "value": "5"

            },

            "StringCustomFieldRef\_\_custbody\_created\_from\_transaction": {

                "value": "O29562"

            },

            "DateCustomFieldRef\_\_custbody\_jil\_delivery\_time": {

                "value": "1970-01-01T00:00:00.000-08:00"

            },

            "DoubleCustomFieldRef\_\_custbody\_total\_fulfillment\_weight": {

                "value": "40.5"

            },

            "SelectCustomFieldRef\_\_custbody\_856\_asn\_message\_status": {

                "value": {

                    "name": "Sent"

                }

            },

            "StringCustomFieldRef\_\_custbody\_jil\_trackingnumber": {

                "value": "tracking13a"

            },

            "StringCustomFieldRef\_\_custbody\_wmsse\_transactiontype": {

                "value": "SalesOrd"

            },

            "LongCustomFieldRef\_\_custbody\_jil\_total\_pallets": {

                "value": "1"

            },

            "LongCustomFieldRef\_\_custbody\_total\_pallets\_shipped": {

                "value": "1"

            },

            "BooleanCustomFieldRef\_\_custbody\_sps\_batched\_print\_com": {

                "value": "false"

            },

            "BooleanCustomFieldRef\_\_custbody\_sps\_package\_validation\_bypass": {

                "value": "false"

            },

            "BooleanCustomFieldRef\_\_custbody\_ms\_shipment\_complete": {

                "value": "true"

            },

            "DateCustomFieldRef\_\_custbody\_jil\_delivery\_date": {

                "value": "2024-01-15T21:00:00.000-08:00"

            },

            "SelectCustomFieldRef\_\_custbody\_system\_integration\_status": {

                "value": {

                    "name": "Ready"

                }

            },

            "StringCustomFieldRef\_\_custbody\_sps\_ponum\_from\_salesorder": {

                "value": "4516373647A"

            },

            "SelectCustomFieldRef\_\_custbody\_sps\_package\_data\_source": {

                "value": {

                    "name": "SPS"

                }

            },

            "StringCustomFieldRef\_\_custbody\_jil\_delivery\_instructions": {

                "value": "instructions test 1"

            },

            "DoubleCustomFieldRef\_\_custbody\_jil\_total\_qty\_auto": {

                "value": "5.0"

            },

            "DoubleCustomFieldRef\_\_custbody\_bol\_fullfilment\_weight": {

                "value": "40.5"

            },

            "BooleanCustomFieldRef\_\_custbodychep\_pallets": {

                "value": "false"

            },

            "StringCustomFieldRef\_\_custbody\_bol\_trailer\_number": {

                "value": "trailer13a"

            },

            "StringCustomFieldRef\_\_custbody\_created\_from\_order": {

                "value": "4516373647A"

            },

            "DoubleCustomFieldRef\_\_custbody\_edi\_estimatedpalletqty": {

                "value": "1.0"

            }

        },

        "itemList": [

            {

                "itemReceive": "true",

                "itemName": "inactive-10040-436",

                "description": "VWR FILTER UNIT PES 75MM 0.2U 500ML CS12",

                "location": {

                    "name": "JPW - 200 River Rd Falls Township PA"

                },

                "onHand": "361.0",

                "quantity": "5.0",

                "unitsDisplay": "CS",

                "inventoryDetail": {

                    "inventoryAssignmentList": {

                        "inventoryAssignment": {

                            "internalId": "2992103",

                            "issueInventoryNumber": {

                                "name": "55555555"

                            },

                            "binNumber": {

                                "name": "A-1-005"

                            },

                            "quantity": "5.0",

                            "expirationDate": "2027-12-31T21:00:00.000-08:00",

                            "quantityAvailable": "100.0",

                            "inventoryStatus": {

                                "name": "Good"

                            }

                        }

                    }

                },

                "item": {

                    "name": "inactive-10040-436"

                },

                "orderLine": "1",

                "quantityRemaining": "5.0",

                "customFieldList": {

                    "DoubleCustomFieldRef\_\_custcol\_piece\_weight": {

                        "value": "8.1"

                    },

                    "DoubleCustomFieldRef\_\_custcol\_line\_weight": {

                        "value": "40.5"

                    },

                    "DoubleCustomFieldRef\_\_custcol\_bol\_roll\_width": {

                        "value": "15.4"

                    },

                    "DoubleCustomFieldRef\_\_custcol\_if\_bol\_col\_weight": {

                        "value": "40.5"

                    },

                    "DoubleCustomFieldRef\_\_custcol\_if\_bol\_col\_weight\_item": {

                        "value": "8.1"

                    },

                    "DoubleCustomFieldRef\_\_custcol\_bol\_qty\_handling\_unit": {

                        "value": "5.0"

                    },

                    "StringCustomFieldRef\_\_custcol\_bol\_weight\_units\_show": {

                        "value": "lb"

                    },

                    "DoubleCustomFieldRef\_\_custcol\_sps\_qtypacked": {

                        "value": "5.0"

                    },

                    "LongCustomFieldRef\_\_custcol\_chr\_line\_unique\_key": {

                        "value": "5559363"

                    },

                    "DoubleCustomFieldRef\_\_custcol\_qty\_lvl\_1": {

                        "value": "1.0"

                    },

                    "DoubleCustomFieldRef\_\_custcol\_qty\_lvl\_2": {

                        "value": "1.0"

                    },

                    "DoubleCustomFieldRef\_\_custcol\_qty\_lvl\_3": {

                        "value": "1.0"

                    },

                    "StringCustomFieldRef\_\_custcol\_line\_seq": {

                        "value": "1"

                    },

                    "StringCustomFieldRef\_\_custcol\_ms\_vpn": {

                        "value": "98765"

                    },

                    "DoubleCustomFieldRef\_\_custcol\_avantor\_cs\_convert": {

                        "value": "5.0"

                    }

                }

            }

        ],

        "itemFulfillmentInternalId": "3931799"

    }

]

Dataweave expression

%dw 2.0

output application/json

---

payload map ((item, index) ->

item update{

case itemList at .itemList -> (itemList map(obj,index) -> (obj update { case item at .item -> {"statusCode": "CC","itemName":item.name,

"qualifier": "BP"} }))

}

)

Output payload

[

{

"createdDate": "2022-06-03T06:22:21.000-07:00",

"lastModifiedDate": "2024-02-14T21:16:50.000-08:00",

"customForm": {

"name": "Jillamy, Inc. - Item Fulfillment Form"

},

"entity": {

"name": "Manildra"

},

"createdFrom": {

"name": "Sales Order #SO918"

},

"createdFromShipGroup": "1",

"shippingAddress": {

"country": "\_canada",

"addressee": "CANADA BREAD CO. LTD",

"addr1": "BOULANGERIE CANADA BREAD LIMITEE",

"addr2": "745 NEBO RD",

"city": "HANNON",

"state": "ON",

"zip": "L0R 1P0",

"addrText": "CANADA BREAD CO. LTD\nBOULANGERIE CANADA BREAD LIMITEE\n745 NEBO RD \nHANNON ON L0R 1P0\nCanada",

"override": "false"

},

"shipIsResidential": "false",

"shipAddressList": {

"name": "BOULANGERIE CANADA BREAD LIMITEE"

},

"shipStatus": "\_shipped",

"tranDate": "2022-06-02T21:00:00.000-07:00",

"tranId": "IF934",

"shipMethod": {

"name": "XPO Logistics"

},

"shippingCost": "0.0",

"packageList": {

"package": {

"packageWeight": "1000.0",

"packageDescr": "185517"

}

},

"customFieldList": {

"StringCustomFieldRef\_\_custbody\_bol\_total\_item\_weight": {

"value": "1000 lb"

},

"DoubleCustomFieldRef\_\_custbody\_jil\_total\_weight\_auto": {

"value": "0.0"

},

"StringCustomFieldRef\_\_custbody\_ms\_total\_shipping\_units": {

"value": "20"

},

"StringCustomFieldRef\_\_custbody\_created\_from\_transaction": {

"value": "#SO918"

},

"StringCustomFieldRef\_\_custbody\_wmsse\_transactiontype": {

"value": "SalesOrd"

},

"LongCustomFieldRef\_\_custbody\_total\_pallets\_shipped": {

"value": "1"

},

"BooleanCustomFieldRef\_\_custbody\_sps\_batched\_print\_com": {

"value": "false"

},

"BooleanCustomFieldRef\_\_custbody\_sps\_package\_validation\_bypass": {

"value": "false"

},

"BooleanCustomFieldRef\_\_custbody\_ms\_shipment\_complete": {

"value": "false"

},

"SelectCustomFieldRef\_\_custbody\_system\_integration\_status": {

"value": {

"name": "Ready"

}

},

"StringCustomFieldRef\_\_custbody\_sps\_ponum\_from\_salesorder": {

"value": "185721"

},

"SelectCustomFieldRef\_\_custbody\_sps\_package\_data\_source": {

"value": {

"name": "SPS"

}

},

"StringCustomFieldRef\_\_custbody\_if\_bol\_notes": {

"value": "tl#4632239"

},

"DoubleCustomFieldRef\_\_custbody\_jil\_total\_qty\_auto": {

"value": "20.0"

},

"DoubleCustomFieldRef\_\_custbody\_bol\_fullfilment\_weight": {

"value": "1000.0"

},

"BooleanCustomFieldRef\_\_custbodychep\_pallets": {

"value": "false"

},

"StringCustomFieldRef\_\_custbody\_created\_from\_order": {

"value": "185721"

}

},

"itemList": [

{

"itemReceive": "true",

"itemName": "ST-AFBGMB",

"description": "FIBERGEM - 50LB",

"location": {

"name": "JPW - 696/700/750/790 Jacksonville Rd, PA PP:Tony,Da"

},

"onHand": "0.0",

"quantity": "20.0",

"unitsDisplay": "BG",

"inventoryDetail": {

"inventoryAssignmentList": {

"inventoryAssignment": {

"internalId": "119908",

"issueInventoryNumber": {

"name": "11/01/21"

},

"binNumber": {

"name": "JK-007"

},

"quantity": "20.0",

"quantityAvailable": "20.0",

"inventoryStatus": {

"name": "Good"

}

}

}

},

"item": {

"statusCode": "CC",

"itemName": "ST-AFBGMB",

"qualifier": "BP"

},

"orderLine": "1",

"quantityRemaining": "20.0",

"customFieldList": {

"SelectCustomFieldRef\_\_custcol\_freight\_class": {

"value": {

"name": "65"

}

},

"StringCustomFieldRef\_\_custcol\_item\_display\_name": {

"value": "FIBERGEM - 50LB"

},

"DoubleCustomFieldRef\_\_custcol\_piece\_weight": {

"value": "50.0"

},

"DoubleCustomFieldRef\_\_custcol\_line\_weight": {

"value": "0.0"

},

"DoubleCustomFieldRef\_\_custcol\_if\_bol\_col\_weight": {

"value": "1000.0"

},

"DoubleCustomFieldRef\_\_custcol\_if\_bol\_col\_weight\_item": {

"value": "50.0"

},

"StringCustomFieldRef\_\_custcol\_bol\_weight\_units\_show": {

"value": "lb"

},

"StringCustomFieldRef\_\_custcol\_line\_seq": {

"value": "1"

}

}

}

],

"itemFulfillmentInternalId": "185517"

},

{

"createdDate": "2022-06-08T11:42:44.000-07:00",

"lastModifiedDate": "2024-02-14T21:16:51.000-08:00",

"customForm": {

"name": "Jillamy, Inc. - Item Fulfillment Form"

},

"entity": {

"name": "Manildra"

},

"createdFrom": {

"name": "Sales Order #SO956"

},

"createdFromShipGroup": "1",

"shippingAddress": {

"country": "\_unitedStates",

"attention": "NESTLE USA - PIZZA",

"addressee": "US PL LITTLE CHUTE",

"addr1": "401 W NORTH AVENUE",

"addr2": "OUTAGAMIE",

"city": "LITTLE CHUTE",

"state": "WI",

"zip": "54140",

"addrText": "NESTLE USA - PIZZA\nUS PL LITTLE CHUTE\n401 W NORTH AVENUE\nOUTAGAMIE\nLITTLE CHUTE WI 54140\nUnited States",

"override": "false"

},

"shipIsResidential": "false",

"shipAddressList": {

"name": "NESTLE - LITTLE CHUTE"

},

"shipStatus": "\_shipped",

"tranDate": "2022-06-07T21:00:00.000-07:00",

"tranId": "IF982",

"shipMethod": {

"name": "Customer Pick-Up"

},

"shippingCost": "0.0",

"packageList": {

"package": {

"packageWeight": "41664.0",

"packageDescr": "195640"

}

},

"customFieldList": {

"StringCustomFieldRef\_\_custbody\_bol\_seal\_number": {

"value": "2244437"

},

"StringCustomFieldRef\_\_custbody\_bol\_total\_item\_weight": {

"value": "41664 lb"

},

"DoubleCustomFieldRef\_\_custbody\_jil\_total\_weight\_auto": {

"value": "0.0"

},

"StringCustomFieldRef\_\_custbody\_ms\_total\_shipping\_units": {

"value": "21"

},

"StringCustomFieldRef\_\_custbody\_created\_from\_transaction": {

"value": "#SO956"

},

"StringCustomFieldRef\_\_custbody\_wmsse\_transactiontype": {

"value": "SalesOrd"

},

"LongCustomFieldRef\_\_custbody\_total\_pallets\_shipped": {

"value": "21"

},

"BooleanCustomFieldRef\_\_custbody\_sps\_batched\_print\_com": {

"value": "false"

},

"BooleanCustomFieldRef\_\_custbody\_sps\_package\_validation\_bypass": {

"value": "false"

},

"BooleanCustomFieldRef\_\_custbody\_ms\_shipment\_complete": {

"value": "false"

},

"SelectCustomFieldRef\_\_custbody\_system\_integration\_status": {

"value": {

"name": "Ready"

}

},

"StringCustomFieldRef\_\_custbody\_sps\_ponum\_from\_salesorder": {

"value": "185962"

},

"SelectCustomFieldRef\_\_custbody\_sps\_package\_data\_source": {

"value": {

"name": "SPS"

}

},

"StringCustomFieldRef\_\_custbody\_if\_bol\_notes": {

"value": "TR#UL53867\nSITE# 0100937131 BOMADERRY"

},

"DoubleCustomFieldRef\_\_custbody\_jil\_total\_qty\_auto": {

"value": "21.0"

},

"DoubleCustomFieldRef\_\_custbody\_bol\_fullfilment\_weight": {

"value": "41664.0"

},

"BooleanCustomFieldRef\_\_custbodychep\_pallets": {

"value": "false"

},

"StringCustomFieldRef\_\_custbody\_created\_from\_order": {

"value": "185962"

}

},

"itemList": [

{

"itemReceive": "true",

"itemName": "GL-AUST",

"description": "WHEAT GLUTEN TOTE - 900KG",

"location": {

"name": "JPW - 696/700/750/790 Jacksonville Rd, PA PP:Tony,Da"

},

"onHand": "0.0",

"quantity": "21.0",

"unitsDisplay": "TT",

"inventoryDetail": {

"inventoryAssignmentList": {

"inventoryAssignment": {

"internalId": "126090",

"issueInventoryNumber": {

"name": "11/11/21"

},

"binNumber": {

"name": "JK-007"

},

"quantity": "1.0",

"quantityAvailable": "1.0",

"inventoryStatus": {

"name": "Good"

}

},

"inventoryAssignment": {

"internalId": "126091",

"issueInventoryNumber": {

"name": "02/26/22"

},

"binNumber": {

"name": "JK-007"

},

"quantity": "10.0",

"quantityAvailable": "10.0",

"inventoryStatus": {

"name": "Good"

}

},

"inventoryAssignment": {

"internalId": "126092",

"issueInventoryNumber": {

"name": "02/26/22"

},

"binNumber": {

"name": "JK-007"

},

"quantity": "10.0",

"quantityAvailable": "10.0",

"inventoryStatus": {

"name": "Good"

}

}

}

},

"item": {

"statusCode": "CC",

"itemName": "GL-AUST",

"qualifier": "BP"

},

"orderLine": "1",

"quantityRemaining": "21.0",

"customFieldList": {

"SelectCustomFieldRef\_\_custcol\_freight\_class": {

"value": {

"name": "65"

}

},

"StringCustomFieldRef\_\_custcol\_nmfc": {

"value": "02/26/22-20, 11/11/21-1"

},

"StringCustomFieldRef\_\_custcol\_item\_display\_name": {

"value": "WHEAT GLUTEN TOTE - 900KG"

},

"DoubleCustomFieldRef\_\_custcol\_piece\_weight": {

"value": "1984.0"

},

"DoubleCustomFieldRef\_\_custcol\_line\_weight": {

"value": "0.0"

},

"DoubleCustomFieldRef\_\_custcol\_if\_bol\_col\_weight": {

"value": "41664.0"

},

"DoubleCustomFieldRef\_\_custcol\_if\_bol\_col\_weight\_item": {

"value": "1984.0"

},

"StringCustomFieldRef\_\_custcol\_bol\_weight\_units\_show": {

"value": "lb"

},

"StringCustomFieldRef\_\_custcol\_line\_seq": {

"value": "1"

}

}

}

],

"itemFulfillmentInternalId": "195640"

},

{

"createdDate": "2024-01-03T12:48:58.000-08:00",

"lastModifiedDate": "2024-02-14T21:16:49.000-08:00",

"customForm": {

"name": "Jillamy, Inc. - Item Fulfillment Form"

},

"entity": {

"name": "BDP International, Inc (Avantor)"

},

"createdFrom": {

"name": "Sales Order #SO29562"

},

"createdFromShipGroup": "1",

"shippingAddress": {

"country": "\_unitedStates",

"addressee": "BDP International, Inc",

"addr1": "510 Walnut Street",

"addr2": "Accounting Dept. 3rd Floor",

"city": "Philadelphia",

"state": "PA",

"zip": "19106",

"addrText": "BDP International, Inc\n510 Walnut Street\nAccounting Dept. 3rd Floor\nPhiladelphia PA 19106\nUnited States",

"override": "false"

},

"shipIsResidential": "false",

"shipAddressList": {

"name": "510 Walnut Street"

},

"shipStatus": "\_shipped",

"tranDate": "2024-01-02T21:00:00.000-08:00",

"tranId": "IF29208",

"shipMethod": {

"name": "Jillamy Transportation Inc."

},

"shippingCost": "0.0",

"packageList": {

"package": {

"packageWeight": "40.5",

"packageDescr": "3931799"

}

},

"customFieldList": {

"SelectCustomFieldRef\_\_custbody\_sfc\_status": {

"value": {

"name": "Sent"

}

},

"LongCustomFieldRef\_\_custbody\_sps\_trans\_carton\_ct": {

"value": "1"

},

"StringCustomFieldRef\_\_custbody\_bol\_seal\_number": {

"value": "seal13a"

},

"StringCustomFieldRef\_\_custbody\_jil\_cust\_po\_num": {

"value": "7021177276A"

},

"StringCustomFieldRef\_\_custbody\_bol\_total\_item\_weight": {

"value": "40.5 lb"

},

"DoubleCustomFieldRef\_\_custbody\_jil\_total\_weight\_auto": {

"value": "40.5"

},

"StringCustomFieldRef\_\_custbody\_ms\_total\_shipping\_units": {

"value": "5"

},

"StringCustomFieldRef\_\_custbody\_created\_from\_transaction": {

"value": "O29562"

},

"DateCustomFieldRef\_\_custbody\_jil\_delivery\_time": {

"value": "1970-01-01T00:00:00.000-08:00"

},

"DoubleCustomFieldRef\_\_custbody\_total\_fulfillment\_weight": {

"value": "40.5"

},

"SelectCustomFieldRef\_\_custbody\_856\_asn\_message\_status": {

"value": {

"name": "Sent"

}

},

"StringCustomFieldRef\_\_custbody\_jil\_trackingnumber": {

"value": "tracking13a"

},

"StringCustomFieldRef\_\_custbody\_wmsse\_transactiontype": {

"value": "SalesOrd"

},

"LongCustomFieldRef\_\_custbody\_jil\_total\_pallets": {

"value": "1"

},

"LongCustomFieldRef\_\_custbody\_total\_pallets\_shipped": {

"value": "1"

},

"BooleanCustomFieldRef\_\_custbody\_sps\_batched\_print\_com": {

"value": "false"

},

"BooleanCustomFieldRef\_\_custbody\_sps\_package\_validation\_bypass": {

"value": "false"

},

"BooleanCustomFieldRef\_\_custbody\_ms\_shipment\_complete": {

"value": "true"

},

"DateCustomFieldRef\_\_custbody\_jil\_delivery\_date": {

"value": "2024-01-15T21:00:00.000-08:00"

},

"SelectCustomFieldRef\_\_custbody\_system\_integration\_status": {

"value": {

"name": "Ready"

}

},

"StringCustomFieldRef\_\_custbody\_sps\_ponum\_from\_salesorder": {

"value": "4516373647A"

},

"SelectCustomFieldRef\_\_custbody\_sps\_package\_data\_source": {

"value": {

"name": "SPS"

}

},

"StringCustomFieldRef\_\_custbody\_jil\_delivery\_instructions": {

"value": "instructions test 1"

},

"DoubleCustomFieldRef\_\_custbody\_jil\_total\_qty\_auto": {

"value": "5.0"

},

"DoubleCustomFieldRef\_\_custbody\_bol\_fullfilment\_weight": {

"value": "40.5"

},

"BooleanCustomFieldRef\_\_custbodychep\_pallets": {

"value": "false"

},

"StringCustomFieldRef\_\_custbody\_bol\_trailer\_number": {

"value": "trailer13a"

},

"StringCustomFieldRef\_\_custbody\_created\_from\_order": {

"value": "4516373647A"

},

"DoubleCustomFieldRef\_\_custbody\_edi\_estimatedpalletqty": {

"value": "1.0"

}

},

"itemList": [

{

"itemReceive": "true",

"itemName": "inactive-10040-436",

"description": "VWR FILTER UNIT PES 75MM 0.2U 500ML CS12",

"location": {

"name": "JPW - 200 River Rd Falls Township PA"

},

"onHand": "361.0",

"quantity": "5.0",

"unitsDisplay": "CS",

"inventoryDetail": {

"inventoryAssignmentList": {

"inventoryAssignment": {

"internalId": "2992103",

"issueInventoryNumber": {

"name": "55555555"

},

"binNumber": {

"name": "A-1-005"

},

"quantity": "5.0",

"expirationDate": "2027-12-31T21:00:00.000-08:00",

"quantityAvailable": "100.0",

"inventoryStatus": {

"name": "Good"

}

}

}

},

"item": {

"statusCode": "CC",

"itemName": "inactive-10040-436",

"qualifier": "BP"

},

"orderLine": "1",

"quantityRemaining": "5.0",

"customFieldList": {

"DoubleCustomFieldRef\_\_custcol\_piece\_weight": {

"value": "8.1"

},

"DoubleCustomFieldRef\_\_custcol\_line\_weight": {

"value": "40.5"

},

"DoubleCustomFieldRef\_\_custcol\_bol\_roll\_width": {

"value": "15.4"

},

"DoubleCustomFieldRef\_\_custcol\_if\_bol\_col\_weight": {

"value": "40.5"

},

"DoubleCustomFieldRef\_\_custcol\_if\_bol\_col\_weight\_item": {

"value": "8.1"

},

"DoubleCustomFieldRef\_\_custcol\_bol\_qty\_handling\_unit": {

"value": "5.0"

},

"StringCustomFieldRef\_\_custcol\_bol\_weight\_units\_show": {

"value": "lb"

},

"DoubleCustomFieldRef\_\_custcol\_sps\_qtypacked": {

"value": "5.0"

},

"LongCustomFieldRef\_\_custcol\_chr\_line\_unique\_key": {

"value": "5559363"

},

"DoubleCustomFieldRef\_\_custcol\_qty\_lvl\_1": {

"value": "1.0"

},

"DoubleCustomFieldRef\_\_custcol\_qty\_lvl\_2": {

"value": "1.0"

},

"DoubleCustomFieldRef\_\_custcol\_qty\_lvl\_3": {

"value": "1.0"

},

"StringCustomFieldRef\_\_custcol\_line\_seq": {

"value": "1"

},

"StringCustomFieldRef\_\_custcol\_ms\_vpn": {

"value": "98765"

},

"DoubleCustomFieldRef\_\_custcol\_avantor\_cs\_convert": {

"value": "5.0"

}

}

}

],

"itemFulfillmentInternalId": "3931799"

}

]

Input payload

[

{

"data": "23",

"data1": {

"number": "123",

"name": "java",

"num": {

"sub1": "maths"

}

}

},

{

"data": "23",

"data1": {

"number": "123@",

"name": "java",

"num": {

"sub1": "maths"

}

}

}

]

Dataweave expression

%dw 2.0

output application/json

---

payload map ((item, index) ->

item update {

case .data1.num -> { "course": $.sub1,

"course1": "bipc"

}

}

)

Output payload

[

{

"data": "23",

"data1": {

"number": "123",

"name": "java",

"num": {

"course": "maths",

"course1": "bipc"

}

}

},

{

"data": "23",

"data1": {

"number": "123@",

"name": "java",

"num": {

"course": "maths",

"course1": "bipc"

}

}

}

]

Input payoad

[

{

"data": "23",

"data1": {

"number": "123",

"name": "java",

"num": {

"sub1": "maths",

"name": {

"me": "sande1"

}

}

}

},

{

"data": "23",

"data1": {

"number": "123@",

"name": "java",

"num": {

"sub1": "maths",

"name": {

"me": "sande1@"

}

}

}

}

]

Dataweave expression

%dw 2.0

output application/json

---

payload map ((item, index) ->

item update {

case .data1.num.name -> { "course": $.me

}

}

)

Output payload

-----------------’

[

{

"data": "23",

"data1": {

"number": "123",

"name": "java",

"num": {

"sub1": "maths",

"name": {

"course": "sande1"

}

}

}

},

{

"data": "23",

"data1": {

"number": "123@",

"name": "java",

"num": {

"sub1": "maths",

"name": {

"course": "sande1@"

}

}

}

}

]

If you want change multiple key value in the input payload use update condition

--------------------------------------------------------------

[

{

"data": {"num":"23"},

"data1": {

"number": "123",

"name": "java",

"num": {

"sub1": "maths",

"mul": {

"name": {

"me": "sande1"

}

}

}

}

},

{

"data": {"num":"23"},

"data1": {

"number": "123@",

"name": "java",

"num": {

"sub1": "maths",

"mul": {

"name": {

"me": "sande1@"

}

}

}

}

}

]

Dataweave expression

%dw 2.0

output application/json

---

payload map ((item, index) ->

item update {

case .data -> $.num

case .data1 -> {

"num": $.number,

"cse": $.name,

"inside": {

"m1": $.num.sub1,

"name23": {

"surname": {

"per1": $.num.mul.\*name.me[0]

}

}

}

}

}

)

Dataweave output

[

{

"data": "23",

"data1": {

"num": "123",

"cse": "java",

"inside": {

"m1": "maths",

"name23": {

"surname": {

"per1": "sande1"

}

}

}

}

},

{

"data": "23",

"data1": {

"num": "123@",

"cse": "java",

"inside": {

"m1": "maths",

"name23": {

"surname": {

"per1": "sande1@"

}

}

}

}

}

]

INPUT update function

[

{

"createdDate": "2022-06-03T06:22:21.000-07:00",

"lastModifiedDate": "2024-02-15T22:43:48.000-08:00",

"customForm": {

"name": "Jillamy, Inc. - Item Fulfillment Form"

},

"entity": {

"name": "Manildra"

},

"createdFrom": {

"name": "Sales Order #SO918"

},

"createdFromShipGroup": "1",

"shippingAddress": {

"country": "\_canada",

"addressee": "CANADA BREAD CO. LTD",

"addr1": "BOULANGERIE CANADA BREAD LIMITEE",

"addr2": "745 NEBO RD",

"city": "HANNON",

"state": "ON",

"zip": "L0R 1P0",

"addrText": "CANADA BREAD CO. LTD\nBOULANGERIE CANADA BREAD LIMITEE\n745 NEBO RD \nHANNON ON L0R 1P0\nCanada",

"override": "false"

},

"shipIsResidential": "false",

"shipAddressList": {

"name": "BOULANGERIE CANADA BREAD LIMITEE"

},

"shipStatus": "\_shipped",

"tranDate": "2022-06-02T21:00:00.000-07:00",

"tranId": "IF934",

"shipMethod": {

"name": "XPO Logistics"

},

"shippingCost": "0.0",

"packageList": {

"package": {

"packageWeight": "1000.0",

"packageDescr": "185517"

}

},

"customFieldList": {

"StringCustomFieldRef\_\_custbody\_bol\_total\_item\_weight": {

"value": "1000 lb"

},

"DoubleCustomFieldRef\_\_custbody\_jil\_total\_weight\_auto": {

"value": "0.0"

},

"StringCustomFieldRef\_\_custbody\_ms\_total\_shipping\_units": {

"value": "20"

},

"StringCustomFieldRef\_\_custbody\_created\_from\_transaction": {

"value": "#SO918"

},

"StringCustomFieldRef\_\_custbody\_wmsse\_transactiontype": {

"value": "SalesOrd"

},

"LongCustomFieldRef\_\_custbody\_total\_pallets\_shipped": {

"value": "1"

},

"BooleanCustomFieldRef\_\_custbody\_sps\_batched\_print\_com": {

"value": "false"

},

"BooleanCustomFieldRef\_\_custbody\_sps\_package\_validation\_bypass": {

"value": "false"

},

"BooleanCustomFieldRef\_\_custbody\_ms\_shipment\_complete": {

"value": "false"

},

"SelectCustomFieldRef\_\_custbody\_system\_integration\_status": {

"value": {

"name": "Ready"

}

},

"StringCustomFieldRef\_\_custbody\_sps\_ponum\_from\_salesorder": {

"value": "185721"

},

"SelectCustomFieldRef\_\_custbody\_sps\_package\_data\_source": {

"value": {

"name": "SPS"

}

},

"StringCustomFieldRef\_\_custbody\_if\_bol\_notes": {

"value": "tl#4632239"

},

"DoubleCustomFieldRef\_\_custbody\_jil\_total\_qty\_auto": {

"value": "20.0"

},

"DoubleCustomFieldRef\_\_custbody\_bol\_fullfilment\_weight": {

"value": "1000.0"

},

"BooleanCustomFieldRef\_\_custbodychep\_pallets": {

"value": "false"

},

"StringCustomFieldRef\_\_custbody\_created\_from\_order": {

"value": "185721"

}

},

"itemList": [

{

"itemReceive": "true",

"itemName": "ST-AFBGMB",

"description": "FIBERGEM - 50LB",

"location": {

"name": "JPW - 696/700/750/790 Jacksonville Rd, PA PP:Tony,Da"

},

"onHand": "0.0",

"quantity": "20.0",

"unitsDisplay": "BG",

"inventoryDetail": {

"inventoryAssignmentList": {

"inventoryAssignment": {

"internalId": "119908",

"issueInventoryNumber": {

"name": "11/01/21"

},

"binNumber": {

"name": "JK-007"

},

"quantity": "20.0",

"quantityAvailable": "20.0",

"inventoryStatus": {

"name": "Good"

}

}

}

},

"item": {

"name": "ST-AFBGMB"

},

"orderLine": "1",

"quantityRemaining": "20.0",

"customFieldList": {

"SelectCustomFieldRef\_\_custcol\_freight\_class": {

"value": {

"name": "65"

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"StringCustomFieldRef\_\_custcol\_item\_display\_name": {

"value": "FIBERGEM - 50LB"

},

"DoubleCustomFieldRef\_\_custcol\_piece\_weight": {

"value": "50.0"

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"DoubleCustomFieldRef\_\_custcol\_line\_weight": {

"value": "0.0"

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"DoubleCustomFieldRef\_\_custcol\_if\_bol\_col\_weight": {

"value": "1000.0"

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"DoubleCustomFieldRef\_\_custcol\_if\_bol\_col\_weight\_item": {

"value": "50.0"

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"StringCustomFieldRef\_\_custcol\_bol\_weight\_units\_show": {

"value": "lb"

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"StringCustomFieldRef\_\_custcol\_line\_seq": {

"value": "1"

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}

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],

"itemFulfillmentInternalId": "185517"

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{

"createdDate": "2022-06-08T11:42:44.000-07:00",

"lastModifiedDate": "2024-02-15T22:43:49.000-08:00",

"customForm": {

"name": "Jillamy, Inc. - Item Fulfillment Form"

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"entity": {

"name": "Manildra"

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"createdFrom": {

"name": "Sales Order #SO956"

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"createdFromShipGroup": "1",

"shippingAddress": {

"country": "\_unitedStates",

"attention": "NESTLE USA - PIZZA",

"addressee": "US PL LITTLE CHUTE",

"addr1": "401 W NORTH AVENUE",

"addr2": "OUTAGAMIE",

"city": "LITTLE CHUTE",

"state": "WI",

"zip": "54140",

"addrText": "NESTLE USA - PIZZA\nUS PL LITTLE CHUTE\n401 W NORTH AVENUE\nOUTAGAMIE\nLITTLE CHUTE WI 54140\nUnited States",

"override": "false"

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"shipIsResidential": "false",

"shipAddressList": {

"name": "NESTLE - LITTLE CHUTE"

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"tranId": "IF982",

"shipMethod": {

"name": "Customer Pick-Up"

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"shippingCost": "0.0",

"packageList": {

"package": {

"packageWeight": "41664.0",

"packageDescr": "195640"

}

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"customFieldList": {

"StringCustomFieldRef\_\_custbody\_bol\_seal\_number": {

"value": "2244437"

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"StringCustomFieldRef\_\_custbody\_bol\_total\_item\_weight": {

"value": "41664 lb"

},

"DoubleCustomFieldRef\_\_custbody\_jil\_total\_weight\_auto": {

"value": "0.0"

},

"StringCustomFieldRef\_\_custbody\_ms\_total\_shipping\_units": {

"value": "21"

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"StringCustomFieldRef\_\_custbody\_created\_from\_transaction": {

"value": "#SO956"

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"StringCustomFieldRef\_\_custbody\_wmsse\_transactiontype": {

"value": "SalesOrd"

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"LongCustomFieldRef\_\_custbody\_total\_pallets\_shipped": {

"value": "21"

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"BooleanCustomFieldRef\_\_custbody\_sps\_batched\_print\_com": {

"value": "false"

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"BooleanCustomFieldRef\_\_custbody\_sps\_package\_validation\_bypass": {

"value": "false"

},

"BooleanCustomFieldRef\_\_custbody\_ms\_shipment\_complete": {

"value": "false"

},

"SelectCustomFieldRef\_\_custbody\_system\_integration\_status": {

"value": {

"name": "Ready"

}

},

"StringCustomFieldRef\_\_custbody\_sps\_ponum\_from\_salesorder": {

"value": "185962"

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"SelectCustomFieldRef\_\_custbody\_sps\_package\_data\_source": {

"value": {

"name": "SPS"

}

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"StringCustomFieldRef\_\_custbody\_if\_bol\_notes": {

"value": "TR#UL53867\nSITE# 0100937131 BOMADERRY"

},

"DoubleCustomFieldRef\_\_custbody\_jil\_total\_qty\_auto": {

"value": "21.0"

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"DoubleCustomFieldRef\_\_custbody\_bol\_fullfilment\_weight": {

"value": "41664.0"

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"BooleanCustomFieldRef\_\_custbodychep\_pallets": {

"value": "false"

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"StringCustomFieldRef\_\_custbody\_created\_from\_order": {

"value": "185962"

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},

"itemList": [

{

"itemReceive": "true",

"itemName": "GL-AUST",

"description": "WHEAT GLUTEN TOTE - 900KG",

"location": {

"name": "JPW - 696/700/750/790 Jacksonville Rd, PA PP:Tony,Da"

},

"onHand": "0.0",

"quantity": "21.0",

"unitsDisplay": "TT",

"inventoryDetail": {

"inventoryAssignmentList": {

"inventoryAssignment": {

"internalId": "126090",

"issueInventoryNumber": {

"name": "11/11/21"

},

"binNumber": {

"name": "JK-007"

},

"quantity": "1.0",

"quantityAvailable": "1.0",

"inventoryStatus": {

"name": "Good"

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"inventoryAssignment": {

"internalId": "126091",

"issueInventoryNumber": {

"name": "02/26/22"

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"binNumber": {

"name": "JK-007"

},

"quantity": "10.0",

"quantityAvailable": "10.0",

"inventoryStatus": {

"name": "Good"

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"inventoryAssignment": {

"internalId": "126092",

"issueInventoryNumber": {

"name": "02/26/22"

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"binNumber": {

"name": "JK-007"

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"quantity": "10.0",

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"name": "Good"

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}

}

},

"item": {

"name": "GL-AUST"

},

"orderLine": "1",

"quantityRemaining": "21.0",

"customFieldList": {

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"value": {

"name": "65"

}

},

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"value": "02/26/22-20, 11/11/21-1"

},

"StringCustomFieldRef\_\_custcol\_item\_display\_name": {

"value": "WHEAT GLUTEN TOTE - 900KG"

},

"DoubleCustomFieldRef\_\_custcol\_piece\_weight": {

"value": "1984.0"

},

"DoubleCustomFieldRef\_\_custcol\_line\_weight": {

"value": "0.0"

},

"DoubleCustomFieldRef\_\_custcol\_if\_bol\_col\_weight": {

"value": "41664.0"

},

"DoubleCustomFieldRef\_\_custcol\_if\_bol\_col\_weight\_item": {

"value": "1984.0"

},

"StringCustomFieldRef\_\_custcol\_bol\_weight\_units\_show": {

"value": "lb"

},

"StringCustomFieldRef\_\_custcol\_line\_seq": {

"value": "1"

}

}

}

],

"itemFulfillmentInternalId": "195640"

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{

"createdDate": "2024-01-03T12:48:58.000-08:00",

"lastModifiedDate": "2024-02-15T22:43:47.000-08:00",

"customForm": {

"name": "Jillamy, Inc. - Item Fulfillment Form"

},

"entity": {

"name": "BDP International, Inc (Avantor)"

},

"createdFrom": {

"name": "Sales Order #SO29562"

},

"createdFromShipGroup": "1",

"shippingAddress": {

"country": "\_unitedStates",

"addressee": "BDP International, Inc",

"addr1": "510 Walnut Street",

"addr2": "Accounting Dept. 3rd Floor",

"city": "Philadelphia",

"state": "PA",

"zip": "19106",

"addrText": "BDP International, Inc\n510 Walnut Street\nAccounting Dept. 3rd Floor\nPhiladelphia PA 19106\nUnited States",

"override": "false"

},

"shipIsResidential": "false",

"shipAddressList": {

"name": "510 Walnut Street"

},

"shipStatus": "\_shipped",

"tranDate": "2024-01-02T21:00:00.000-08:00",

"tranId": "IF29208",

"shipMethod": {

"name": "Jillamy Transportation Inc."

},

"shippingCost": "0.0",

"packageList": {

"package": {

"packageWeight": "40.5",

"packageDescr": "3931799"

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},

"customFieldList": {

"SelectCustomFieldRef\_\_custbody\_sfc\_status": {

"value": {

"name": "Sent"

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"LongCustomFieldRef\_\_custbody\_sps\_trans\_carton\_ct": {

"value": "1"

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"StringCustomFieldRef\_\_custbody\_bol\_seal\_number": {

"value": "seal13a"

},

"StringCustomFieldRef\_\_custbody\_jil\_cust\_po\_num": {

"value": "7021177276A"

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"StringCustomFieldRef\_\_custbody\_bol\_total\_item\_weight": {

"value": "40.5 lb"

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"DoubleCustomFieldRef\_\_custbody\_jil\_total\_weight\_auto": {

"value": "40.5"

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"StringCustomFieldRef\_\_custbody\_ms\_total\_shipping\_units": {

"value": "5"

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"StringCustomFieldRef\_\_custbody\_created\_from\_transaction": {

"value": "O29562"

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"DateCustomFieldRef\_\_custbody\_jil\_delivery\_time": {

"value": "1970-01-01T00:00:00.000-08:00"

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"DoubleCustomFieldRef\_\_custbody\_total\_fulfillment\_weight": {

"value": "40.5"

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"value": {

"name": "Sent"

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"StringCustomFieldRef\_\_custbody\_jil\_trackingnumber": {

"value": "tracking13a"

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"StringCustomFieldRef\_\_custbody\_wmsse\_transactiontype": {

"value": "SalesOrd"

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"LongCustomFieldRef\_\_custbody\_jil\_total\_pallets": {

"value": "1"

},

"LongCustomFieldRef\_\_custbody\_total\_pallets\_shipped": {

"value": "1"

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"BooleanCustomFieldRef\_\_custbody\_sps\_batched\_print\_com": {

"value": "false"

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"BooleanCustomFieldRef\_\_custbody\_sps\_package\_validation\_bypass": {

"value": "false"

},

"BooleanCustomFieldRef\_\_custbody\_ms\_shipment\_complete": {

"value": "true"

},

"DateCustomFieldRef\_\_custbody\_jil\_delivery\_date": {

"value": "2024-01-15T21:00:00.000-08:00"

},

"SelectCustomFieldRef\_\_custbody\_system\_integration\_status": {

"value": {

"name": "Ready"

}

},

"StringCustomFieldRef\_\_custbody\_sps\_ponum\_from\_salesorder": {

"value": "4516373647A"

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"SelectCustomFieldRef\_\_custbody\_sps\_package\_data\_source": {

"value": {

"name": "SPS"

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"StringCustomFieldRef\_\_custbody\_jil\_delivery\_instructions": {

"value": "instructions test 1"

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"DoubleCustomFieldRef\_\_custbody\_jil\_total\_qty\_auto": {

"value": "5.0"

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"DoubleCustomFieldRef\_\_custbody\_bol\_fullfilment\_weight": {

"value": "40.5"

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"BooleanCustomFieldRef\_\_custbodychep\_pallets": {

"value": "false"

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"StringCustomFieldRef\_\_custbody\_bol\_trailer\_number": {

"value": "trailer13a"

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"StringCustomFieldRef\_\_custbody\_created\_from\_order": {

"value": "4516373647A"

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"DoubleCustomFieldRef\_\_custbody\_edi\_estimatedpalletqty": {

"value": "1.0"

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"itemList": [

{

"itemReceive": "true",

"itemName": "inactive-10040-436",

"description": "VWR FILTER UNIT PES 75MM 0.2U 500ML CS12",

"location": {

"name": "JPW - 200 River Rd Falls Township PA"

},

"onHand": "361.0",

"quantity": "5.0",

"unitsDisplay": "CS",

"inventoryDetail": {

"inventoryAssignmentList": {

"inventoryAssignment": {

"internalId": "2992103",

"issueInventoryNumber": {

"name": "55555555"

},

"binNumber": {

"name": "A-1-005"

},

"quantity": "5.0",

"expirationDate": "2027-12-31T21:00:00.000-08:00",

"quantityAvailable": "100.0",

"inventoryStatus": {

"name": "Good"

}

}

}

},

"item": {

"name": "inactive-10040-436"

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"orderLine": "1",

"quantityRemaining": "5.0",

"customFieldList": {

"DoubleCustomFieldRef\_\_custcol\_piece\_weight": {

"value": "8.1"

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"DoubleCustomFieldRef\_\_custcol\_line\_weight": {

"value": "40.5"

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"DoubleCustomFieldRef\_\_custcol\_bol\_roll\_width": {

"value": "15.4"

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"DoubleCustomFieldRef\_\_custcol\_if\_bol\_col\_weight": {

"value": "40.5"

},

"DoubleCustomFieldRef\_\_custcol\_if\_bol\_col\_weight\_item": {

"value": "8.1"

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"DoubleCustomFieldRef\_\_custcol\_bol\_qty\_handling\_unit": {

"value": "5.0"

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"StringCustomFieldRef\_\_custcol\_bol\_weight\_units\_show": {

"value": "lb"

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"DoubleCustomFieldRef\_\_custcol\_sps\_qtypacked": {

"value": "5.0"

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"LongCustomFieldRef\_\_custcol\_chr\_line\_unique\_key": {

"value": "5559363"

},

"DoubleCustomFieldRef\_\_custcol\_qty\_lvl\_1": {

"value": "1.0"

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"DoubleCustomFieldRef\_\_custcol\_qty\_lvl\_2": {

"value": "1.0"

},

"DoubleCustomFieldRef\_\_custcol\_qty\_lvl\_3": {

"value": "1.0"

},

"StringCustomFieldRef\_\_custcol\_line\_seq": {

"value": "1"

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"StringCustomFieldRef\_\_custcol\_ms\_vpn": {

"value": "98765"

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"DoubleCustomFieldRef\_\_custcol\_avantor\_cs\_convert": {

"value": "5.0"

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}

}

],

"itemFulfillmentInternalId": "3931799"

}

]

Dataweave expression

%dw 2.0

output application/json

---

payload map ((item, index) ->

item update{

case itemList at .itemList -> (itemList map(obj,index) -> (obj update { case item at .item -> {"statusCode": "cc","itemName":item.name,

"description": itemList.description[0],

"quantity": itemList.quantity[0]

} }))

}

)

Output payload

[

{

"createdDate": "2022-06-03T06:22:21.000-07:00",

"lastModifiedDate": "2024-02-15T22:43:48.000-08:00",

"customForm": {

"name": "Jillamy, Inc. - Item Fulfillment Form"

},

"entity": {

"name": "Manildra"

},

"createdFrom": {

"name": "Sales Order #SO918"

},

"createdFromShipGroup": "1",

"shippingAddress": {

"country": "\_canada",

"addressee": "CANADA BREAD CO. LTD",

"addr1": "BOULANGERIE CANADA BREAD LIMITEE",

"addr2": "745 NEBO RD",

"city": "HANNON",

"state": "ON",

"zip": "L0R 1P0",

"addrText": "CANADA BREAD CO. LTD\nBOULANGERIE CANADA BREAD LIMITEE\n745 NEBO RD \nHANNON ON L0R 1P0\nCanada",

"override": "false"

},

"shipIsResidential": "false",

"shipAddressList": {

"name": "BOULANGERIE CANADA BREAD LIMITEE"

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"shipStatus": "\_shipped",

"tranDate": "2022-06-02T21:00:00.000-07:00",

"tranId": "IF934",

"shipMethod": {

"name": "XPO Logistics"

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"shippingCost": "0.0",

"packageList": {

"package": {

"packageWeight": "1000.0",

"packageDescr": "185517"

}

},

"customFieldList": {

"StringCustomFieldRef\_\_custbody\_bol\_total\_item\_weight": {

"value": "1000 lb"

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"DoubleCustomFieldRef\_\_custbody\_jil\_total\_weight\_auto": {

"value": "0.0"

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"StringCustomFieldRef\_\_custbody\_ms\_total\_shipping\_units": {

"value": "20"

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"value": "#SO918"

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"StringCustomFieldRef\_\_custbody\_wmsse\_transactiontype": {

"value": "SalesOrd"

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"value": "1"

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"BooleanCustomFieldRef\_\_custbody\_sps\_batched\_print\_com": {

"value": "false"

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"BooleanCustomFieldRef\_\_custbody\_sps\_package\_validation\_bypass": {

"value": "false"

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"BooleanCustomFieldRef\_\_custbody\_ms\_shipment\_complete": {

"value": "false"

},

"SelectCustomFieldRef\_\_custbody\_system\_integration\_status": {

"value": {

"name": "Ready"

}

},

"StringCustomFieldRef\_\_custbody\_sps\_ponum\_from\_salesorder": {

"value": "185721"

},

"SelectCustomFieldRef\_\_custbody\_sps\_package\_data\_source": {

"value": {

"name": "SPS"

}

},

"StringCustomFieldRef\_\_custbody\_if\_bol\_notes": {

"value": "tl#4632239"

},

"DoubleCustomFieldRef\_\_custbody\_jil\_total\_qty\_auto": {

"value": "20.0"

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"DoubleCustomFieldRef\_\_custbody\_bol\_fullfilment\_weight": {

"value": "1000.0"

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"BooleanCustomFieldRef\_\_custbodychep\_pallets": {

"value": "false"

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"StringCustomFieldRef\_\_custbody\_created\_from\_order": {

"value": "185721"

}

},

"itemList": [

{

"itemReceive": "true",

"itemName": "ST-AFBGMB",

"description": "FIBERGEM - 50LB",

"location": {

"name": "JPW - 696/700/750/790 Jacksonville Rd, PA PP:Tony,Da"

},

"onHand": "0.0",

"quantity": "20.0",

"unitsDisplay": "BG",

"inventoryDetail": {

"inventoryAssignmentList": {

"inventoryAssignment": {

"internalId": "119908",

"issueInventoryNumber": {

"name": "11/01/21"

},

"binNumber": {

"name": "JK-007"

},

"quantity": "20.0",

"quantityAvailable": "20.0",

"inventoryStatus": {

"name": "Good"

}

}

}

},

"item": {

"statusCode": "cc",

"itemName": "ST-AFBGMB",

"description": "FIBERGEM - 50LB",

"quantity": "20.0"

},

"orderLine": "1",

"quantityRemaining": "20.0",

"customFieldList": {

"SelectCustomFieldRef\_\_custcol\_freight\_class": {

"value": {

"name": "65"

}

},

"StringCustomFieldRef\_\_custcol\_item\_display\_name": {

"value": "FIBERGEM - 50LB"

},

"DoubleCustomFieldRef\_\_custcol\_piece\_weight": {

"value": "50.0"

},

"DoubleCustomFieldRef\_\_custcol\_line\_weight": {

"value": "0.0"

},

"DoubleCustomFieldRef\_\_custcol\_if\_bol\_col\_weight": {

"value": "1000.0"

},

"DoubleCustomFieldRef\_\_custcol\_if\_bol\_col\_weight\_item": {

"value": "50.0"

},

"StringCustomFieldRef\_\_custcol\_bol\_weight\_units\_show": {

"value": "lb"

},

"StringCustomFieldRef\_\_custcol\_line\_seq": {

"value": "1"

}

}

}

],

"itemFulfillmentInternalId": "185517"

},

{

"createdDate": "2022-06-08T11:42:44.000-07:00",

"lastModifiedDate": "2024-02-15T22:43:49.000-08:00",

"customForm": {

"name": "Jillamy, Inc. - Item Fulfillment Form"

},

"entity": {

"name": "Manildra"

},

"createdFrom": {

"name": "Sales Order #SO956"

},

"createdFromShipGroup": "1",

"shippingAddress": {

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"attention": "NESTLE USA - PIZZA",

"addressee": "US PL LITTLE CHUTE",

"addr1": "401 W NORTH AVENUE",

"addr2": "OUTAGAMIE",

"city": "LITTLE CHUTE",

"state": "WI",

"zip": "54140",

"addrText": "NESTLE USA - PIZZA\nUS PL LITTLE CHUTE\n401 W NORTH AVENUE\nOUTAGAMIE\nLITTLE CHUTE WI 54140\nUnited States",

"override": "false"

},

"shipIsResidential": "false",

"shipAddressList": {

"name": "NESTLE - LITTLE CHUTE"

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"shipStatus": "\_shipped",

"tranDate": "2022-06-07T21:00:00.000-07:00",

"tranId": "IF982",

"shipMethod": {

"name": "Customer Pick-Up"

},

"shippingCost": "0.0",

"packageList": {

"package": {

"packageWeight": "41664.0",

"packageDescr": "195640"

}

},

"customFieldList": {

"StringCustomFieldRef\_\_custbody\_bol\_seal\_number": {

"value": "2244437"

},

"StringCustomFieldRef\_\_custbody\_bol\_total\_item\_weight": {

"value": "41664 lb"

},

"DoubleCustomFieldRef\_\_custbody\_jil\_total\_weight\_auto": {

"value": "0.0"

},

"StringCustomFieldRef\_\_custbody\_ms\_total\_shipping\_units": {

"value": "21"

},

"StringCustomFieldRef\_\_custbody\_created\_from\_transaction": {

"value": "#SO956"

},

"StringCustomFieldRef\_\_custbody\_wmsse\_transactiontype": {

"value": "SalesOrd"

},

"LongCustomFieldRef\_\_custbody\_total\_pallets\_shipped": {

"value": "21"

},

"BooleanCustomFieldRef\_\_custbody\_sps\_batched\_print\_com": {

"value": "false"

},

"BooleanCustomFieldRef\_\_custbody\_sps\_package\_validation\_bypass": {

"value": "false"

},

"BooleanCustomFieldRef\_\_custbody\_ms\_shipment\_complete": {

"value": "false"

},

"SelectCustomFieldRef\_\_custbody\_system\_integration\_status": {

"value": {

"name": "Ready"

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},

"StringCustomFieldRef\_\_custbody\_sps\_ponum\_from\_salesorder": {

"value": "185962"

},

"SelectCustomFieldRef\_\_custbody\_sps\_package\_data\_source": {

"value": {

"name": "SPS"

}

},

"StringCustomFieldRef\_\_custbody\_if\_bol\_notes": {

"value": "TR#UL53867\nSITE# 0100937131 BOMADERRY"

},

"DoubleCustomFieldRef\_\_custbody\_jil\_total\_qty\_auto": {

"value": "21.0"

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"DoubleCustomFieldRef\_\_custbody\_bol\_fullfilment\_weight": {

"value": "41664.0"

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"BooleanCustomFieldRef\_\_custbodychep\_pallets": {

"value": "false"

},

"StringCustomFieldRef\_\_custbody\_created\_from\_order": {

"value": "185962"

}

},

"itemList": [

{

"itemReceive": "true",

"itemName": "GL-AUST",

"description": "WHEAT GLUTEN TOTE - 900KG",

"location": {

"name": "JPW - 696/700/750/790 Jacksonville Rd, PA PP:Tony,Da"

},

"onHand": "0.0",

"quantity": "21.0",

"unitsDisplay": "TT",

"inventoryDetail": {

"inventoryAssignmentList": {

"inventoryAssignment": {

"internalId": "126090",

"issueInventoryNumber": {

"name": "11/11/21"

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"binNumber": {

"name": "JK-007"

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"name": "02/26/22"

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"binNumber": {

"name": "JK-007"

},

"quantity": "10.0",

"quantityAvailable": "10.0",

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"name": "Good"

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"inventoryAssignment": {

"internalId": "126092",

"issueInventoryNumber": {

"name": "02/26/22"

},

"binNumber": {

"name": "JK-007"

},

"quantity": "10.0",

"quantityAvailable": "10.0",

"inventoryStatus": {

"name": "Good"

}

}

}

},

"item": {

"statusCode": "cc",

"itemName": "GL-AUST",

"description": "WHEAT GLUTEN TOTE - 900KG",

"quantity": "21.0"

},

"orderLine": "1",

"quantityRemaining": "21.0",

"customFieldList": {

"SelectCustomFieldRef\_\_custcol\_freight\_class": {

"value": {

"name": "65"

}

},

"StringCustomFieldRef\_\_custcol\_nmfc": {

"value": "02/26/22-20, 11/11/21-1"

},

"StringCustomFieldRef\_\_custcol\_item\_display\_name": {

"value": "WHEAT GLUTEN TOTE - 900KG"

},

"DoubleCustomFieldRef\_\_custcol\_piece\_weight": {

"value": "1984.0"

},

"DoubleCustomFieldRef\_\_custcol\_line\_weight": {

"value": "0.0"

},

"DoubleCustomFieldRef\_\_custcol\_if\_bol\_col\_weight": {

"value": "41664.0"

},

"DoubleCustomFieldRef\_\_custcol\_if\_bol\_col\_weight\_item": {

"value": "1984.0"

},

"StringCustomFieldRef\_\_custcol\_bol\_weight\_units\_show": {

"value": "lb"

},

"StringCustomFieldRef\_\_custcol\_line\_seq": {

"value": "1"

}

}

}

],

"itemFulfillmentInternalId": "195640"

},

{

"createdDate": "2024-01-03T12:48:58.000-08:00",

"lastModifiedDate": "2024-02-15T22:43:47.000-08:00",

"customForm": {

"name": "Jillamy, Inc. - Item Fulfillment Form"

},

"entity": {

"name": "BDP International, Inc (Avantor)"

},

"createdFrom": {

"name": "Sales Order #SO29562"

},

"createdFromShipGroup": "1",

"shippingAddress": {

"country": "\_unitedStates",

"addressee": "BDP International, Inc",

"addr1": "510 Walnut Street",

"addr2": "Accounting Dept. 3rd Floor",

"city": "Philadelphia",

"state": "PA",

"zip": "19106",

"addrText": "BDP International, Inc\n510 Walnut Street\nAccounting Dept. 3rd Floor\nPhiladelphia PA 19106\nUnited States",

"override": "false"

},

"shipIsResidential": "false",

"shipAddressList": {

"name": "510 Walnut Street"

},

"shipStatus": "\_shipped",

"tranDate": "2024-01-02T21:00:00.000-08:00",

"tranId": "IF29208",

"shipMethod": {

"name": "Jillamy Transportation Inc."

},

"shippingCost": "0.0",

"packageList": {

"package": {

"packageWeight": "40.5",

"packageDescr": "3931799"

}

},

"customFieldList": {

"SelectCustomFieldRef\_\_custbody\_sfc\_status": {

"value": {

"name": "Sent"

}

},

"LongCustomFieldRef\_\_custbody\_sps\_trans\_carton\_ct": {

"value": "1"

},

"StringCustomFieldRef\_\_custbody\_bol\_seal\_number": {

"value": "seal13a"

},

"StringCustomFieldRef\_\_custbody\_jil\_cust\_po\_num": {

"value": "7021177276A"

},

"StringCustomFieldRef\_\_custbody\_bol\_total\_item\_weight": {

"value": "40.5 lb"

},

"DoubleCustomFieldRef\_\_custbody\_jil\_total\_weight\_auto": {

"value": "40.5"

},

"StringCustomFieldRef\_\_custbody\_ms\_total\_shipping\_units": {

"value": "5"

},

"StringCustomFieldRef\_\_custbody\_created\_from\_transaction": {

"value": "O29562"

},

"DateCustomFieldRef\_\_custbody\_jil\_delivery\_time": {

"value": "1970-01-01T00:00:00.000-08:00"

},

"DoubleCustomFieldRef\_\_custbody\_total\_fulfillment\_weight": {

"value": "40.5"

},

"SelectCustomFieldRef\_\_custbody\_856\_asn\_message\_status": {

"value": {

"name": "Sent"

}

},

"StringCustomFieldRef\_\_custbody\_jil\_trackingnumber": {

"value": "tracking13a"

},

"StringCustomFieldRef\_\_custbody\_wmsse\_transactiontype": {

"value": "SalesOrd"

},

"LongCustomFieldRef\_\_custbody\_jil\_total\_pallets": {

"value": "1"

},

"LongCustomFieldRef\_\_custbody\_total\_pallets\_shipped": {

"value": "1"

},

"BooleanCustomFieldRef\_\_custbody\_sps\_batched\_print\_com": {

"value": "false"

},

"BooleanCustomFieldRef\_\_custbody\_sps\_package\_validation\_bypass": {

"value": "false"

},

"BooleanCustomFieldRef\_\_custbody\_ms\_shipment\_complete": {

"value": "true"

},

"DateCustomFieldRef\_\_custbody\_jil\_delivery\_date": {

"value": "2024-01-15T21:00:00.000-08:00"

},

"SelectCustomFieldRef\_\_custbody\_system\_integration\_status": {

"value": {

"name": "Ready"

}

},

"StringCustomFieldRef\_\_custbody\_sps\_ponum\_from\_salesorder": {

"value": "4516373647A"

},

"SelectCustomFieldRef\_\_custbody\_sps\_package\_data\_source": {

"value": {

"name": "SPS"

}

},

"StringCustomFieldRef\_\_custbody\_jil\_delivery\_instructions": {

"value": "instructions test 1"

},

"DoubleCustomFieldRef\_\_custbody\_jil\_total\_qty\_auto": {

"value": "5.0"

},

"DoubleCustomFieldRef\_\_custbody\_bol\_fullfilment\_weight": {

"value": "40.5"

},

"BooleanCustomFieldRef\_\_custbodychep\_pallets": {

"value": "false"

},

"StringCustomFieldRef\_\_custbody\_bol\_trailer\_number": {

"value": "trailer13a"

},

"StringCustomFieldRef\_\_custbody\_created\_from\_order": {

"value": "4516373647A"

},

"DoubleCustomFieldRef\_\_custbody\_edi\_estimatedpalletqty": {

"value": "1.0"

}

},

"itemList": [

{

"itemReceive": "true",

"itemName": "inactive-10040-436",

"description": "VWR FILTER UNIT PES 75MM 0.2U 500ML CS12",

"location": {

"name": "JPW - 200 River Rd Falls Township PA"

},

"onHand": "361.0",

"quantity": "5.0",

"unitsDisplay": "CS",

"inventoryDetail": {

"inventoryAssignmentList": {

"inventoryAssignment": {

"internalId": "2992103",

"issueInventoryNumber": {

"name": "55555555"

},

"binNumber": {

"name": "A-1-005"

},

"quantity": "5.0",

"expirationDate": "2027-12-31T21:00:00.000-08:00",

"quantityAvailable": "100.0",

"inventoryStatus": {

"name": "Good"

}

}

}

},

"item": {

"statusCode": "cc",

"itemName": "inactive-10040-436",

"description": "VWR FILTER UNIT PES 75MM 0.2U 500ML CS12",

"quantity": "5.0"

},

"orderLine": "1",

"quantityRemaining": "5.0",

"customFieldList": {

"DoubleCustomFieldRef\_\_custcol\_piece\_weight": {

"value": "8.1"

},

"DoubleCustomFieldRef\_\_custcol\_line\_weight": {

"value": "40.5"

},

"DoubleCustomFieldRef\_\_custcol\_bol\_roll\_width": {

"value": "15.4"

},

"DoubleCustomFieldRef\_\_custcol\_if\_bol\_col\_weight": {

"value": "40.5"

},

"DoubleCustomFieldRef\_\_custcol\_if\_bol\_col\_weight\_item": {

"value": "8.1"

},

"DoubleCustomFieldRef\_\_custcol\_bol\_qty\_handling\_unit": {

"value": "5.0"

},

"StringCustomFieldRef\_\_custcol\_bol\_weight\_units\_show": {

"value": "lb"

},

"DoubleCustomFieldRef\_\_custcol\_sps\_qtypacked": {

"value": "5.0"

},

"LongCustomFieldRef\_\_custcol\_chr\_line\_unique\_key": {

"value": "5559363"

},

"DoubleCustomFieldRef\_\_custcol\_qty\_lvl\_1": {

"value": "1.0"

},

"DoubleCustomFieldRef\_\_custcol\_qty\_lvl\_2": {

"value": "1.0"

},

"DoubleCustomFieldRef\_\_custcol\_qty\_lvl\_3": {

"value": "1.0"

},

"StringCustomFieldRef\_\_custcol\_line\_seq": {

"value": "1"

},

"StringCustomFieldRef\_\_custcol\_ms\_vpn": {

"value": "98765"

},

"DoubleCustomFieldRef\_\_custcol\_avantor\_cs\_convert": {

"value": "5.0"

}

}

}

],

"itemFulfillmentInternalId": "3931799"

}

]

How to add external fields in the input json by using of update function

[

{

"tranDate": "2023-12-27T21:00:00.000-08:00",

"createdDate": "2023-12-28T13:29:51.000-08:00",

"tranId": "IA2041",

"lastModifiedDate": "2024-02-20T05:30:45.000-08:00",

"subsidiary": {

"name": "Jillamy Packaging & Warehouse"

},

"account": {

"name": "5100 Cost of Goods Sold : Inventory Adjustment"

},

"customForm": {

"name": "Jillamy, Inc. - Inventory Adjustment"

},

"estimatedTotalValue": "0.0",

"customer": {

"name": "BDP International, Inc (Avantor)"

},

"adjLocation": {

"name": "JPW - 200 River Rd Falls Township PA"

},

"inventoryList": {

"inventory": {

"item": {

"name": "inactive-10040-436"

},

"line": "1",

"inventoryDetail": {

"inventoryAssignmentList": {

"inventoryAssignment": {

"internalId": "2991836",

"issueInventoryNumber": {

"name": "231118055A"

},

"binNumber": {

"name": "A-1-001"

},

"quantity": "-5.0",

"expirationDate": "2026-11-17T21:00:00.000-08:00",

"quantityAvailable": "271.0",

"inventoryStatus": {

"name": "Good"

}

}

}

},

"description": "VWR FILTER UNIT PES 75MM 0.2U 500ML CS12",

"location": {

"name": "JPW - 200 River Rd Falls Township PA"

},

"units": {

"name": "CS"

},

"quantityOnHand": "276.0",

"currentValue": "0.0",

"adjustQtyBy": "-5.0",

"newQuantity": "271.0",

"unitCost": "0.0"

}

},

"customFieldList": {

"StringCustomFieldRef\_\_custbody\_947\_vpn": {

"value": "98765"

},

"SelectCustomFieldRef\_\_custbody\_ms\_movement\_codes": {

"value": {

"name": "1600\_Cycle Count"

}

},

"SelectCustomFieldRef\_\_custbody\_system\_integration\_status": {

"value": {

"name": "Ready"

}

}

},

"inventoryAdjustmentInternalId": "3902094"

},

{

"tranDate": "2023-12-30T21:00:00.000-08:00",

"createdDate": "2024-01-02T08:23:54.000-08:00",

"tranId": "IA2042",

"lastModifiedDate": "2024-02-20T05:30:45.000-08:00",

"subsidiary": {

"name": "Jillamy Packaging & Warehouse"

},

"account": {

"name": "5100 Cost of Goods Sold : Inventory Adjustment"

},

"customForm": {

"name": "Jillamy, Inc. - Inventory Adjustment"

},

"estimatedTotalValue": "0.0",

"customer": {

"name": "BDP International, Inc (Avantor)"

},

"adjLocation": {

"name": "JPW - 200 River Rd Falls Township PA"

},

"inventoryList": {

"inventory": {

"item": {

"name": "inactive-10040-436"

},

"line": "1",

"inventoryDetail": {

"inventoryAssignmentList": {

"inventoryAssignment": {

"internalId": "2991858",

"receiptInventoryNumber": "55555555",

"binNumber": {

"name": "A-1-005"

},

"quantity": "100.0",

"expirationDate": "2027-12-31T21:00:00.000-08:00",

"inventoryStatus": {

"name": "Good"

}

}

}

},

"description": "VWR FILTER UNIT PES 75MM 0.2U 500ML CS12",

"location": {

"name": "JPW - 200 River Rd Falls Township PA"

},

"units": {

"name": "CS"

},

"quantityOnHand": "271.0",

"currentValue": "0.0",

"adjustQtyBy": "100.0",

"newQuantity": "366.0",

"unitCost": "0.0",

"memo": "test line 1"

},

"inventory": {

"item": {

"name": "inactive-10040-436"

},

"line": "2",

"inventoryDetail": {

"inventoryAssignmentList": {

"inventoryAssignment": {

"internalId": "2995044",

"issueInventoryNumber": {

"name": "231118055A"

},

"binNumber": {

"name": "A-1-001"

},

"quantity": "-5.0",

"expirationDate": "2026-11-17T21:00:00.000-08:00",

"quantityAvailable": "271.0",

"inventoryStatus": {

"name": "Good"

}

}

}

},

"description": "VWR FILTER UNIT PES 75MM 0.2U 500ML CS12",

"location": {

"name": "JPW - 200 River Rd Falls Township PA"

},

"units": {

"name": "CS"

},

"quantityOnHand": "271.0",

"currentValue": "0.0",

"adjustQtyBy": "-5.0",

"newQuantity": "366.0",

"unitCost": "0.0",

"memo": "test line 2"

}

},

"customFieldList": {

"StringCustomFieldRef\_\_custbody\_947\_vpn": {

"value": "98765"

},

"SelectCustomFieldRef\_\_custbody\_ms\_movement\_codes": {

"value": {

"name": "Cycle Count Adjustment"

}

},

"SelectCustomFieldRef\_\_custbody\_system\_integration\_status": {

"value": {

"name": "Ready"

}

}

},

"inventoryAdjustmentInternalId": "3925897"

}

]

Dataweave expression

%dw 2.0

output application/json

---

payload map ((item, index) -> item update {

case .inventoryList.\*inventory -> ($ update {

case .inventoryDetail.inventoryAssignmentList.\*inventoryAssignment -> ($ update {

case .binNumber -> $.name

}

++ {

"customFieldList": {

"ms\_vpn": "1234"

}

})

}

) ++ {

"reasonCode":

if (sum($.inventoryDetail.\*inventoryAssignmentList.inventoryAssignment.quantity) < 0)

"53"

else

"03"

}

}

)

Output

[

{

"tranDate": "2023-12-27T21:00:00.000-08:00",

"createdDate": "2023-12-28T13:29:51.000-08:00",

"tranId": "IA2041",

"lastModifiedDate": "2024-02-20T05:30:45.000-08:00",

"subsidiary": {

"name": "Jillamy Packaging & Warehouse"

},

"account": {

"name": "5100 Cost of Goods Sold : Inventory Adjustment"

},

"customForm": {

"name": "Jillamy, Inc. - Inventory Adjustment"

},

"estimatedTotalValue": "0.0",

"customer": {

"name": "BDP International, Inc (Avantor)"

},

"adjLocation": {

"name": "JPW - 200 River Rd Falls Township PA"

},

"inventoryList": {

"inventory": {

"item": {

"name": "inactive-10040-436"

},

"line": "1",

"inventoryDetail": {

"inventoryAssignmentList": {

"inventoryAssignment": {

"internalId": "2991836",

"issueInventoryNumber": {

"name": "231118055A"

},

"binNumber": "A-1-001",

"quantity": "-5.0",

"expirationDate": "2026-11-17T21:00:00.000-08:00",

"quantityAvailable": "271.0",

"inventoryStatus": {

"name": "Good"

},

"customFieldList": {

"ms\_vpn": "1234"

}

}

}

},

"description": "VWR FILTER UNIT PES 75MM 0.2U 500ML CS12",

"location": {

"name": "JPW - 200 River Rd Falls Township PA"

},

"units": {

"name": "CS"

},

"quantityOnHand": "276.0",

"currentValue": "0.0",

"adjustQtyBy": "-5.0",

"newQuantity": "271.0",

"unitCost": "0.0",

"reasonCode": "53"

}

},

"customFieldList": {

"StringCustomFieldRef\_\_custbody\_947\_vpn": {

"value": "98765"

},

"SelectCustomFieldRef\_\_custbody\_ms\_movement\_codes": {

"value": {

"name": "1600\_Cycle Count"

}

},

"SelectCustomFieldRef\_\_custbody\_system\_integration\_status": {

"value": {

"name": "Ready"

}

}

},

"inventoryAdjustmentInternalId": "3902094"

},

{

"tranDate": "2023-12-30T21:00:00.000-08:00",

"createdDate": "2024-01-02T08:23:54.000-08:00",

"tranId": "IA2042",

"lastModifiedDate": "2024-02-20T05:30:45.000-08:00",

"subsidiary": {

"name": "Jillamy Packaging & Warehouse"

},

"account": {

"name": "5100 Cost of Goods Sold : Inventory Adjustment"

},

"customForm": {

"name": "Jillamy, Inc. - Inventory Adjustment"

},

"estimatedTotalValue": "0.0",

"customer": {

"name": "BDP International, Inc (Avantor)"

},

"adjLocation": {

"name": "JPW - 200 River Rd Falls Township PA"

},

"inventoryList": {

"inventory": {

"item": {

"name": "inactive-10040-436"

},

"line": "1",

"inventoryDetail": {

"inventoryAssignmentList": {

"inventoryAssignment": {

"internalId": "2991858",

"receiptInventoryNumber": "55555555",

"binNumber": "A-1-005",

"quantity": "100.0",

"expirationDate": "2027-12-31T21:00:00.000-08:00",

"inventoryStatus": {

"name": "Good"

},

"customFieldList": {

"ms\_vpn": "1234"

}

}

}

},

"description": "VWR FILTER UNIT PES 75MM 0.2U 500ML CS12",

"location": {

"name": "JPW - 200 River Rd Falls Township PA"

},

"units": {

"name": "CS"

},

"quantityOnHand": "271.0",

"currentValue": "0.0",

"adjustQtyBy": "100.0",

"newQuantity": "366.0",

"unitCost": "0.0",

"memo": "test line 1",

"reasonCode": "03"

},

"inventory": {

"item": {

"name": "inactive-10040-436"

},

"line": "2",

"inventoryDetail": {

"inventoryAssignmentList": {

"inventoryAssignment": {

"internalId": "2995044",

"issueInventoryNumber": {

"name": "231118055A"

},

"binNumber": "A-1-001",

"quantity": "-5.0",

"expirationDate": "2026-11-17T21:00:00.000-08:00",

"quantityAvailable": "271.0",

"inventoryStatus": {

"name": "Good"

},

"customFieldList": {

"ms\_vpn": "1234"

}

}

}

},

"description": "VWR FILTER UNIT PES 75MM 0.2U 500ML CS12",

"location": {

"name": "JPW - 200 River Rd Falls Township PA"

},

"units": {

"name": "CS"

},

"quantityOnHand": "271.0",

"currentValue": "0.0",

"adjustQtyBy": "-5.0",

"newQuantity": "366.0",

"unitCost": "0.0",

"memo": "test line 2",

"reasonCode": "53"

}

},

"customFieldList": {

"StringCustomFieldRef\_\_custbody\_947\_vpn": {

"value": "98765"

},

"SelectCustomFieldRef\_\_custbody\_ms\_movement\_codes": {

"value": {

"name": "Cycle Count Adjustment"

}

},

"SelectCustomFieldRef\_\_custbody\_system\_integration\_status": {

"value": {

"name": "Ready"

}

}

},

"inventoryAdjustmentInternalId": "3925897"

}

]

How to remove string in the in the custom field list

[

    {

        "createdDate": "2022-06-03T06:22:21.000-07:00",

        "lastModifiedDate": "2024-02-23T08:58:18.000-08:00",

        "customForm": {

            "name": "Jillamy, Inc. - Item Fulfillment Form"

        },

        "entity": {

            "name": "Manildra"

        },

        "createdFrom": {

            "name": "Sales Order #SO918"

        },

        "createdFromShipGroup": "1",

        "shippingAddress": {

            "country": "\_canada",

            "addressee": "CANADA BREAD CO. LTD",

            "addr1": "BOULANGERIE CANADA BREAD LIMITEE",

            "addr2": "745 NEBO RD",

            "city": "HANNON",

            "state": "ON",

            "zip": "L0R 1P0",

            "addrText": "CANADA BREAD CO. LTD\nBOULANGERIE CANADA BREAD LIMITEE\n745 NEBO RD \nHANNON ON L0R 1P0\nCanada",

            "override": "false"

        },

        "shipIsResidential": "false",

        "shipAddressList": {

            "name": "BOULANGERIE CANADA BREAD LIMITEE"

        },

        "shipStatus": "\_shipped",

        "tranDate": "2022-06-02T21:00:00.000-07:00",

        "tranId": "IF934",

        "shipMethod": {

            "name": "XPO Logistics"

        },

        "shippingCost": "0.0",

        "packageList": {

            "package": {

                "packageWeight": "1000.0",

                "packageDescr": "185517"

            }

        },

        "customFieldList": {

            "StringCustomFieldRef\_\_custbody\_bol\_total\_item\_weight": {

                "value": "1000 lb"

            },

            "DoubleCustomFieldRef\_\_custbody\_jil\_total\_weight\_auto": {

                "value": "0.0"

            },

            "StringCustomFieldRef\_\_custbody\_ms\_total\_shipping\_units": {

                "value": "20"

            },

            "StringCustomFieldRef\_\_custbody\_created\_from\_transaction": {

                "value": "#SO918"

            },

            "StringCustomFieldRef\_\_custbody\_wmsse\_transactiontype": {

                "value": "SalesOrd"

            },

            "LongCustomFieldRef\_\_custbody\_total\_pallets\_shipped": {

                "value": "1"

            },

            "BooleanCustomFieldRef\_\_custbody\_sps\_batched\_print\_com": {

                "value": "false"

            },

            "BooleanCustomFieldRef\_\_custbody\_sps\_package\_validation\_bypass": {

                "value": "false"

            },

            "BooleanCustomFieldRef\_\_custbody\_ms\_shipment\_complete": {

                "value": "false"

            },

            "SelectCustomFieldRef\_\_custbody\_system\_integration\_status": {

                "value": {

                    "name": "Ready"

                }

            },

            "StringCustomFieldRef\_\_custbody\_sps\_ponum\_from\_salesorder": {

                "value": "185721"

            },

            "SelectCustomFieldRef\_\_custbody\_sps\_package\_data\_source": {

                "value": {

                    "name": "SPS"

                }

            },

            "StringCustomFieldRef\_\_custbody\_if\_bol\_notes": {

                "value": "tl#4632239"

            },

            "DoubleCustomFieldRef\_\_custbody\_jil\_total\_qty\_auto": {

                "value": "20.0"

            },

            "DoubleCustomFieldRef\_\_custbody\_bol\_fullfilment\_weight": {

                "value": "1000.0"

            },

            "BooleanCustomFieldRef\_\_custbodychep\_pallets": {

                "value": "false"

            },

            "StringCustomFieldRef\_\_custbody\_created\_from\_order": {

                "value": "185721"

            }

        },

        "itemList": [

            {

                "itemReceive": "true",

                "itemName": "ST-AFBGMB",

                "description": "FIBERGEM - 50LB",

                "location": {

                    "name": "JPW - 696/700/750/790 Jacksonville Rd, PA PP:Tony,Da"

                },

                "onHand": "0.0",

                "quantity": "20.0",

                "unitsDisplay": "BG",

                "inventoryDetail": {

                    "inventoryAssignmentList": {

                        "inventoryAssignment": {

                            "internalId": "119908",

                            "issueInventoryNumber": {

                                "name": "11/01/21"

                            },

                            "binNumber": {

                                "name": "JK-007"

                            },

                            "quantity": "20.0",

                            "quantityAvailable": "20.0",

                            "inventoryStatus": {

                                "name": "Good"

                            }

                        }

                    }

                },

                "item": {

                    "name": "ST-AFBGMB"

                },

                "orderLine": "1",

                "quantityRemaining": "20.0",

                "customFieldList": {

                    "SelectCustomFieldRef\_\_custcol\_freight\_class": {

                        "value": {

                            "name": "65"

                        }

                    },

                    "StringCustomFieldRef\_\_custcol\_item\_display\_name": {

                        "value": "FIBERGEM - 50LB"

                    },

                    "DoubleCustomFieldRef\_\_custcol\_piece\_weight": {

                        "value": "50.0"

                    },

                    "DoubleCustomFieldRef\_\_custcol\_line\_weight": {

                        "value": "0.0"

                    },

                    "DoubleCustomFieldRef\_\_custcol\_if\_bol\_col\_weight": {

                        "value": "1000.0"

                    },

                    "DoubleCustomFieldRef\_\_custcol\_if\_bol\_col\_weight\_item": {

                        "value": "50.0"

                    },

                    "StringCustomFieldRef\_\_custcol\_bol\_weight\_units\_show": {

                        "value": "lb"

                    },

                    "StringCustomFieldRef\_\_custcol\_line\_seq": {

                        "value": "1"

                    }

                }

            }

        ],

        "itemFulfillmentInternalId": "185517"

    },

    {

        "createdDate": "2022-06-08T11:42:44.000-07:00",

        "lastModifiedDate": "2024-02-23T08:58:18.000-08:00",

        "customForm": {

            "name": "Jillamy, Inc. - Item Fulfillment Form"

        },

        "entity": {

            "name": "Manildra"

        },

        "createdFrom": {

            "name": "Sales Order #SO956"

        },

        "createdFromShipGroup": "1",

        "shippingAddress": {

            "country": "\_unitedStates",

            "attention": "NESTLE USA - PIZZA",

            "addressee": "US PL LITTLE CHUTE",

            "addr1": "401 W NORTH AVENUE",

            "addr2": "OUTAGAMIE",

            "city": "LITTLE CHUTE",

            "state": "WI",

            "zip": "54140",

            "addrText": "NESTLE USA - PIZZA\nUS PL LITTLE CHUTE\n401 W NORTH AVENUE\nOUTAGAMIE\nLITTLE CHUTE WI 54140\nUnited States",

            "override": "false"

        },

        "shipIsResidential": "false",

        "shipAddressList": {

            "name": "NESTLE - LITTLE CHUTE"

        },

        "shipStatus": "\_shipped",

        "tranDate": "2022-06-07T21:00:00.000-07:00",

        "tranId": "IF982",

        "shipMethod": {

            "name": "Customer Pick-Up"

        },

        "shippingCost": "0.0",

        "packageList": {

            "package": {

                "packageWeight": "41664.0",

                "packageDescr": "195640"

            }

        },

        "customFieldList": {

            "StringCustomFieldRef\_\_custbody\_bol\_seal\_number": {

                "value": "2244437"

            },

            "StringCustomFieldRef\_\_custbody\_bol\_total\_item\_weight": {

                "value": "41664 lb"

            },

            "DoubleCustomFieldRef\_\_custbody\_jil\_total\_weight\_auto": {

                "value": "0.0"

            },

            "StringCustomFieldRef\_\_custbody\_ms\_total\_shipping\_units": {

                "value": "21"

            },

            "StringCustomFieldRef\_\_custbody\_created\_from\_transaction": {

                "value": "#SO956"

            },

            "StringCustomFieldRef\_\_custbody\_wmsse\_transactiontype": {

                "value": "SalesOrd"

            },

            "LongCustomFieldRef\_\_custbody\_total\_pallets\_shipped": {

                "value": "21"

            },

            "BooleanCustomFieldRef\_\_custbody\_sps\_batched\_print\_com": {

                "value": "false"

            },

            "BooleanCustomFieldRef\_\_custbody\_sps\_package\_validation\_bypass": {

                "value": "false"

            },

            "BooleanCustomFieldRef\_\_custbody\_ms\_shipment\_complete": {

                "value": "false"

            },

            "SelectCustomFieldRef\_\_custbody\_system\_integration\_status": {

                "value": {

                    "name": "Ready"

                }

            },

            "StringCustomFieldRef\_\_custbody\_sps\_ponum\_from\_salesorder": {

                "value": "185962"

            },

            "SelectCustomFieldRef\_\_custbody\_sps\_package\_data\_source": {

                "value": {

                    "name": "SPS"

                }

            },

            "StringCustomFieldRef\_\_custbody\_if\_bol\_notes": {

                "value": "TR#UL53867\nSITE# 0100937131 BOMADERRY"

            },

            "DoubleCustomFieldRef\_\_custbody\_jil\_total\_qty\_auto": {

                "value": "21.0"

            },

            "DoubleCustomFieldRef\_\_custbody\_bol\_fullfilment\_weight": {

                "value": "41664.0"

            },

            "BooleanCustomFieldRef\_\_custbodychep\_pallets": {

                "value": "false"

            },

            "StringCustomFieldRef\_\_custbody\_created\_from\_order": {

                "value": "185962"

            }

        },

        "itemList": [

            {

                "itemReceive": "true",

                "itemName": "GL-AUST",

                "description": "WHEAT GLUTEN TOTE - 900KG",

                "location": {

                    "name": "JPW - 696/700/750/790 Jacksonville Rd, PA PP:Tony,Da"

                },

                "onHand": "0.0",

                "quantity": "21.0",

                "unitsDisplay": "TT",

                "inventoryDetail": {

                    "inventoryAssignmentList": {

                        "inventoryAssignment": {

                            "internalId": "126090",

                            "issueInventoryNumber": {

                                "name": "11/11/21"

                            },

                            "binNumber": {

                                "name": "JK-007"

                            },

                            "quantity": "1.0",

                            "quantityAvailable": "1.0",

                            "inventoryStatus": {

                                "name": "Good"

                            }

                        },

                        "inventoryAssignment": {

                            "internalId": "126091",

                            "issueInventoryNumber": {

                                "name": "02/26/22"

                            },

                            "binNumber": {

                                "name": "JK-007"

                            },

                            "quantity": "10.0",

                            "quantityAvailable": "10.0",

                            "inventoryStatus": {

                                "name": "Good"

                            }

                        },

                        "inventoryAssignment": {

                            "internalId": "126092",

                            "issueInventoryNumber": {

                                "name": "02/26/22"

                            },

                            "binNumber": {

                                "name": "JK-007"

                            },

                            "quantity": "10.0",

                            "quantityAvailable": "10.0",

                            "inventoryStatus": {

                                "name": "Good"

                            }

                        }

                    }

                },

                "item": {

                    "name": "GL-AUST"

                },

                "orderLine": "1",

                "quantityRemaining": "21.0",

                "customFieldList": {

                    "SelectCustomFieldRef\_\_custcol\_freight\_class": {

                        "value": {

                            "name": "65"

                        }

                    },

                    "StringCustomFieldRef\_\_custcol\_nmfc": {

                        "value": "02/26/22-20, 11/11/21-1"

                    },

                    "StringCustomFieldRef\_\_custcol\_item\_display\_name": {

                        "value": "WHEAT GLUTEN TOTE - 900KG"

                    },

                    "DoubleCustomFieldRef\_\_custcol\_piece\_weight": {

                        "value": "1984.0"

                    },

                    "DoubleCustomFieldRef\_\_custcol\_line\_weight": {

                        "value": "0.0"

                    },

                    "DoubleCustomFieldRef\_\_custcol\_if\_bol\_col\_weight": {

                        "value": "41664.0"

                    },

                    "DoubleCustomFieldRef\_\_custcol\_if\_bol\_col\_weight\_item": {

                        "value": "1984.0"

                    },

                    "StringCustomFieldRef\_\_custcol\_bol\_weight\_units\_show": {

                        "value": "lb"

                    },

                    "StringCustomFieldRef\_\_custcol\_line\_seq": {

                        "value": "1"

                    }

                }

            }

        ],

        "itemFulfillmentInternalId": "195640"

    },

    {

        "createdDate": "2024-01-03T12:48:58.000-08:00",

        "lastModifiedDate": "2024-02-23T08:58:17.000-08:00",

        "customForm": {

            "name": "Jillamy, Inc. - Item Fulfillment Form"

        },

        "entity": {

            "name": "BDP International, Inc (Avantor)"

        },

        "createdFrom": {

            "name": "Sales Order #SO29562"

        },

        "createdFromShipGroup": "1",

        "shippingAddress": {

            "country": "\_unitedStates",

            "addressee": "BDP International, Inc",

            "addr1": "510 Walnut Street",

            "addr2": "Accounting Dept. 3rd Floor",

            "city": "Philadelphia",

            "state": "PA",

            "zip": "19106",

            "addrText": "BDP International, Inc\n510 Walnut Street\nAccounting Dept. 3rd Floor\nPhiladelphia PA 19106\nUnited States",

            "override": "false"

        },

        "shipIsResidential": "false",

        "shipAddressList": {

            "name": "510 Walnut Street"

        },

        "shipStatus": "\_shipped",

        "tranDate": "2024-01-02T21:00:00.000-08:00",

        "tranId": "IF29208",

        "shipMethod": {

            "name": "Jillamy Transportation Inc."

        },

        "shippingCost": "0.0",

        "packageList": {

            "package": {

                "packageWeight": "40.5",

                "packageDescr": "3931799"

            }

        },

        "customFieldList": {

            "SelectCustomFieldRef\_\_custbody\_sfc\_status": {

                "value": {

                    "name": "Sent"

                }

            },

            "LongCustomFieldRef\_\_custbody\_sps\_trans\_carton\_ct": {

                "value": "1"

            },

            "StringCustomFieldRef\_\_custbody\_bol\_seal\_number": {

                "value": "seal13a"

            },

            "StringCustomFieldRef\_\_custbody\_jil\_cust\_po\_num": {

                "value": "7021177276A"

            },

            "StringCustomFieldRef\_\_custbody\_bol\_total\_item\_weight": {

                "value": "40.5 lb"

            },

            "DoubleCustomFieldRef\_\_custbody\_jil\_total\_weight\_auto": {

                "value": "40.5"

            },

            "StringCustomFieldRef\_\_custbody\_ms\_total\_shipping\_units": {

                "value": "5"

            },

            "StringCustomFieldRef\_\_custbody\_created\_from\_transaction": {

                "value": "O29562"

            },

            "DateCustomFieldRef\_\_custbody\_jil\_delivery\_time": {

                "value": "1970-01-01T00:00:00.000-08:00"

            },

            "DoubleCustomFieldRef\_\_custbody\_total\_fulfillment\_weight": {

                "value": "40.5"

            },

            "SelectCustomFieldRef\_\_custbody\_856\_asn\_message\_status": {

                "value": {

                    "name": "Sent"

                }

            },

            "StringCustomFieldRef\_\_custbody\_jil\_trackingnumber": {

                "value": "tracking13a"

            },

            "StringCustomFieldRef\_\_custbody\_wmsse\_transactiontype": {

                "value": "SalesOrd"

            },

            "LongCustomFieldRef\_\_custbody\_jil\_total\_pallets": {

                "value": "1"

            },

            "LongCustomFieldRef\_\_custbody\_total\_pallets\_shipped": {

                "value": "1"

            },

            "BooleanCustomFieldRef\_\_custbody\_sps\_batched\_print\_com": {

                "value": "false"

            },

            "BooleanCustomFieldRef\_\_custbody\_sps\_package\_validation\_bypass": {

                "value": "false"

            },

            "BooleanCustomFieldRef\_\_custbody\_ms\_shipment\_complete": {

                "value": "true"

            },

            "DateCustomFieldRef\_\_custbody\_jil\_delivery\_date": {

                "value": "2024-01-15T21:00:00.000-08:00"

            },

            "SelectCustomFieldRef\_\_custbody\_system\_integration\_status": {

                "value": {

                    "name": "Ready"

                }

            },

            "StringCustomFieldRef\_\_custbody\_sps\_ponum\_from\_salesorder": {

                "value": "4516373647A"

            },

            "SelectCustomFieldRef\_\_custbody\_sps\_package\_data\_source": {

                "value": {

                    "name": "SPS"

                }

            },

            "StringCustomFieldRef\_\_custbody\_jil\_delivery\_instructions": {

                "value": "instructions test 1"

            },

            "DoubleCustomFieldRef\_\_custbody\_jil\_total\_qty\_auto": {

                "value": "5.0"

            },

            "DoubleCustomFieldRef\_\_custbody\_bol\_fullfilment\_weight": {

                "value": "40.5"

            },

            "BooleanCustomFieldRef\_\_custbodychep\_pallets": {

                "value": "false"

            },

            "StringCustomFieldRef\_\_custbody\_bol\_trailer\_number": {

                "value": "trailer13a"

            },

            "StringCustomFieldRef\_\_custbody\_created\_from\_order": {

                "value": "4516373647A"

            },

            "DoubleCustomFieldRef\_\_custbody\_edi\_estimatedpalletqty": {

                "value": "1.0"

            }

        },

        "itemList": [

            {

                "itemReceive": "true",

                "itemName": "inactive-10040-436",

                "description": "VWR FILTER UNIT PES 75MM 0.2U 500ML CS12",

                "location": {

                    "name": "JPW - 200 River Rd Falls Township PA"

                },

                "onHand": "361.0",

                "quantity": "5.0",

                "unitsDisplay": "CS",

                "inventoryDetail": {

                    "inventoryAssignmentList": {

                        "inventoryAssignment": {

                            "internalId": "2992103",

                            "issueInventoryNumber": {

                                "name": "55555555"

                            },

                            "binNumber": {

                                "name": "A-1-005"

                            },

                            "quantity": "5.0",

                            "expirationDate": "2027-12-31T21:00:00.000-08:00",

                            "quantityAvailable": "100.0",

                            "inventoryStatus": {

                                "name": "Good"

                            }

                        }

                    }

                },

                "item": {

                    "name": "inactive-10040-436"

                },

                "orderLine": "1",

                "quantityRemaining": "5.0",

                "customFieldList": {

                    "DoubleCustomFieldRef\_\_custcol\_piece\_weight": {

                        "value": "8.1"

                    },

                    "DoubleCustomFieldRef\_\_custcol\_line\_weight": {

                        "value": "40.5"

                    },

                    "DoubleCustomFieldRef\_\_custcol\_bol\_roll\_width": {

                        "value": "15.4"

                    },

                    "DoubleCustomFieldRef\_\_custcol\_if\_bol\_col\_weight": {

                        "value": "40.5"

                    },

                    "DoubleCustomFieldRef\_\_custcol\_if\_bol\_col\_weight\_item": {

                        "value": "8.1"

                    },

                    "DoubleCustomFieldRef\_\_custcol\_bol\_qty\_handling\_unit": {

                        "value": "5.0"

                    },

                    "StringCustomFieldRef\_\_custcol\_bol\_weight\_units\_show": {

                        "value": "lb"

                    },

                    "DoubleCustomFieldRef\_\_custcol\_sps\_qtypacked": {

                        "value": "5.0"

                    },

                    "LongCustomFieldRef\_\_custcol\_chr\_line\_unique\_key": {

                        "value": "5559363"

                    },

                    "DoubleCustomFieldRef\_\_custcol\_qty\_lvl\_1": {

                        "value": "1.0"

                    },

                    "DoubleCustomFieldRef\_\_custcol\_qty\_lvl\_2": {

                        "value": "1.0"

                    },

                    "DoubleCustomFieldRef\_\_custcol\_qty\_lvl\_3": {

                        "value": "1.0"

                    },

                    "StringCustomFieldRef\_\_custcol\_line\_seq": {

                        "value": "1"

                    },

                    "StringCustomFieldRef\_\_custcol\_ms\_vpn": {

                        "value": "98765"

                    },

                    "DoubleCustomFieldRef\_\_custcol\_avantor\_cs\_convert": {

                        "value": "5.0"

                    }

                }

            }

        ],

        "itemFulfillmentInternalId": "3931799"

    }

]

Dataweave expression

%dw 2.0

output application/json

fun camelizeKey(key) = ((((key splitBy("\_")) [3 to (sizeOf(key splitBy("\_"))-1)]) map (if($$>0) ((upper($[0])++$[1 to sizeOf($)-1]) default $) else $ )) joinBy "" ) default key

---

payload map

( $ update {

case .customFieldList -> ($ mapObject ((value, key, index) ->

((camelizeKey(key)) : value)

))

case itemList at .itemList-> itemList map ((item, index) -> item update {

case .customFieldList -> ($ mapObject ((value, key, index) ->

((camelizeKey(key)) : value)

))

}) } )

Output

[

{

"createdDate": "2022-06-03T06:22:21.000-07:00",

"lastModifiedDate": "2024-02-23T08:58:18.000-08:00",

"customForm": {

"name": "Jillamy, Inc. - Item Fulfillment Form"

},

"entity": {

"name": "Manildra"

},

"createdFrom": {

"name": "Sales Order #SO918"

},

"createdFromShipGroup": "1",

"shippingAddress": {

"country": "\_canada",

"addressee": "CANADA BREAD CO. LTD",

"addr1": "BOULANGERIE CANADA BREAD LIMITEE",

"addr2": "745 NEBO RD",

"city": "HANNON",

"state": "ON",

"zip": "L0R 1P0",

"addrText": "CANADA BREAD CO. LTD\nBOULANGERIE CANADA BREAD LIMITEE\n745 NEBO RD \nHANNON ON L0R 1P0\nCanada",

"override": "false"

},

"shipIsResidential": "false",

"shipAddressList": {

"name": "BOULANGERIE CANADA BREAD LIMITEE"

},

"shipStatus": "\_shipped",

"tranDate": "2022-06-02T21:00:00.000-07:00",

"tranId": "IF934",

"shipMethod": {

"name": "XPO Logistics"

},

"shippingCost": "0.0",

"packageList": {

"package": {

"packageWeight": "1000.0",

"packageDescr": "185517"

}

},

"customFieldList": {

"bolTotalItemWeight": {

"value": "1000 lb"

},

"jilTotalWeightAuto": {

"value": "0.0"

},

"msTotalShippingUnits": {

"value": "20"

},

"createdFromTransaction": {

"value": "#SO918"

},

"wmsseTransactiontype": {

"value": "SalesOrd"

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"value": "1"

},

"spsBatchedPrintCom": {

"value": "false"

},

"spsPackageValidationBypass": {

"value": "false"

},

"msShipmentComplete": {

"value": "false"

},

"systemIntegrationStatus": {

"value": {

"name": "Ready"

}

},

"spsPonumFromSalesorder": {

"value": "185721"

},

"spsPackageDataSource": {

"value": {

"name": "SPS"

}

},

"ifBolNotes": {

"value": "tl#4632239"

},

"jilTotalQtyAuto": {

"value": "20.0"

},

"bolFullfilmentWeight": {

"value": "1000.0"

},

"pallets": {

"value": "false"

},

"createdFromOrder": {

"value": "185721"

}

},

"itemList": [

{

"itemReceive": "true",

"itemName": "ST-AFBGMB",

"description": "FIBERGEM - 50LB",

"location": {

"name": "JPW - 696/700/750/790 Jacksonville Rd, PA PP:Tony,Da"

},

"onHand": "0.0",

"quantity": "20.0",

"unitsDisplay": "BG",

"inventoryDetail": {

"inventoryAssignmentList": {

"inventoryAssignment": {

"internalId": "119908",

"issueInventoryNumber": {

"name": "11/01/21"

},

"binNumber": {

"name": "JK-007"

},

"quantity": "20.0",

"quantityAvailable": "20.0",

"inventoryStatus": {

"name": "Good"

}

}

}

},

"item": {

"name": "ST-AFBGMB"

},

"orderLine": "1",

"quantityRemaining": "20.0",

"customFieldList": {

"freightClass": {

"value": {

"name": "65"

}

},

"itemDisplayName": {

"value": "FIBERGEM - 50LB"

},

"pieceWeight": {

"value": "50.0"

},

"lineWeight": {

"value": "0.0"

},

"ifBolColWeight": {

"value": "1000.0"

},

"ifBolColWeightItem": {

"value": "50.0"

},

"bolWeightUnitsShow": {

"value": "lb"

},

"lineSeq": {

"value": "1"

}

}

}

],

"itemFulfillmentInternalId": "185517"

},

{

"createdDate": "2022-06-08T11:42:44.000-07:00",

"lastModifiedDate": "2024-02-23T08:58:18.000-08:00",

"customForm": {

"name": "Jillamy, Inc. - Item Fulfillment Form"

},

"entity": {

"name": "Manildra"

},

"createdFrom": {

"name": "Sales Order #SO956"

},

"createdFromShipGroup": "1",

"shippingAddress": {

"country": "\_unitedStates",

"attention": "NESTLE USA - PIZZA",

"addressee": "US PL LITTLE CHUTE",

"addr1": "401 W NORTH AVENUE",

"addr2": "OUTAGAMIE",

"city": "LITTLE CHUTE",

"state": "WI",

"zip": "54140",

"addrText": "NESTLE USA - PIZZA\nUS PL LITTLE CHUTE\n401 W NORTH AVENUE\nOUTAGAMIE\nLITTLE CHUTE WI 54140\nUnited States",

"override": "false"

},

"shipIsResidential": "false",

"shipAddressList": {

"name": "NESTLE - LITTLE CHUTE"

},

"shipStatus": "\_shipped",

"tranDate": "2022-06-07T21:00:00.000-07:00",

"tranId": "IF982",

"shipMethod": {

"name": "Customer Pick-Up"

},

"shippingCost": "0.0",

"packageList": {

"package": {

"packageWeight": "41664.0",

"packageDescr": "195640"

}

},

"customFieldList": {

"bolSealNumber": {

"value": "2244437"

},

"bolTotalItemWeight": {

"value": "41664 lb"

},

"jilTotalWeightAuto": {

"value": "0.0"

},

"msTotalShippingUnits": {

"value": "21"

},

"createdFromTransaction": {

"value": "#SO956"

},

"wmsseTransactiontype": {

"value": "SalesOrd"

},

"totalPalletsShipped": {

"value": "21"

},

"spsBatchedPrintCom": {

"value": "false"

},

"spsPackageValidationBypass": {

"value": "false"

},

"msShipmentComplete": {

"value": "false"

},

"systemIntegrationStatus": {

"value": {

"name": "Ready"

}

},

"spsPonumFromSalesorder": {

"value": "185962"

},

"spsPackageDataSource": {

"value": {

"name": "SPS"

}

},

"ifBolNotes": {

"value": "TR#UL53867\nSITE# 0100937131 BOMADERRY"

},

"jilTotalQtyAuto": {

"value": "21.0"

},

"bolFullfilmentWeight": {

"value": "41664.0"

},

"pallets": {

"value": "false"

},

"createdFromOrder": {

"value": "185962"

}

},

"itemList": [

{

"itemReceive": "true",

"itemName": "GL-AUST",

"description": "WHEAT GLUTEN TOTE - 900KG",

"location": {

"name": "JPW - 696/700/750/790 Jacksonville Rd, PA PP:Tony,Da"

},

"onHand": "0.0",

"quantity": "21.0",

"unitsDisplay": "TT",

"inventoryDetail": {

"inventoryAssignmentList": {

"inventoryAssignment": {

"internalId": "126090",

"issueInventoryNumber": {

"name": "11/11/21"

},

"binNumber": {

"name": "JK-007"

},

"quantity": "1.0",

"quantityAvailable": "1.0",

"inventoryStatus": {

"name": "Good"

}

},

"inventoryAssignment": {

"internalId": "126091",

"issueInventoryNumber": {

"name": "02/26/22"

},

"binNumber": {

"name": "JK-007"

},

"quantity": "10.0",

"quantityAvailable": "10.0",

"inventoryStatus": {

"name": "Good"

}

},

"inventoryAssignment": {

"internalId": "126092",

"issueInventoryNumber": {

"name": "02/26/22"

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"binNumber": {

"name": "JK-007"

},

"quantity": "10.0",

"quantityAvailable": "10.0",

"inventoryStatus": {

"name": "Good"

}

}

}

},

"item": {

"name": "GL-AUST"

},

"orderLine": "1",

"quantityRemaining": "21.0",

"customFieldList": {

"freightClass": {

"value": {

"name": "65"

}

},

"nmfc": {

"value": "02/26/22-20, 11/11/21-1"

},

"itemDisplayName": {

"value": "WHEAT GLUTEN TOTE - 900KG"

},

"pieceWeight": {

"value": "1984.0"

},

"lineWeight": {

"value": "0.0"

},

"ifBolColWeight": {

"value": "41664.0"

},

"ifBolColWeightItem": {

"value": "1984.0"

},

"bolWeightUnitsShow": {

"value": "lb"

},

"lineSeq": {

"value": "1"

}

}

}

],

"itemFulfillmentInternalId": "195640"

},

{

"createdDate": "2024-01-03T12:48:58.000-08:00",

"lastModifiedDate": "2024-02-23T08:58:17.000-08:00",

"customForm": {

"name": "Jillamy, Inc. - Item Fulfillment Form"

},

"entity": {

"name": "BDP International, Inc (Avantor)"

},

"createdFrom": {

"name": "Sales Order #SO29562"

},

"createdFromShipGroup": "1",

"shippingAddress": {

"country": "\_unitedStates",

"addressee": "BDP International, Inc",

"addr1": "510 Walnut Street",

"addr2": "Accounting Dept. 3rd Floor",

"city": "Philadelphia",

"state": "PA",

"zip": "19106",

"addrText": "BDP International, Inc\n510 Walnut Street\nAccounting Dept. 3rd Floor\nPhiladelphia PA 19106\nUnited States",

"override": "false"

},

"shipIsResidential": "false",

"shipAddressList": {

"name": "510 Walnut Street"

},

"shipStatus": "\_shipped",

"tranDate": "2024-01-02T21:00:00.000-08:00",

"tranId": "IF29208",

"shipMethod": {

"name": "Jillamy Transportation Inc."

},

"shippingCost": "0.0",

"packageList": {

"package": {

"packageWeight": "40.5",

"packageDescr": "3931799"

}

},

"customFieldList": {

"sfcStatus": {

"value": {

"name": "Sent"

}

},

"spsTransCartonCt": {

"value": "1"

},

"bolSealNumber": {

"value": "seal13a"

},

"jilCustPoNum": {

"value": "7021177276A"

},

"bolTotalItemWeight": {

"value": "40.5 lb"

},

"jilTotalWeightAuto": {

"value": "40.5"

},

"msTotalShippingUnits": {

"value": "5"

},

"createdFromTransaction": {

"value": "O29562"

},

"jilDeliveryTime": {

"value": "1970-01-01T00:00:00.000-08:00"

},

"totalFulfillmentWeight": {

"value": "40.5"

},

"856AsnMessageStatus": {

"value": {

"name": "Sent"

}

},

"jilTrackingnumber": {

"value": "tracking13a"

},

"wmsseTransactiontype": {

"value": "SalesOrd"

},

"jilTotalPallets": {

"value": "1"

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"totalPalletsShipped": {

"value": "1"

},

"spsBatchedPrintCom": {

"value": "false"

},

"spsPackageValidationBypass": {

"value": "false"

},

"msShipmentComplete": {

"value": "true"

},

"jilDeliveryDate": {

"value": "2024-01-15T21:00:00.000-08:00"

},

"systemIntegrationStatus": {

"value": {

"name": "Ready"

}

},

"spsPonumFromSalesorder": {

"value": "4516373647A"

},

"spsPackageDataSource": {

"value": {

"name": "SPS"

}

},

"jilDeliveryInstructions": {

"value": "instructions test 1"

},

"jilTotalQtyAuto": {

"value": "5.0"

},

"bolFullfilmentWeight": {

"value": "40.5"

},

"pallets": {

"value": "false"

},

"bolTrailerNumber": {

"value": "trailer13a"

},

"createdFromOrder": {

"value": "4516373647A"

},

"ediEstimatedpalletqty": {

"value": "1.0"

}

},

"itemList": [

{

"itemReceive": "true",

"itemName": "inactive-10040-436",

"description": "VWR FILTER UNIT PES 75MM 0.2U 500ML CS12",

"location": {

"name": "JPW - 200 River Rd Falls Township PA"

},

"onHand": "361.0",

"quantity": "5.0",

"unitsDisplay": "CS",

"inventoryDetail": {

"inventoryAssignmentList": {

"inventoryAssignment": {

"internalId": "2992103",

"issueInventoryNumber": {

"name": "55555555"

},

"binNumber": {

"name": "A-1-005"

},

"quantity": "5.0",

"expirationDate": "2027-12-31T21:00:00.000-08:00",

"quantityAvailable": "100.0",

"inventoryStatus": {

"name": "Good"

}

}

}

},

"item": {

"name": "inactive-10040-436"

},

"orderLine": "1",

"quantityRemaining": "5.0",

"customFieldList": {

"pieceWeight": {

"value": "8.1"

},

"lineWeight": {

"value": "40.5"

},

"bolRollWidth": {

"value": "15.4"

},

"ifBolColWeight": {

"value": "40.5"

},

"ifBolColWeightItem": {

"value": "8.1"

},

"bolQtyHandlingUnit": {

"value": "5.0"

},

"bolWeightUnitsShow": {

"value": "lb"

},

"spsQtypacked": {

"value": "5.0"

},

"chrLineUniqueKey": {

"value": "5559363"

},

"qtyLvl1": {

"value": "1.0"

},

"qtyLvl2": {

"value": "1.0"

},

"qtyLvl3": {

"value": "1.0"

},

"lineSeq": {

"value": "1"

},

"msVpn": {

"value": "98765"

},

"avantorCsConvert": {

"value": "5.0"

}

}

}

],

"itemFulfillmentInternalId": "3931799"

}

]

With update function adding of fields

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{

"tranDate": "2023-12-27T21:00:00.000-08:00",

"createdDate": "2023-12-28T13:29:51.000-08:00",

"tranId": "IA2041",

"lastModifiedDate": "2024-02-22T22:32:09.000-08:00",

"subsidiary": {

"name": "Jillamy Packaging & Warehouse"

},

"account": {

"name": "5100 Cost of Goods Sold : Inventory Adjustment"

},

"customForm": {

"name": "Jillamy, Inc. - Inventory Adjustment"

},

"estimatedTotalValue": "0.0",

"customer": {

"name": "BDP International, Inc (Avantor)"

},

"adjLocation": {

"name": "JPW - 200 River Rd Falls Township PA"

},

"inventoryList": {

"inventory": {

"item": {

"name": "inactive-10040-436"

},

"line": "1",

"inventoryDetail": {

"inventoryAssignmentList": {

"inventoryAssignment": {

"internalId": "2991836",

"issueInventoryNumber": {

"name": "231118055A"

},

"binNumber": {

"name": "A-1-001"

},

"quantity": "-5.0",

"expirationDate": "2026-11-17T21:00:00.000-08:00",

"quantityAvailable": "271.0",

"inventoryStatus": {

"name": "Good"

},

"customFieldList": {

"ms\_vpn": "VWRI10040-436"

}

}

}

},

"description": "VWR FILTER UNIT PES 75MM 0.2U 500ML CS12",

"location": {

"name": "JPW - 200 River Rd Falls Township PA"

},

"units": {

"name": "CS"

},

"quantityOnHand": "276.0",

"currentValue": "0.0",

"adjustQtyBy": "-5.0",

"newQuantity": "271.0",

"unitCost": "0.0"

}

},

"customFieldList": {

"StringCustomFieldRef\_\_custbody\_947\_vpn": {

"value": "98765"

},

"SelectCustomFieldRef\_\_custbody\_ms\_movement\_codes": {

"value": {

"name": "1600\_Cycle Count"

}

},

"SelectCustomFieldRef\_\_custbody\_system\_integration\_status": {

"value": {

"name": "Ready"

}

}

},

"inventoryAdjustmentInternalId": "3902094"

},

{

"tranDate": "2023-12-30T21:00:00.000-08:00",

"createdDate": "2024-01-02T08:23:54.000-08:00",

"tranId": "IA2042",

"lastModifiedDate": "2024-02-22T22:32:09.000-08:00",

"subsidiary": {

"name": "Jillamy Packaging & Warehouse"

},

"account": {

"name": "5100 Cost of Goods Sold : Inventory Adjustment"

},

"customForm": {

"name": "Jillamy, Inc. - Inventory Adjustment"

},

"estimatedTotalValue": "0.0",

"customer": {

"name": "BDP International, Inc (Avantor)"

},

"adjLocation": {

"name": "JPW - 200 River Rd Falls Township PA"

},

"inventoryList": {

"inventory": {

"item": {

"name": "inactive-10040-436"

},

"line": "1",

"inventoryDetail": {

"inventoryAssignmentList": {

"inventoryAssignment": {

"internalId": "2991858",

"receiptInventoryNumber": "55555555",

"binNumber": {

"name": "A-1-005"

},

"quantity": "100.0",

"expirationDate": "2027-12-31T21:00:00.000-08:00",

"inventoryStatus": {

"name": "Good"

},

"customFieldList": {

"ms\_vpn": "VWRI10040-436"

}

}

}

},

"description": "VWR FILTER UNIT PES 75MM 0.2U 500ML CS12",

"location": {

"name": "JPW - 200 River Rd Falls Township PA"

},

"units": {

"name": "CS"

},

"quantityOnHand": "271.0",

"currentValue": "0.0",

"adjustQtyBy": "100.0",

"newQuantity": "366.0",

"unitCost": "0.0",

"memo": "test line 1"

},

"inventory": {

"item": {

"name": "inactive-10040-436"

},

"line": "2",

"inventoryDetail": {

"inventoryAssignmentList": {

"inventoryAssignment": {

"internalId": "2995044",

"issueInventoryNumber": {

"name": "231118055A"

},

"binNumber": {

"name": "A-1-001"

},

"quantity": "-5.0",

"expirationDate": "2026-11-17T21:00:00.000-08:00",

"quantityAvailable": "271.0",

"inventoryStatus": {

"name": "Good"

},

"customFieldList": {

"ms\_vpn": "VWRI10040-436"

}

}

}

},

"description": "VWR FILTER UNIT PES 75MM 0.2U 500ML CS12",

"location": {

"name": "JPW - 200 River Rd Falls Township PA"

},

"units": {

"name": "CS"

},

"quantityOnHand": "271.0",

"currentValue": "0.0",

"adjustQtyBy": "-5.0",

"newQuantity": "366.0",

"unitCost": "0.0",

"memo": "test line 2"

}

},

"customFieldList": {

"StringCustomFieldRef\_\_custbody\_947\_vpn": {

"value": "98765"

},

"SelectCustomFieldRef\_\_custbody\_ms\_movement\_codes": {

"value": {

"name": "Cycle Count Adjustment"

}

},

"SelectCustomFieldRef\_\_custbody\_system\_integration\_status": {

"value": {

"name": "Ready"

}

}

},

"inventoryAdjustmentInternalId": "3925897"

},

{

"tranDate": "2024-02-07T21:00:00.000-08:00",

"createdDate": "2024-02-08T06:23:08.000-08:00",

"tranId": "IA2046",

"lastModifiedDate": "2024-02-22T22:32:10.000-08:00",

"subsidiary": {

"name": "Jillamy Packaging & Warehouse"

},

"account": {

"name": "5100 Cost of Goods Sold : Inventory Adjustment"

},

"customForm": {

"name": "Jillamy, Inc. - Inventory Adjustment"

},

"estimatedTotalValue": "0.0",

"customer": {

"name": "BDP International, Inc (Avantor)"

},

"adjLocation": {

"name": "JPW - 200 River Rd Falls Township PA"

},

"inventoryList": {

"inventory": {

"item": {

"name": "414004-506"

},

"line": "1",

"inventoryDetail": {

"inventoryAssignmentList": {

"inventoryAssignment": {

"internalId": "2995038",

"receiptInventoryNumber": "TESTA",

"binNumber": {

"name": "A-1-005"

},

"quantity": "1000.0",

"inventoryStatus": {

"name": "Good"

},

"customFieldList": {

"ms\_vpn": "VWRI414004-506"

}

}

}

},

"description": "VWR BEARD COVER IRR UNI CS 1000",

"location": {

"name": "JPW - 200 River Rd Falls Township PA"

},

"units": {

"name": "CS"

},

"quantityOnHand": "40.0",

"currentValue": "0.0",

"adjustQtyBy": "1000.0",

"newQuantity": "1040.0",

"unitCost": "0.0"

}

},

"customFieldList": {

"StringCustomFieldRef\_\_custbody\_947\_vpn": {

"value": "VWRI414004-506"

},

"SelectCustomFieldRef\_\_custbody\_ms\_movement\_codes": {

"value": {

"name": "1600\_Cycle Count"

}

},

"SelectCustomFieldRef\_\_custbody\_system\_integration\_status": {

"value": {

"name": "Ready"

}

}

},

"inventoryAdjustmentInternalId": "4108066"

}

]

Dataweave expression

%dw 2.0

output application/json

import \* from dw::core::Strings

---

payload map ((item, index) -> item update {

case .customFieldList -> $ update {

case .SelectCustomFieldRef\_\_custbody\_ms\_movement\_codes -> $ update {

case value at .value -> value update {

case .name -> substringBefore(value.name, "\_") as Number default value.name

}

}

}

case .inventoryList.\*inventory -> ($ update {

case .inventoryDetail.inventoryAssignmentList.\*inventoryAssignment -> ($ update {

case .binNumber -> $.name

} ++ "lotNumber"

: $.issueInventoryNumber.name default $.receiptInventoryNumber

)

}

) ++ {

"reasonCode":

if (sum($.inventoryDetail.\*inventoryAssignmentList.inventoryAssignment.quantity) < 0)

"53"

else

"03"

}

}

)

Output

[

{

"tranDate": "2023-12-27T21:00:00.000-08:00",

"createdDate": "2023-12-28T13:29:51.000-08:00",

"tranId": "IA2041",

"lastModifiedDate": "2024-02-22T22:32:09.000-08:00",

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"name": "Jillamy Packaging & Warehouse"

},

"account": {

"name": "5100 Cost of Goods Sold : Inventory Adjustment"

},

"customForm": {

"name": "Jillamy, Inc. - Inventory Adjustment"

},

"estimatedTotalValue": "0.0",

"customer": {

"name": "BDP International, Inc (Avantor)"

},

"adjLocation": {

"name": "JPW - 200 River Rd Falls Township PA"

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"inventoryList": {

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"item": {

"name": "inactive-10040-436"

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"line": "1",

"inventoryDetail": {

"inventoryAssignmentList": {

"inventoryAssignment": {

"internalId": "2991836",

"issueInventoryNumber": {

"name": "231118055A"

},

"binNumber": "A-1-001",

"quantity": "-5.0",

"expirationDate": "2026-11-17T21:00:00.000-08:00",

"quantityAvailable": "271.0",

"inventoryStatus": {

"name": "Good"

},

"customFieldList": {

"ms\_vpn": "VWRI10040-436"

},

"lotNumber": "231118055A"

}

}

},

"description": "VWR FILTER UNIT PES 75MM 0.2U 500ML CS12",

"location": {

"name": "JPW - 200 River Rd Falls Township PA"

},

"units": {

"name": "CS"

},

"quantityOnHand": "276.0",

"currentValue": "0.0",

"adjustQtyBy": "-5.0",

"newQuantity": "271.0",

"unitCost": "0.0",

"reasonCode": "53"

}

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},

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"value": {

"name": 1600

}

},

"SelectCustomFieldRef\_\_custbody\_system\_integration\_status": {

"value": {

"name": "Ready"

}

}

},

"inventoryAdjustmentInternalId": "3902094"

},

{

"tranDate": "2023-12-30T21:00:00.000-08:00",

"createdDate": "2024-01-02T08:23:54.000-08:00",

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"name": "Jillamy Packaging & Warehouse"

},

"account": {

"name": "5100 Cost of Goods Sold : Inventory Adjustment"

},

"customForm": {

"name": "Jillamy, Inc. - Inventory Adjustment"

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"name": "BDP International, Inc (Avantor)"

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"adjLocation": {

"name": "JPW - 200 River Rd Falls Township PA"

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"inventoryAssignmentList": {

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"internalId": "2991858",

"receiptInventoryNumber": "55555555",

"binNumber": "A-1-005",

"quantity": "100.0",

"expirationDate": "2027-12-31T21:00:00.000-08:00",

"inventoryStatus": {

"name": "Good"

},

"customFieldList": {

"ms\_vpn": "VWRI10040-436"

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"lotNumber": "55555555"

}

}

},

"description": "VWR FILTER UNIT PES 75MM 0.2U 500ML CS12",

"location": {

"name": "JPW - 200 River Rd Falls Township PA"

},

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"name": "CS"

},

"quantityOnHand": "271.0",

"currentValue": "0.0",

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"unitCost": "0.0",

"memo": "test line 1",

"reasonCode": "03"

},

"inventory": {

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},

"line": "2",

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"inventoryAssignment": {

"internalId": "2995044",

"issueInventoryNumber": {

"name": "231118055A"

},

"binNumber": "A-1-001",

"quantity": "-5.0",

"expirationDate": "2026-11-17T21:00:00.000-08:00",

"quantityAvailable": "271.0",

"inventoryStatus": {

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"lotNumber": "231118055A"

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},

"description": "VWR FILTER UNIT PES 75MM 0.2U 500ML CS12",

"location": {

"name": "JPW - 200 River Rd Falls Township PA"

},

"units": {

"name": "CS"

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"adjustQtyBy": "-5.0",

"newQuantity": "366.0",

"unitCost": "0.0",

"memo": "test line 2",

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"value": "98765"

},

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"value": {

"name": "Cycle Count Adjustment"

}

},

"SelectCustomFieldRef\_\_custbody\_system\_integration\_status": {

"value": {

"name": "Ready"

}

}

},

"inventoryAdjustmentInternalId": "3925897"

},

{

"tranDate": "2024-02-07T21:00:00.000-08:00",

"createdDate": "2024-02-08T06:23:08.000-08:00",

"tranId": "IA2046",

"lastModifiedDate": "2024-02-22T22:32:10.000-08:00",

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"name": "Jillamy Packaging & Warehouse"

},

"account": {

"name": "5100 Cost of Goods Sold : Inventory Adjustment"

},

"customForm": {

"name": "Jillamy, Inc. - Inventory Adjustment"

},

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},

"adjLocation": {

"name": "JPW - 200 River Rd Falls Township PA"

},

"inventoryList": {

"inventory": {

"item": {

"name": "414004-506"

},

"line": "1",

"inventoryDetail": {

"inventoryAssignmentList": {

"inventoryAssignment": {

"internalId": "2995038",

"receiptInventoryNumber": "TESTA",

"binNumber": "A-1-005",

"quantity": "1000.0",

"inventoryStatus": {

"name": "Good"

},

"customFieldList": {

"ms\_vpn": "VWRI414004-506"

},

"lotNumber": "TESTA"

}

}

},

"description": "VWR BEARD COVER IRR UNI CS 1000",

"location": {

"name": "JPW - 200 River Rd Falls Township PA"

},

"units": {

"name": "CS"

},

"quantityOnHand": "40.0",

"currentValue": "0.0",

"adjustQtyBy": "1000.0",

"newQuantity": "1040.0",

"unitCost": "0.0",

"reasonCode": "03"

}

},

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"value": "VWRI414004-506"

},

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"value": {

"name": 1600

}

},

"SelectCustomFieldRef\_\_custbody\_system\_integration\_status": {

"value": {

"name": "Ready"

}

}

},

"inventoryAdjustmentInternalId": "4108066"

}

]

Add extra fields in the existing json

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[

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"tranDate": "2023-12-27T21:00:00.000-08:00",

"createdDate": "2023-12-28T13:29:51.000-08:00",

"tranId": "IA2041",

"lastModifiedDate": "2024-02-22T22:32:09.000-08:00",

"subsidiary": {

"name": "Jillamy Packaging & Warehouse"

},

"account": {

"name": "5100 Cost of Goods Sold : Inventory Adjustment"

},

"customForm": {

"name": "Jillamy, Inc. - Inventory Adjustment"

},

"estimatedTotalValue": "0.0",

"customer": {

"name": "BDP International, Inc (Avantor)"

},

"adjLocation": {

"name": "JPW - 200 River Rd Falls Township PA"

},

"inventoryList": {

"inventory": {

"item": {

"name": "inactive-10040-436"

},

"line": "1",

"inventoryDetail": {

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"inventoryAssignment": {

"internalId": "2991836",

"issueInventoryNumber": {

"name": "231118055A"

},

"binNumber": {

"name": "A-1-001"

},

"quantity": "-5.0",

"expirationDate": "2026-11-17T21:00:00.000-08:00",

"quantityAvailable": "271.0",

"inventoryStatus": {

"name": "Good"

},

"customFieldList": {

"ms\_vpn": "VWRI10040-436"

}

}

}

},

"description": "VWR FILTER UNIT PES 75MM 0.2U 500ML CS12",

"location": {

"name": "JPW - 200 River Rd Falls Township PA"

},

"units": {

"name": "CS"

},

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"currentValue": "0.0",

"adjustQtyBy": "-5.0",

"newQuantity": "271.0",

"unitCost": "0.0"

}

},

"customFieldList": {

"StringCustomFieldRef\_\_custbody\_947\_vpn": {

"value": "98765"

},

"SelectCustomFieldRef\_\_custbody\_ms\_movement\_codes": {

"value": {

"name": "1600\_Cycle Count"

}

},

"SelectCustomFieldRef\_\_custbody\_system\_integration\_status": {

"value": {

"name": "Ready"

}

}

},

"inventoryAdjustmentInternalId": "3902094"

},

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"tranDate": "2023-12-30T21:00:00.000-08:00",

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"tranId": "IA2042",

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"name": "Jillamy Packaging & Warehouse"

},

"account": {

"name": "5100 Cost of Goods Sold : Inventory Adjustment"

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"customForm": {

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},

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"name": "inactive-10040-436"

},

"line": "1",

"inventoryDetail": {

"inventoryAssignmentList": {

"inventoryAssignment": {

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"receiptInventoryNumber": "55555555",

"binNumber": {

"name": "A-1-005"

},

"quantity": "100.0",

"expirationDate": "2027-12-31T21:00:00.000-08:00",

"inventoryStatus": {

"name": "Good"

},

"customFieldList": {

"ms\_vpn": "VWRI10040-436"

}

}

}

},

"description": "VWR FILTER UNIT PES 75MM 0.2U 500ML CS12",

"location": {

"name": "JPW - 200 River Rd Falls Township PA"

},

"units": {

"name": "CS"

},

"quantityOnHand": "271.0",

"currentValue": "0.0",

"adjustQtyBy": "100.0",

"newQuantity": "366.0",

"unitCost": "0.0",

"memo": "test line 1"

},

"inventory": {

"item": {

"name": "inactive-10040-436"

},

"line": "2",

"inventoryDetail": {

"inventoryAssignmentList": {

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"internalId": "2995044",

"issueInventoryNumber": {

"name": "231118055A"

},

"binNumber": {

"name": "A-1-001"

},

"quantity": "-5.0",

"expirationDate": "2026-11-17T21:00:00.000-08:00",

"quantityAvailable": "271.0",

"inventoryStatus": {

"name": "Good"

},

"customFieldList": {

"ms\_vpn": "VWRI10040-436"

}

}

}

},

"description": "VWR FILTER UNIT PES 75MM 0.2U 500ML CS12",

"location": {

"name": "JPW - 200 River Rd Falls Township PA"

},

"units": {

"name": "CS"

},

"quantityOnHand": "271.0",

"currentValue": "0.0",

"adjustQtyBy": "-5.0",

"newQuantity": "366.0",

"unitCost": "0.0",

"memo": "test line 2"

}

},

"customFieldList": {

"StringCustomFieldRef\_\_custbody\_947\_vpn": {

"value": "98765"

},

"SelectCustomFieldRef\_\_custbody\_ms\_movement\_codes": {

"value": {

"name": "Cycle Count Adjustment"

}

},

"SelectCustomFieldRef\_\_custbody\_system\_integration\_status": {

"value": {

"name": "Ready"

}

}

},

"inventoryAdjustmentInternalId": "3925897"

},

{

"tranDate": "2024-02-07T21:00:00.000-08:00",

"createdDate": "2024-02-08T06:23:08.000-08:00",

"tranId": "IA2046",

"lastModifiedDate": "2024-02-22T22:32:10.000-08:00",

"subsidiary": {

"name": "Jillamy Packaging & Warehouse"

},

"account": {

"name": "5100 Cost of Goods Sold : Inventory Adjustment"

},

"customForm": {

"name": "Jillamy, Inc. - Inventory Adjustment"

},

"estimatedTotalValue": "0.0",

"customer": {

"name": "BDP International, Inc (Avantor)"

},

"adjLocation": {

"name": "JPW - 200 River Rd Falls Township PA"

},

"inventoryList": {

"inventory": {

"item": {

"name": "414004-506"

},

"line": "1",

"inventoryDetail": {

"inventoryAssignmentList": {

"inventoryAssignment": {

"internalId": "2995038",

"receiptInventoryNumber": "TESTA",

"binNumber": {

"name": "A-1-005"

},

"quantity": "1000.0",

"inventoryStatus": {

"name": "Good"

},

"customFieldList": {

"ms\_vpn": "VWRI414004-506"

}

}

}

},

"description": "VWR BEARD COVER IRR UNI CS 1000",

"location": {

"name": "JPW - 200 River Rd Falls Township PA"

},

"units": {

"name": "CS"

},

"quantityOnHand": "40.0",

"currentValue": "0.0",

"adjustQtyBy": "1000.0",

"newQuantity": "1040.0",

"unitCost": "0.0"

}

},

"customFieldList": {

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},

"SelectCustomFieldRef\_\_custbody\_ms\_movement\_codes": {

"value": {

"name": "1600\_Cycle Count"

}

},

"SelectCustomFieldRef\_\_custbody\_system\_integration\_status": {

"value": {

"name": "Ready"

}

}

},

"inventoryAdjustmentInternalId": "4108066"

}

]

Dataweave expression

%dw 2.0

output application/json

import \* from dw::core::Strings

---

payload map ((item, index) ->

item update {

case .inventoryList.\*inventory.inventoryDetail.inventoryAssignmentList.\*inventoryAssignment -> $ ++ {

"custom": {

"ms\_vpn": "VWRI414004-506"

}

} ++ "lotNumber": $.issueInventoryNumber.name default $.receiptInventoryNumber

case .customFieldList -> $ update {

case .SelectCustomFieldRef\_\_custbody\_ms\_movement\_codes -> {

"test": substringBefore($.value.name, "\_") as Number default $.value.name }

}

})

Output

[

{

"tranDate": "2023-12-27T21:00:00.000-08:00",

"createdDate": "2023-12-28T13:29:51.000-08:00",

"tranId": "IA2041",

"lastModifiedDate": "2024-02-22T22:32:09.000-08:00",

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"name": "Jillamy Packaging & Warehouse"

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"account": {

"name": "5100 Cost of Goods Sold : Inventory Adjustment"

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"adjLocation": {

"name": "JPW - 200 River Rd Falls Township PA"

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},

"line": "1",

"inventoryDetail": {

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"internalId": "2991836",

"issueInventoryNumber": {

"name": "231118055A"

},

"binNumber": {

"name": "A-1-001"

},

"quantity": "-5.0",

"expirationDate": "2026-11-17T21:00:00.000-08:00",

"quantityAvailable": "271.0",

"inventoryStatus": {

"name": "Good"

},

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"custom": {

"ms\_vpn": "VWRI414004-506"

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"lotNumber": "231118055A"

}

}

},

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"name": "JPW - 200 River Rd Falls Township PA"

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"quantityOnHand": "276.0",

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"newQuantity": "271.0",

"unitCost": "0.0"

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"customFieldList": {

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"value": "98765"

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"SelectCustomFieldRef\_\_custbody\_ms\_movement\_codes": {

"test": 1600

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"SelectCustomFieldRef\_\_custbody\_system\_integration\_status": {

"value": {

"name": "Ready"

}

}

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"inventoryAdjustmentInternalId": "3902094"

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{

"tranDate": "2023-12-30T21:00:00.000-08:00",

"createdDate": "2024-01-02T08:23:54.000-08:00",

"tranId": "IA2042",

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"name": "Jillamy Packaging & Warehouse"

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"name": "5100 Cost of Goods Sold : Inventory Adjustment"

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"name": "JPW - 200 River Rd Falls Township PA"

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"receiptInventoryNumber": "55555555",

"binNumber": {

"name": "A-1-005"

},

"quantity": "100.0",

"expirationDate": "2027-12-31T21:00:00.000-08:00",

"inventoryStatus": {

"name": "Good"

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"customFieldList": {

"ms\_vpn": "VWRI10040-436"

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"custom": {

"ms\_vpn": "VWRI414004-506"

},

"lotNumber": "55555555"

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"description": "VWR FILTER UNIT PES 75MM 0.2U 500ML CS12",

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"name": "JPW - 200 River Rd Falls Township PA"

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"name": "CS"

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"newQuantity": "366.0",

"unitCost": "0.0",

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"item": {

"name": "inactive-10040-436"

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"line": "2",

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"issueInventoryNumber": {

"name": "231118055A"

},

"binNumber": {

"name": "A-1-001"

},

"quantity": "-5.0",

"expirationDate": "2026-11-17T21:00:00.000-08:00",

"quantityAvailable": "271.0",

"inventoryStatus": {

"name": "Good"

},

"customFieldList": {

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"custom": {

"ms\_vpn": "VWRI414004-506"

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"lotNumber": "231118055A"

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"description": "VWR FILTER UNIT PES 75MM 0.2U 500ML CS12",

"location": {

"name": "JPW - 200 River Rd Falls Township PA"

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"units": {

"name": "CS"

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"quantityOnHand": "271.0",

"currentValue": "0.0",

"adjustQtyBy": "-5.0",

"newQuantity": "366.0",

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"memo": "test line 2"

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"customFieldList": {

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"test": "Cycle Count Adjustment"

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"SelectCustomFieldRef\_\_custbody\_system\_integration\_status": {

"value": {

"name": "Ready"

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"createdDate": "2024-02-08T06:23:08.000-08:00",

"tranId": "IA2046",

"lastModifiedDate": "2024-02-22T22:32:10.000-08:00",

"subsidiary": {

"name": "Jillamy Packaging & Warehouse"

},

"account": {

"name": "5100 Cost of Goods Sold : Inventory Adjustment"

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"customForm": {

"name": "Jillamy, Inc. - Inventory Adjustment"

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"estimatedTotalValue": "0.0",

"customer": {

"name": "BDP International, Inc (Avantor)"

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"adjLocation": {

"name": "JPW - 200 River Rd Falls Township PA"

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"inventoryList": {

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"item": {

"name": "414004-506"

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"inventoryAssignment": {

"internalId": "2995038",

"receiptInventoryNumber": "TESTA",

"binNumber": {

"name": "A-1-005"

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"quantity": "1000.0",

"inventoryStatus": {

"name": "Good"

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"customFieldList": {

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"custom": {

"ms\_vpn": "VWRI414004-506"

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"location": {

"name": "JPW - 200 River Rd Falls Township PA"

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"units": {

"name": "CS"

},

"quantityOnHand": "40.0",

"currentValue": "0.0",

"adjustQtyBy": "1000.0",

"newQuantity": "1040.0",

"unitCost": "0.0"

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"customFieldList": {

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"value": "VWRI414004-506"

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"test": 1600

},

"SelectCustomFieldRef\_\_custbody\_system\_integration\_status": {

"value": {

"name": "Ready"

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"inventoryAdjustmentInternalId": "4108066"

}

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Dataweave link

<https://docs.mulesoft.com/dataweave/latest/dw-strings-functions-substring>

partnerManager automation link

[Partner Manager v2 Partners API (mulesoft.com)](https://anypoint.mulesoft.com/exchange/portals/anypoint-platform/f1e97bc6-315a-4490-82a7-23abe036327a.anypoint-platform/partner-manager-v2-partners-api/minor/1.0/pages/home/)

Dataweave with update function

Input

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"lastModifiedDate": "2024-03-01T01:11:46.000-08:00",

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"entity": {

"name": "Manildra"

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"createdFrom": {

"name": "Sales Order #SO918"

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"createdFromShipGroup": "1",

"shippingAddress": {

"country": "\_canada",

"addressee": "CANADA BREAD CO. LTD",

"addr1": "BOULANGERIE CANADA BREAD LIMITEE",

"addr2": "745 NEBO RD",

"city": "HANNON",

"state": "ON",

"zip": "L0R 1P0",

"addrText": "CANADA BREAD CO. LTD\nBOULANGERIE CANADA BREAD LIMITEE\n745 NEBO RD \nHANNON ON L0R 1P0\nCanada",

"override": "false"

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"shipIsResidential": "false",

"shipAddressList": {

"name": "BOULANGERIE CANADA BREAD LIMITEE"

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"shipStatus": "\_shipped",

"tranDate": "2022-06-02T21:00:00.000-07:00",

"tranId": "IF934",

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"name": "XPO Logistics"

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"packageWeight": "1000.0",

"packageDescr": "185517"

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"value": "false"

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"value": {

"name": "Ready"

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"value": {

"name": "SPS"

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"value": "tl#4632239"

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"DoubleCustomFieldRef\_\_custbody\_jil\_total\_qty\_auto": {

"value": "20.0"

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"DoubleCustomFieldRef\_\_custbody\_bol\_fullfilment\_weight": {

"value": "1000.0"

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"value": "false"

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"value": "185721"

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"itemList": [

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"itemReceive": "true",

"itemName": "ST-AFBGMB",

"description": "FIBERGEM - 50LB",

"location": {

"name": "JPW - 696/700/750/790 Jacksonville Rd, PA PP:Tony,Da"

},

"onHand": "0.0",

"quantity": "20.0",

"unitsDisplay": "BG",

"inventoryDetail": {

"inventoryAssignmentList": {

"inventoryAssignment": {

"internalId": "119908",

"issueInventoryNumber": {

"name": "11/01/21"

},

"binNumber": {

"name": "JK-007"

},

"quantity": "20.0",

"quantityAvailable": "20.0",

"inventoryStatus": {

"name": "Good"

}

}

}

},

"item": {

"name": "ST-AFBGMB"

},

"orderLine": "1",

"quantityRemaining": "20.0",

"customFieldList": {

"SelectCustomFieldRef\_\_custcol\_freight\_class": {

"value": {

"name": "65"

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},

"StringCustomFieldRef\_\_custcol\_item\_display\_name": {

"value": "FIBERGEM - 50LB"

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"DoubleCustomFieldRef\_\_custcol\_piece\_weight": {

"value": "50.0"

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"DoubleCustomFieldRef\_\_custcol\_line\_weight": {

"value": "0.0"

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"DoubleCustomFieldRef\_\_custcol\_if\_bol\_col\_weight": {

"value": "1000.0"

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"DoubleCustomFieldRef\_\_custcol\_if\_bol\_col\_weight\_item": {

"value": "50.0"

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"value": "lb"

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"entity": {

"name": "Manildra"

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"name": "Sales Order #SO956"

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"createdFromShipGroup": "1",

"shippingAddress": {

"country": "\_unitedStates",

"attention": "NESTLE USA - PIZZA",

"addressee": "US PL LITTLE CHUTE",

"addr1": "401 W NORTH AVENUE",

"addr2": "OUTAGAMIE",

"city": "LITTLE CHUTE",

"state": "WI",

"zip": "54140",

"addrText": "NESTLE USA - PIZZA\nUS PL LITTLE CHUTE\n401 W NORTH AVENUE\nOUTAGAMIE\nLITTLE CHUTE WI 54140\nUnited States",

"override": "false"

},

"shipIsResidential": "false",

"shipAddressList": {

"name": "NESTLE - LITTLE CHUTE"

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"shipStatus": "\_shipped",

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"tranId": "IF982",

"shipMethod": {

"name": "Customer Pick-Up"

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"shippingCost": "0.0",

"packageList": {

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"packageWeight": "41664.0",

"packageDescr": "195640"

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"customFieldList": {

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"value": "2244437"

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"StringCustomFieldRef\_\_custbody\_bol\_total\_item\_weight": {

"value": "41664 lb"

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"DoubleCustomFieldRef\_\_custbody\_jil\_total\_weight\_auto": {

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"value": "SalesOrd"

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"value": "false"

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"BooleanCustomFieldRef\_\_custbody\_ms\_shipment\_complete": {

"value": "false"

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"name": "Ready"

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"value": "185962"

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"value": {

"name": "SPS"

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"StringCustomFieldRef\_\_custbody\_if\_bol\_notes": {

"value": "TR#UL53867\nSITE# 0100937131 BOMADERRY"

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"DoubleCustomFieldRef\_\_custbody\_jil\_total\_qty\_auto": {

"value": "21.0"

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"DoubleCustomFieldRef\_\_custbody\_bol\_fullfilment\_weight": {

"value": "41664.0"

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"BooleanCustomFieldRef\_\_custbodychep\_pallets": {

"value": "false"

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"StringCustomFieldRef\_\_custbody\_created\_from\_order": {

"value": "185962"

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"itemList": [

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"itemReceive": "true",

"itemName": "GL-AUST",

"description": "WHEAT GLUTEN TOTE - 900KG",

"location": {

"name": "JPW - 696/700/750/790 Jacksonville Rd, PA PP:Tony,Da"

},

"onHand": "0.0",

"quantity": "21.0",

"unitsDisplay": "TT",

"inventoryDetail": {

"inventoryAssignmentList": {

"inventoryAssignment": {

"internalId": "126090",

"issueInventoryNumber": {

"name": "11/11/21"

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"binNumber": {

"name": "JK-007"

},

"quantity": "1.0",

"quantityAvailable": "1.0",

"inventoryStatus": {

"name": "Good"

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"inventoryAssignment": {

"internalId": "126091",

"issueInventoryNumber": {

"name": "02/26/22"

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"binNumber": {

"name": "JK-007"

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"quantity": "10.0",

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"name": "Good"

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}

},

"item": {

"name": "GL-AUST"

},

"orderLine": "1",

"quantityRemaining": "21.0",

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"value": {

"name": "65"

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"value": "02/26/22-20, 11/11/21-1"

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"StringCustomFieldRef\_\_custcol\_item\_display\_name": {

"value": "WHEAT GLUTEN TOTE - 900KG"

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"DoubleCustomFieldRef\_\_custcol\_piece\_weight": {

"value": "1984.0"

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"DoubleCustomFieldRef\_\_custcol\_line\_weight": {

"value": "0.0"

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"DoubleCustomFieldRef\_\_custcol\_if\_bol\_col\_weight": {

"value": "41664.0"

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"DoubleCustomFieldRef\_\_custcol\_if\_bol\_col\_weight\_item": {

"value": "1984.0"

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"StringCustomFieldRef\_\_custcol\_bol\_weight\_units\_show": {

"value": "lb"

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"StringCustomFieldRef\_\_custcol\_line\_seq": {

"value": "1"

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"itemFulfillmentInternalId": "195640"

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{

"createdDate": "2024-01-03T12:48:58.000-08:00",

"lastModifiedDate": "2024-03-01T01:11:44.000-08:00",

"customForm": {

"name": "Jillamy, Inc. - Item Fulfillment Form"

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"entity": {

"name": "BDP International, Inc (Avantor)"

},

"createdFrom": {

"name": "Sales Order #SO29562"

},

"createdFromShipGroup": "1",

"shippingAddress": {

"country": "\_unitedStates",

"addressee": "BDP International, Inc",

"addr1": "510 Walnut Street",

"addr2": "Accounting Dept. 3rd Floor",

"city": "Philadelphia",

"state": "PA",

"zip": "19106",

"addrText": "BDP International, Inc\n510 Walnut Street\nAccounting Dept. 3rd Floor\nPhiladelphia PA 19106\nUnited States",

"override": "false"

},

"shipIsResidential": "false",

"shipAddressList": {

"name": "510 Walnut Street"

},

"shipStatus": "\_shipped",

"tranDate": "2024-01-02T21:00:00.000-08:00",

"tranId": "IF29208",

"shipMethod": {

"name": "Jillamy Transportation Inc."

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"shippingCost": "0.0",

"packageList": {

"package": {

"packageWeight": "40.5",

"packageDescr": "3931799"

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},

"customFieldList": {

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"value": {

"name": "Sent"

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"LongCustomFieldRef\_\_custbody\_sps\_trans\_carton\_ct": {

"value": "1"

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"StringCustomFieldRef\_\_custbody\_bol\_seal\_number": {

"value": "seal13a"

},

"StringCustomFieldRef\_\_custbody\_jil\_cust\_po\_num": {

"value": "7021177276A"

},

"StringCustomFieldRef\_\_custbody\_bol\_total\_item\_weight": {

"value": "40.5 lb"

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"DoubleCustomFieldRef\_\_custbody\_jil\_total\_weight\_auto": {

"value": "40.5"

},

"StringCustomFieldRef\_\_custbody\_ms\_total\_shipping\_units": {

"value": "5"

},

"StringCustomFieldRef\_\_custbody\_created\_from\_transaction": {

"value": "O29562"

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"DateCustomFieldRef\_\_custbody\_jil\_delivery\_time": {

"value": "1970-01-01T00:00:00.000-08:00"

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"DoubleCustomFieldRef\_\_custbody\_total\_fulfillment\_weight": {

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"value": {

"name": "Sent"

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"StringCustomFieldRef\_\_custbody\_jil\_trackingnumber": {

"value": "tracking13a"

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"StringCustomFieldRef\_\_custbody\_wmsse\_transactiontype": {

"value": "SalesOrd"

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"value": "1"

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"LongCustomFieldRef\_\_custbody\_total\_pallets\_shipped": {

"value": "1"

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"value": "false"

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"BooleanCustomFieldRef\_\_custbody\_sps\_package\_validation\_bypass": {

"value": "false"

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"BooleanCustomFieldRef\_\_custbody\_ms\_shipment\_complete": {

"value": "true"

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"DateCustomFieldRef\_\_custbody\_jil\_delivery\_date": {

"value": "2024-01-15T21:00:00.000-08:00"

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"SelectCustomFieldRef\_\_custbody\_system\_integration\_status": {

"value": {

"name": "Ready"

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"StringCustomFieldRef\_\_custbody\_sps\_ponum\_from\_salesorder": {

"value": "4516373647A"

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"SelectCustomFieldRef\_\_custbody\_sps\_package\_data\_source": {

"value": {

"name": "SPS"

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},

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},

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"value": "5.0"

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"DoubleCustomFieldRef\_\_custbody\_bol\_fullfilment\_weight": {

"value": "40.5"

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"BooleanCustomFieldRef\_\_custbodychep\_pallets": {

"value": "false"

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"StringCustomFieldRef\_\_custbody\_bol\_trailer\_number": {

"value": "trailer13a"

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"StringCustomFieldRef\_\_custbody\_created\_from\_order": {

"value": "4516373647A"

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"DoubleCustomFieldRef\_\_custbody\_edi\_estimatedpalletqty": {

"value": "1.0"

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},

"itemList": [

{

"itemReceive": "true",

"itemName": "inactive-10040-436",

"description": "VWR FILTER UNIT PES 75MM 0.2U 500ML CS12",

"location": {

"name": "JPW - 200 River Rd Falls Township PA"

},

"onHand": "361.0",

"quantity": "5.0",

"unitsDisplay": "CS",

"inventoryDetail": {

"inventoryAssignmentList": {

"inventoryAssignment": {

"internalId": "2992103",

"issueInventoryNumber": {

"name": "55555555"

},

"binNumber": {

"name": "A-1-005"

},

"quantity": "5.0",

"expirationDate": "2027-12-31T21:00:00.000-08:00",

"quantityAvailable": "100.0",

"inventoryStatus": {

"name": "Good"

}

}

}

},

"item": {

"name": "inactive-10040-436"

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"orderLine": "1",

"quantityRemaining": "5.0",

"customFieldList": {

"DoubleCustomFieldRef\_\_custcol\_piece\_weight": {

"value": "8.1"

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"value": "40.5"

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"DoubleCustomFieldRef\_\_custcol\_bol\_roll\_width": {

"value": "15.4"

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"DoubleCustomFieldRef\_\_custcol\_if\_bol\_col\_weight": {

"value": "40.5"

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"DoubleCustomFieldRef\_\_custcol\_if\_bol\_col\_weight\_item": {

"value": "8.1"

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"DoubleCustomFieldRef\_\_custcol\_bol\_qty\_handling\_unit": {

"value": "5.0"

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"StringCustomFieldRef\_\_custcol\_bol\_weight\_units\_show": {

"value": "lb"

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"DoubleCustomFieldRef\_\_custcol\_sps\_qtypacked": {

"value": "5.0"

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"LongCustomFieldRef\_\_custcol\_chr\_line\_unique\_key": {

"value": "5559363"

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"DoubleCustomFieldRef\_\_custcol\_qty\_lvl\_1": {

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"DoubleCustomFieldRef\_\_custcol\_qty\_lvl\_2": {

"value": "1.0"

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"DoubleCustomFieldRef\_\_custcol\_qty\_lvl\_3": {

"value": "1.0"

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"StringCustomFieldRef\_\_custcol\_line\_seq": {

"value": "1"

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"StringCustomFieldRef\_\_custcol\_ms\_vpn": {

"value": "98765"

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"DoubleCustomFieldRef\_\_custcol\_avantor\_cs\_convert": {

"value": "5.0"

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],

"itemFulfillmentInternalId": "3931799"

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"createdDate": "2024-02-26T13:39:01.000-08:00",

"lastModifiedDate": "2024-03-01T01:11:47.000-08:00",

"customForm": {

"name": "Jillamy, Inc. - Item Fulfillment Form"

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"entity": {

"name": "BDP International, Inc (Avantor)"

},

"createdFrom": {

"name": "Sales Order #SO29625"

},

"createdFromShipGroup": "1",

"shippingAddress": {

"country": "\_unitedStates",

"addressee": "Batavia Distribution Center",

"addr1": "800 East Fabyan Parkway",

"city": "Batavia",

"state": "IL",

"zip": "60510",

"addrText": "Batavia Distribution Center\n800 East Fabyan Parkway\nBatavia IL 60510\nUnited States",

"override": "false"

},

"shipIsResidential": "false",

"shipStatus": "\_shipped",

"tranDate": "2024-02-25T21:00:00.000-08:00",

"tranId": "IF29264",

"packageList": {

"package": {

"packageWeight": "27.4"

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"customFieldList": {

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"value": {

"name": "Sent"

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"StringCustomFieldRef\_\_custbody\_sps\_vendor": {

"value": "5888"

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"StringCustomFieldRef\_\_custbody\_jil\_cust\_po\_num": {

"value": "4516300199"

},

"StringCustomFieldRef\_\_custbody\_bol\_total\_item\_weight": {

"value": "27.4 lb"

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"DoubleCustomFieldRef\_\_custbody\_jil\_total\_weight\_auto": {

"value": "27.4"

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"StringCustomFieldRef\_\_custbody\_sps\_foblocationqualifier": {

"value": "OR"

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"StringCustomFieldRef\_\_custbody\_ms\_total\_shipping\_units": {

"value": "2"

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"StringCustomFieldRef\_\_custbody\_created\_from\_transaction": {

"value": "O29625"

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"StringCustomFieldRef\_\_custbody\_sps\_st\_addresslocationnumber": {

"value": "VWR8013"

},

"DoubleCustomFieldRef\_\_custbody\_total\_fulfillment\_weight": {

"value": "27.4"

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"value": "false"

},

"StringCustomFieldRef\_\_custbody\_sps\_equipmentdescriptioncode": {

"value": "TL"

},

"StringCustomFieldRef\_\_custbody\_sps\_st\_locationcodequalifier": {

"value": "92"

},

"BooleanCustomFieldRef\_\_custbody\_sps\_package\_validation\_bypass": {

"value": "false"

},

"BooleanCustomFieldRef\_\_custbody\_ms\_shipment\_complete": {

"value": "true"

},

"SelectCustomFieldRef\_\_custbody\_system\_integration\_status": {

"value": {

"name": "Ready"

}

},

"StringCustomFieldRef\_\_custbody\_sps\_ponum\_from\_salesorder": {

"value": "7021031176"

},

"SelectCustomFieldRef\_\_custbody\_sps\_package\_data\_source": {

"value": {

"name": "SPS"

}

},

"SelectCustomFieldRef\_\_custbodyintegrationstatus": {

"value": {

"name": "Ready"

}

},

"DoubleCustomFieldRef\_\_custbody\_jil\_total\_qty\_auto": {

"value": "2.0"

},

"DoubleCustomFieldRef\_\_custbody\_bol\_fullfilment\_weight": {

"value": "27.4"

},

"BooleanCustomFieldRef\_\_custbodychep\_pallets": {

"value": "false"

},

"StringCustomFieldRef\_\_custbody\_created\_from\_order": {

"value": "7021031176"

}

},

"itemList": [

{

"itemReceive": "true",

"itemName": "89136-084",

"location": {

"name": "JPW - 200 River Rd Falls Township PA"

},

"onHand": "590.0",

"quantity": "2.0",

"unitsDisplay": "EA",

"inventoryDetail": {

"inventoryAssignmentList": {

"inventoryAssignment": {

"internalId": "2995275",

"issueInventoryNumber": {

"name": "abcdefg"

},

"binNumber": {

"name": "A-1-010"

},

"quantity": "2.0",

"expirationDate": "2026-12-30T21:00:00.000-08:00",

"quantityAvailable": "144.0",

"inventoryStatus": {

"name": "Good"

}

}

}

},

"item": {

"name": "89136-084"

},

"orderLine": "1",

"quantityRemaining": "2.0",

"customFieldList": {

"StringCustomFieldRef\_\_custcol\_ms\_order\_qty": {

"value": "2"

},

"BooleanCustomFieldRef\_\_custcol\_ms\_order\_qty\_status": {

"value": "false"

},

"StringCustomFieldRef\_\_custcol\_ms\_order\_num": {

"value": "4516300199"

},

"StringCustomFieldRef\_\_custcol\_ms\_order\_line\_seq": {

"value": "900004"

},

"StringCustomFieldRef\_\_custcol\_sps\_linesequencenumber": {

"value": "900004"

},

"StringCustomFieldRef\_\_custcol\_sps\_vendorpartnumber": {

"value": "89136-084"

},

"StringCustomFieldRef\_\_custcol\_sps\_orderqtyuom": {

"value": "EA"

},

"DoubleCustomFieldRef\_\_custcol\_piece\_weight": {

"value": "13.7"

},

"DoubleCustomFieldRef\_\_custcol\_line\_weight": {

"value": "27.4"

},

"DoubleCustomFieldRef\_\_custcol\_bol\_roll\_width": {

"value": "11.0"

},

"DoubleCustomFieldRef\_\_custcol\_if\_bol\_col\_weight": {

"value": "27.4"

},

"DoubleCustomFieldRef\_\_custcol\_if\_bol\_col\_weight\_item": {

"value": "13.7"

},

"DoubleCustomFieldRef\_\_custcol\_bol\_qty\_handling\_unit": {

"value": "2.0"

},

"StringCustomFieldRef\_\_custcol\_bol\_weight\_units\_show": {

"value": "lb"

},

"StringCustomFieldRef\_\_custcol\_bulk\_info": {

"value": "ABCDEFG"

},

"DoubleCustomFieldRef\_\_custcol\_qty\_lvl\_1": {

"value": "32.0"

},

"DoubleCustomFieldRef\_\_custcol\_qty\_lvl\_2": {

"value": "1.0"

},

"DoubleCustomFieldRef\_\_custcol\_qty\_lvl\_3": {

"value": "1.0"

},

"StringCustomFieldRef\_\_custcol\_line\_seq": {

"value": "1"

},

"StringCustomFieldRef\_\_custcol\_ms\_vpn": {

"value": "VWRI89136-084"

},

"DoubleCustomFieldRef\_\_custcol\_avantor\_cs\_convert": {

"value": "2.0"

},

"StringCustomFieldRef\_\_custcol\_ms\_internal\_id": {

"value": "ERROR: Field 'item.internalid' Not Found"

}

}

}

],

"itemFulfillmentInternalId": "4198190"

}

]

Dataweave expression

%dw 2.0

output application/json

---

payload filter ((item, index) -> item.tranId == "IF934") map ($ update {

case value at .itemList -> value map ((item1, index) -> item1 update {

case value1 at .item -> {

"name1": value1.name,

"id-tran": $.tranId

}

} )

})

output

[

{

"createdDate": "2022-06-03T06:22:21.000-07:00",

"lastModifiedDate": "2024-03-01T01:11:46.000-08:00",

"customForm": {

"name": "Jillamy, Inc. - Item Fulfillment Form"

},

"entity": {

"name": "Manildra"

},

"createdFrom": {

"name": "Sales Order #SO918"

},

"createdFromShipGroup": "1",

"shippingAddress": {

"country": "\_canada",

"addressee": "CANADA BREAD CO. LTD",

"addr1": "BOULANGERIE CANADA BREAD LIMITEE",

"addr2": "745 NEBO RD",

"city": "HANNON",

"state": "ON",

"zip": "L0R 1P0",

"addrText": "CANADA BREAD CO. LTD\nBOULANGERIE CANADA BREAD LIMITEE\n745 NEBO RD \nHANNON ON L0R 1P0\nCanada",

"override": "false"

},

"shipIsResidential": "false",

"shipAddressList": {

"name": "BOULANGERIE CANADA BREAD LIMITEE"

},

"shipStatus": "\_shipped",

"tranDate": "2022-06-02T21:00:00.000-07:00",

"tranId": "IF934",

"shipMethod": {

"name": "XPO Logistics"

},

"shippingCost": "0.0",

"packageList": {

"package": {

"packageWeight": "1000.0",

"packageDescr": "185517"

}

},

"customFieldList": {

"StringCustomFieldRef\_\_custbody\_bol\_total\_item\_weight": {

"value": "1000 lb"

},

"DoubleCustomFieldRef\_\_custbody\_jil\_total\_weight\_auto": {

"value": "0.0"

},

"StringCustomFieldRef\_\_custbody\_ms\_total\_shipping\_units": {

"value": "20"

},

"StringCustomFieldRef\_\_custbody\_created\_from\_transaction": {

"value": "#SO918"

},

"StringCustomFieldRef\_\_custbody\_wmsse\_transactiontype": {

"value": "SalesOrd"

},

"LongCustomFieldRef\_\_custbody\_total\_pallets\_shipped": {

"value": "1"

},

"BooleanCustomFieldRef\_\_custbody\_sps\_batched\_print\_com": {

"value": "false"

},

"BooleanCustomFieldRef\_\_custbody\_sps\_package\_validation\_bypass": {

"value": "false"

},

"BooleanCustomFieldRef\_\_custbody\_ms\_shipment\_complete": {

"value": "false"

},

"SelectCustomFieldRef\_\_custbody\_system\_integration\_status": {

"value": {

"name": "Ready"

}

},

"StringCustomFieldRef\_\_custbody\_sps\_ponum\_from\_salesorder": {

"value": "185721"

},

"SelectCustomFieldRef\_\_custbody\_sps\_package\_data\_source": {

"value": {

"name": "SPS"

}

},

"StringCustomFieldRef\_\_custbody\_if\_bol\_notes": {

"value": "tl#4632239"

},

"DoubleCustomFieldRef\_\_custbody\_jil\_total\_qty\_auto": {

"value": "20.0"

},

"DoubleCustomFieldRef\_\_custbody\_bol\_fullfilment\_weight": {

"value": "1000.0"

},

"BooleanCustomFieldRef\_\_custbodychep\_pallets": {

"value": "false"

},

"StringCustomFieldRef\_\_custbody\_created\_from\_order": {

"value": "185721"

}

},

"itemList": [

{

"itemReceive": "true",

"itemName": "ST-AFBGMB",

"description": "FIBERGEM - 50LB",

"location": {

"name": "JPW - 696/700/750/790 Jacksonville Rd, PA PP:Tony,Da"

},

"onHand": "0.0",

"quantity": "20.0",

"unitsDisplay": "BG",

"inventoryDetail": {

"inventoryAssignmentList": {

"inventoryAssignment": {

"internalId": "119908",

"issueInventoryNumber": {

"name": "11/01/21"

},

"binNumber": {

"name": "JK-007"

},

"quantity": "20.0",

"quantityAvailable": "20.0",

"inventoryStatus": {

"name": "Good"

}

}

}

},

"item": {

"name1": "ST-AFBGMB",

"id-tran": "IF934"

},

"orderLine": "1",

"quantityRemaining": "20.0",

"customFieldList": {

"SelectCustomFieldRef\_\_custcol\_freight\_class": {

"value": {

"name": "65"

}

},

"StringCustomFieldRef\_\_custcol\_item\_display\_name": {

"value": "FIBERGEM - 50LB"

},

"DoubleCustomFieldRef\_\_custcol\_piece\_weight": {

"value": "50.0"

},

"DoubleCustomFieldRef\_\_custcol\_line\_weight": {

"value": "0.0"

},

"DoubleCustomFieldRef\_\_custcol\_if\_bol\_col\_weight": {

"value": "1000.0"

},

"DoubleCustomFieldRef\_\_custcol\_if\_bol\_col\_weight\_item": {

"value": "50.0"

},

"StringCustomFieldRef\_\_custcol\_bol\_weight\_units\_show": {

"value": "lb"

},

"StringCustomFieldRef\_\_custcol\_line\_seq": {

"value": "1"

}

}

}

],

"itemFulfillmentInternalId": "185517"

}

]

How to form a salesforce select query by using of dataweave

%dw 2.0

output application/java

var filterResponse = []

// var filterResponse = payload filter ((item, index) -> item."Owning Customer" != null )

---

"select Id,Name from Account where Name IN ( '" ++((filterResponse."Owning Customer" default [] joinBy("','")))++ "')"

Filter with two arrays for multiple fields

[{

"id": "123",

"name": "sande",

"status": "1"

},

{

"id": "123",

"name": "sande",

"status": "2"

}]

Dataweave expression

------------------------’

%dw 2.0

output application/json

var a = [

{

"internal Id": "1",

"name": "Good"

},

{

"internal Id": "2",

"name": "Damaged"

},

{

"internal Id": "3",

"name": "QA"

},

{

"internal Id": "4",

"name": "HOLD For FEFO"

},

{

"internal Id": "5",

"name": "HOLD For DESTRUCTION"

}

]

---

payload map ((item, index) -> {

"ID": item.id,

"name": item.name,

"status":(a filter (item.status == $."internal Id" )).name[0]

})

Output

[

{

"ID": "123",

"name": "sande",

"status": "Good"

},

{

"ID": "123",

"name": "sande",

"status": "Damaged"

}

]

Input

[{

"id": "123",

"name": "sande",

"status": "1"

},

{

"id": "123",

"name": "sande",

"status": "2"

},

{

"id": "123",

"name": "sande",

"status": "300"

}]

Datawevae expression

%dw 2.0

output application/json skipNullOn = "every Where"

var a = [

{

"internal Id": "1",

"name": "Good"

},

{

"internal Id": "2",

"name": "Damaged"

},

{

"internal Id": "3",

"name": "QA"

},

{

"internal Id": "4",

"name": "HOLD For FEFO"

},

{

"internal Id": "5",

"name": "HOLD For DESTRUCTION"

}

]

---

a map ( payload filter ((item, index) -> $."internal Id" == item.status))[0] filter ((item, index) -> item != null )

output

[

{

"id": "123",

"name": "sande",

"status": "1"

},

{

"id": "123",

"name": "sande",

"status": "2"

}

]

See the difference between contains function and == operator

[{

"id": "123",

"name": "sande",

"status": "sande siri"

},

{

"id": "123",

"name": "sande",

"status": "2"

},

{

"id": "123",

"name": "sande",

"status": "sande siri"

}]

Dataweave expression

%dw 2.0

output application/json skipNullOn = "every Where"

var a = [

{

"internal Id": "siri",

"name": "Good"

},

{

"internal Id": "2",

"name": "Damaged"

},

{

"internal Id": "3",

"name": "QA"

},

{

"internal Id": "4",

"name": "HOLD For FEFO"

},

{

"internal Id": "5",

"name": "HOLD For DESTRUCTION"

}

]

---

payload map ((item, index) -> {

"ID": item.id,

"name": item.name,

"status":(a filter (item.status contains $."internal Id" )).name[0] //(a filter (item.status == $."internal Id" )).name[0]

})

Output

For contains output

[

{

"ID": "123",

"name": "sande",

"status": "Good"

},

{

"ID": "123",

"name": "sande",

"status": "Damaged"

},

{

"ID": "123",

"name": "sande",

"status": "Good"

}

]

== operator output

[

{

"ID": "123",

"name": "sande",

"status": null

},

{

"ID": "123",

"name": "sande",

"status": "Damaged"

},

{

"ID": "123",

"name": "sande",

"status": null

}

]

How to give logger level with out giving of category name

<https://help.salesforce.com/s/articleView?id=001116402&type=1>

<https://mulesy.com/enable-disable-logging-in-mule-4/> (you want see connector logger response can you please follow this link)

how to generate debug logs with out adding of category (like package name)

<?xml version=*"1.0"* encoding=*"utf-8"*?>

<Configuration>

<!--These are some of the loggers you can enable. There are several more

you can find in the documentation. Besides this log4j configuration, you

can also use Java VM environment variables to enable other logs like network

(-Djavax.net.debug=ssl or all) and Garbage Collector (-XX:+PrintGC). These

will be append to the console, so you will see them in the mule\_ee.log file. -->

<Appenders>

<RollingFile name=*"file"*

fileName=*"${sys:mule.home}${sys:file.separator}logs${sys:file.separator}netsuite-sfc-papi.log"*

filePattern=*"${sys:mule.home}${sys:file.separator}logs${sys:file.separator}netsuite-sfc-papi-%i.log"*>

<PatternLayout

pattern=*"%-5p %d [%t] [processor: %X{processorPath}; event: %X{correlationId}] %c: %m%n"* />

<SizeBasedTriggeringPolicy size=*"10 MB"* />

<DefaultRolloverStrategy max=*"10"* />

</RollingFile>

<RollingFile name=*"com.jillamy.sfc.papi.debugappender"*

fileName=*"${sys:mule.home}${sys:file.separator}logs${sys:file.separator}com.jillamy.sfc.papi.debugappender.log"*

filePattern=*"${sys:mule.home}${sys:file.separator}logs${sys:file.separator}batch-process-%i.log"*>

<PatternLayout

pattern=*"%-5p %d [%t] [processor: %X{processorPath}; event: %X{correlationId}] %c: %m%n"* />

<SizeBasedTriggeringPolicy size=*"10 MB"* />

<DefaultRolloverStrategy max=*"10"* />

</RollingFile>

</Appenders>

<Loggers>

<!-- Http Logger shows wire traffic on DEBUG -->

<!--AsyncLogger name="org.mule.service.http.impl.service.HttpMessageLogger"

level="DEBUG"/ -->

<AsyncLogger name=*"org.mule.service.http"* level=*"WARN"* />

<AsyncLogger name=*"org.mule.extension.http"* level=*"WARN"* />

<AsyncLogger name=*"com.jillamy.sfc.papi.debug"*

level=*"DEBUG"*>

<AppenderRef ref=*"com.jillamy.sfc.papi.debugappender"* />

</AsyncLogger>

<!-- Mule logger -->

<AsyncLogger

name=*"org.mule.runtime.core.internal.processor.LoggerMessageProcessor"*

level=*"DEBUG"* />(change here debug)

<AsyncRoot level=*"INFO"*>

<AppenderRef ref=*"file"* />

</AsyncRoot>

</Loggers>

</Configuration>

how to disable after adding of client enforcement in the api manager while running in the local

-Danypoint.platform.gatekeeper=disabled (apply in the run as arguments)

Date format

Input

{

"date": "2025/09/02"

}

Dataweave expression

%dw 2.0

output application/json

---

upper(payload.date as Date {format : "yyyy/MM/dd"} as String {format : "dd-MMMM-yyyy"})

output

"02-SEPTEMBER-2025"

Input

[{

“A”: 50

},

{

“A”: 50

}

,

{

“A”: 50

}

]

Dataweave expression

%dw 2.0

output application/json

---

sum(payload map ($.A))

(or)

Use sunBy function

output

150

netsuite web document

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<https://system.netsuite.com/help/helpcenter/en_US/srbrowser/Browser2023_2/schema/record/itemreceipt.html>

<https://system.netsuite.com/help/helpcenter/en_US/srbrowser/Browser2023_2/schema/record/account.html>

dataweave

add extra fields from existing array by using of another array

[

{

"Id": "4280737",

"lineNo": "1",

"sfcId": "1234",

"sfcStatus": "2"

},

{

"Id": "4280636",

"lineNo": "1",

"sfcId": "1234",

"sfcStatus": "2"

}

]

Dataweave expression

%dw 2.0

output application/json

var a = [

{

"exception": null,

"message": null,

"payload": {

"created": true,

"success": true,

"id": "a00D1000006wH6uIAE",

"errors": [

]

},

"id": "a00D1000006wH6uIAE",

"successful": true,

"statusCode": null

},

{

"exception": null,

"message": null,

"payload": {

"created": true,

"success": true,

"id": "a00D1000006wH6vIAE",

"errors": [

]

},

"id": "a00D1000006wH6vIAE",

"successful": true,

"statusCode": null

},

{

"exception": null,

"message": null,

"payload": {

"created": true,

"success": true,

"id": "a00D1000006wH6wIAE",

"errors": [

]

},

"id": "a00D1000006wH6wIAE",

"successful": true,

"statusCode": null

},

{

"exception": null,

"message": null,

"payload": {

"created": true,

"success": true,

"id": "a00D1000006wH6xIAE",

"errors": [

]

},

"id": "a00D1000006wH6xIAE",

"successful": true,

"statusCode": null

},

{

"exception": null,

"message": null,

"payload": {

"created": true,

"success": true,

"id": "a00D1000006wH6yIAE",

"errors": [

]

},

"id": "a00D1000006wH6yIAE",

"successful": true,

"statusCode": null

}

]

---

payload map ((item, index) -> item ++ {

sfcId : a.id[index]

})

Output

[

{

"Id": "4280737",

"lineNo": "1",

"sfcId": "1234",

"sfcStatus": "2",

"sfcId": "a00D1000006wH6uIAE"

},

{

"Id": "4280636",

"lineNo": "1",

"sfcId": "1234",

"sfcStatus": "2",

"sfcId": "a00D1000006wH6vIAE"

}

]

Input

[

    {

        "internalId": "4280737",

        "item": "36069",

        "line": "1",

        "Line Unique Key": "5924724",

        "mainLine": "false",

        "Total Line QTY": "980.0",

        "Receive Date": "2024-03-14T21:00:00.000-07:00",

        "Internal #": "IR26416",

        "UOM": "CS\_10",

        "Trailer/Container #": "TRHU6924398",

        "Seal #": "FX32142405",

        "SearchColumnStringCustomField\_\_custcol\_line\_seq": "ERROR: Field Not Found",

        "Consignee PO #": "MEDUET121229",

        "Created From Order": "PO14272",

        "item ": "16001-188",

        "Description": "VWR PIPET TRAN GRD 7.5ML PK 500",

        "weight/unit": "2.0",

        "WEIGHT UOM": "\_lb",

        "Owning Customer1": "5888",

        "Location": "JPW - 200 River Rd Falls Township PA",

        "Available 3": "0.0",

        "On hand 3": "0.0",

        "Owning Customer": "BDP International, Inc (Avantor) "

    },

    {

        "internalId": "4280737",

        "item": "36067",

        "line": "2",

        "Line Unique Key": "5924725",

        "mainLine": "false",

        "Total Line QTY": "1000.0",

        "Receive Date": "2024-03-14T21:00:00.000-07:00",

        "Internal #": "IR26416",

        "UOM": "CS\_10",

        "Trailer/Container #": "TRHU6924398",

        "Seal #": "FX32142405",

        "SearchColumnStringCustomField\_\_custcol\_line\_seq": "ERROR: Field Not Found",

        "Consignee PO #": "MEDUET121229",

        "Created From Order": "PO14272",

        "item ": "16001-182",

        "Description": "VWR PIPET TRANSFER 5ML PK 500",

        "weight/unit": "1.45",

        "WEIGHT UOM": "\_lb",

        "Owning Customer1": "5888",

        "Location": "JPW - 200 River Rd Falls Township PA",

        "Available 3": "0.0",

        "On hand 3": "0.0",

        "Owning Customer": "BDP International, Inc (Avantor) "

    },

    {

        "internalId": "4280737",

        "item": "36022",

        "line": "3",

        "Line Unique Key": "5924726",

        "mainLine": "false",

        "Total Line QTY": "348.0",

        "Receive Date": "2024-03-14T21:00:00.000-07:00",

        "Internal #": "IR26416",

        "UOM": "CS\_1",

        "Trailer/Container #": "TRHU6924398",

        "Seal #": "FX32142405",

        "SearchColumnStringCustomField\_\_custcol\_line\_seq": "ERROR: Field Not Found",

        "Consignee PO #": "MEDUET121229",

        "Created From Order": "PO14272",

        "item ": "414004-265",

        "Description": "VWR PIPET ASPIRATING 2ML CS200",

        "weight/unit": "2.35",

        "WEIGHT UOM": "\_lb",

        "Owning Customer1": "5888",

        "Location": "JPW - 200 River Rd Falls Township PA",

        "Available 3": "0.0",

        "On hand 3": "0.0",

        "Owning Customer": "BDP International, Inc (Avantor) "

    },

    {

        "internalId": "4280737",

        "item": "36070",

        "line": "4",

        "Line Unique Key": "5924727",

        "mainLine": "false",

        "Total Line QTY": "150.0",

        "Receive Date": "2024-03-14T21:00:00.000-07:00",

        "Internal #": "IR26416",

        "UOM": "CS\_10",

        "Trailer/Container #": "TRHU6924398",

        "Seal #": "FX32142405",

        "SearchColumnStringCustomField\_\_custcol\_line\_seq": "ERROR: Field Not Found",

        "Consignee PO #": "MEDUET121229",

        "Created From Order": "PO14272",

        "item ": "16001-190",

        "Description": "VWR PIPET TRANSFER 8ML PK400",

        "weight/unit": "1.7",

        "WEIGHT UOM": "\_lb",

        "Owning Customer1": "5888",

        "Location": "JPW - 200 River Rd Falls Township PA",

        "Available 3": "0.0",

        "On hand 3": "0.0",

        "Owning Customer": "BDP International, Inc (Avantor) "

    }]

dataweave

%dw 2.0

output application/json

var a = [

{

"exception": null,

"message": null,

"payload": {

"created": true,

"success": true,

"id": "a00D1000006wH6uIAE",

"errors": [

]

},

"id": "a00D1000006wH6uIAE",

"successful": true,

"statusCode": null

},

{

"exception": null,

"message": null,

"payload": {

"created": true,

"success": true,

"id": "a00D1000006wH6vIAE",

"errors": [

]

},

"id": "a00D1000006wH6vIAE",

"successful": true,

"statusCode": null

},

{

"exception": null,

"message": null,

"payload": {

"created": true,

"success": true,

"id": "a00D1000006wH6wIAE",

"errors": [

]

},

"id": "a00D1000006wH6wIAE",

"successful": true,

"statusCode": null

},

{

"exception": null,

"message": null,

"payload": {

"created": true,

"success": true,

"id": "a00D1000006wH6xIAE",

"errors": [

]

},

"id": "a00D1000006wH6xIAE",

"successful": true,

"statusCode": null

},

{

"exception": null,

"message": null,

"payload": {

"created": true,

"success": true,

"id": "a00D1000006wH6yIAE",

"errors": [

]

},

"id": "a00D1000006wH6yIAE",

"successful": true,

"statusCode": null

}

]

---

// payload map ((item, index) -> item ++ {

// sfcId : a.id[index]

// })

payload map

     {

"Id": $.internalId,

"lineNo": $.line,

"sfcId": a[$$].id,

"sfcStatus": "2"

}

Output

[

{

"Id": "4280737",

"lineNo": "1",

"sfcId": "a00D1000006wH6uIAE",

"sfcStatus": "2"

},

{

"Id": "4280737",

"lineNo": "2",

"sfcId": "a00D1000006wH6vIAE",

"sfcStatus": "2"

},

{

"Id": "4280737",

"lineNo": "3",

"sfcId": "a00D1000006wH6wIAE",

"sfcStatus": "2"

},

{

"Id": "4280737",

"lineNo": "4",

"sfcId": "a00D1000006wH6xIAE",

"sfcStatus": "2"

}

]

How to use substring

Input

[

{

"entity": "5888",

"internalId": "4001439",

"item": "35823",

"line": "0",

"quantity": "10.0",

"quantityShipRecv": "0.0",

"serialNumberQuantity": "-10.0",

"serialNumbers": "123456te4s",

"Shipping Address": "VWR Suwanee\n1050 Satellite Blvd\nSuwanee GA 30024\nUnited States",

"Primary Carrier": "142",

"shipState": "GA",

"shipZip": "30024",

"tranDate": "2024-01-16T21:00:00.000-08:00",

"IF# (945)": "ITEMSHIP29246",

"unit": "EACH",

"SearchColumnLongCustomField\_\_custbody\_total\_pallets\_shipped": "2",

"SearchColumnStringCustomField\_\_custcol\_ms\_order\_line\_seq": "1",

"SearchColumnStringCustomField\_\_custcol\_ms\_vpn": "VWRI10040-440",

"Total Fulfillment Weight": "165.18",

"SearchColumnStringCustomField\_\_custbody\_jil\_trackingnumber": "MASTERBOLTEST002A",

"SearchColumnStringCustomField\_\_custbody\_bol\_trailer\_number": "TL002ATEST",

"SearchColumnStringCustomField\_\_custbody\_bol\_seal\_number": "SL002ATEST",

"SearchColumnDoubleCustomField\_\_custcol\_if\_bol\_col\_weight": "114.0",

"SearchColumnStringCustomField\_\_custcol\_ms\_order\_num": "4516300123",

"SearchColumnStringCustomField\_\_custbody\_jil\_voyagenumber": "Voyage123",

"SearchColumnStringCustomField\_\_custcol\_sps\_vendorpartnumber": "10040-440",

"SearchColumnStringCustomField\_\_custbody\_jil\_cust\_po\_num": "4516300123",

"EDI Message Status": "7"

}]

Dataweave expression

%dw 2.0

output application/json

import \* from dw::core::Strings

---

payload map {

"Consignee\_\_c": substringBefore($."Shipping Address", "\n")

}

Output

[

{

"Consignee\_\_c": "VWR Suwanee"

}

]

Update the status inside of line value in the netsuite use this dataweave expression and name spaces

Input payload

[

    {

        "Id": "4280737",

        "lineNo": "1",

        "sfcId": "1234",

        "sfcStatus": "2"

    },

    {

        "Id": "4280636",

        "lineNo": "1",

        "sfcId": "1234",

        "sfcStatus": "2"

    }

]

Dataweave expression

%dw 2.0

**output** **application/xml**

**ns** ns0 urn:messages\_2020\_2.platform.webservices.netsuite.com

**ns** ns01 urn:purchases\_2020\_2.transactions.webservices.netsuite.com

**ns** ns02 urn:core\_2020\_2.platform.webservices.netsuite.com

**ns** xsi http://www.w3.org/2001/XMLSchema-instance

---

{

ns0#updateList: {

(payload map (ns0#record @(internalId: $.Id, "xmlns:ns01": ns01, xsi#"type": "ns01:ItemReceipt"): {

ns01#itemList @(replaceAll:"false", xsi#"type":"ns01:ItemReceiptItemList"):{

ns01#item @(xsi#"type":"ns01:ItemReceiptItem"):{

ns01#line: $.lineNo,

ns01#customFieldList: {

StringCustomFieldRef\_\_custcol\_sfc\_status: {

ns02#value: $.sfcStatus

},

StringCustomFieldRef\_\_custcol\_sfc\_id: {

ns02#value: $.sfcId

}

}

}

}

}))

}

}

Vm listener

https://dzone.com/articles/how-to-use-vm-connector

dataweave exp

[

{

"internalId": "4280737",

"item": "36100",

"line": "6",

"Line Unique Key": "5924729",

"mainLine": "false",

"Total Line QTY": "120.0",

"Receive Date": "2024-03-14T21:00:00.000-07:00",

"Internal #": "IR26416",

"UOM": "CS\_10",

"Trailer/Container #": "TRHU6924398",

"Seal #": "FX32142405",

"SearchColumnStringCustomField\_\_custcol\_line\_seq": "ERROR: Field Not Found",

"Consignee PO #": "MEDUET121229",

"Created From Order": "PO14272",

"item ": "414004-001",

"Description": "VWR PIPET TRANS BULK PK 500",

"weight/unit": "1.35",

"WEIGHT UOM": "\_lb",

"Owning Customer1": "5888",

"Location": "JPW - 200 River Rd Falls Township PA",

"Available 3": "0.0",

"On hand 3": "0.0",

"Owning Customer": "BDP International, Inc (Avantor)"

},

{

"internalId": "4280737",

"item": "36100",

"line": "6",

"Line Unique Key": "5924729",

"mainLine": "false",

"Total Line QTY": "120.0",

"Receive Date": "2024-03-14T21:00:00.000-07:00",

"Internal #": "IR26416",

"UOM": "CS\_10",

"Trailer/Container #": "TRHU6924398",

"Seal #": "FX32142405",

"SearchColumnStringCustomField\_\_custcol\_line\_seq": "ERROR: Field Not Found",

"Consignee PO #": "MEDUET121229",

"Created From Order": "PO14272",

"item ": "414004-001",

"Description": "VWR PIPET TRANS BULK PK 500",

"weight/unit": "1.35",

"WEIGHT UOM": "\_lb",

"Owning Customer1": "5888",

"Location": "JPW - 200 River Rd Falls Township PA",

"Available 3": "0.0",

"On hand 3": "0.0",

"Owning Customer": null

}

]

Dataweave expression

%dw 2.0

output application/json

var filterResponse = payload filter ((item, index) -> item."Owning Customer" != null )

var sfQueryResponse= [{

Name: "BDP International, Inc (Avantor)",

"Id": "123"

}]

---

// "select Id,Name from Account where Name IN ( '" ++((filterResponse."Owning Customer" default [] joinBy("','")))++ "')"

payload map (item)-> {

"id": (sfQueryResponse filter(item."Owning Customer" == $.Name)).Id[0]

}

Output

[

{

"id": "123"

},

{

"id": null

}

]

How to manage the queues in the runtime env

<https://docs.mulesoft.com/cloudhub/managing-queues>

**How to Right trim the String(All End spaces of String should be removed )  
Sample Input And Output given below**

Slightly did this with recursive way, please check below dataweave

{

"one": " 123 456 12 1 MuleSoft ",

"two": " ABC EFG 12 1 "

}

Dataweave expression

%dw 2.0

output application/json

import \* from dw::core::Strings

fun remove(data) = if(charCodeAt(data, -1) == 32) (data[0 to -2]) else data

---

payload mapObject ((value, key, index) -> {

(key) : remove(value)

})

Output

{

"one": " 123 456 12 1 MuleSoft",

"two": " ABC EFG 12 1"

}

Or

{

"one": " 123 456 12 1 MuleSoft ",

"two": " ABC EFG 12 1"

}

Dataweave expression

%dw 2.0

output application/json

---

payload mapObject ((value, key, index) -> {

(key) : value[0 to -2] ++ (if(value[-1] == " ") "" else value[-1])

})

Output

{

"one": " 123 456 12 1 MuleSoft",

"two": " ABC EFG 12 1"

}

Input

{

"Employee": [

{

"Code": " 501-AKASH",

"Age": "26",

"Salary": "900000 ",

"Date": "03/04/2022",

"Billed": "NO "

},

{

"Code": " 502-PRIYA",

"Age": "30 ",

"Salary": "1000000 ",

"Date": "22/02/2021",

"Billed": "YES"

}

]

}

Dataweave expression

%dw 2.0

output application/json

---

payload.Employee map ((item, index) ->

item ++ {

"siri": {

"siri": 123

}

}

)

Output

[

{

"Code": " 501-AKASH",

"Age": "26",

"Salary": "900000 ",

"Date": "03/04/2022",

"Billed": "NO ",

"siri": {

"siri": 123

}

},

{

"Code": " 502-PRIYA",

"Age": "30 ",

"Salary": "1000000 ",

"Date": "22/02/2021",

"Billed": "YES",

"siri": {

"siri": 123

}

}

]

How to convert negative value into positive value

Input

[{

"as": -1

}]

Dataweave expression

%dw 2.0

output application/json

---

payload map {

"siri": abs($."as")

}

Output

[

{

"siri": 1

}

]

MAVEN DEPLOYEMENT PEOCESS

Follow this link

1.. [How to deploy from Anypoint Studio using Maven | MuleSoft Developers](https://developer.mulesoft.com/tutorials-and-howtos/quick-start/how-to-deploy-using-maven-anypoint-studio-mule-application/)

2.. <https://mulesy.com/deploy-on-cloudhub-through-maven/>

3.. <https://dzone.com/articles/mule-maven-plugin-for-deploying-mulesoft-applicati>

<https://docs.mulesoft.com/mule-runtime/latest/deploy-to-cloudhub>

For distributionManagement and settings.xml

3.. <https://help.salesforce.com/s/articleView?id=001121772&type=1>

Example ci and cd

**Demo project successfully deployed in the could by using of maven (with using yaml file)**

**With out using yaml file deployed in the could**

student-info-sys-api

pom.xml

<?xml version="1.0" encoding="UTF-8"?>

<project xmlns="http://maven.apache.org/POM/4.0.0"

    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

    xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 https://maven.apache.org/xsd/maven-4.0.0.xsd">

    <modelVersion>4.0.0</modelVersion>

    <groupId>17297b5f-fde5-4983-a5d8-292fd2c68858</groupId>

    <artifactId>student-info-sys-api</artifactId>

    <version>1.0.0-SNAPSHOT</version>

    <packaging>mule-application</packaging>

    <name>student-info-sys-api-456</name>

    <properties>

        <project.build.sourceEncoding>UTF-8</project.build.sourceEncoding>

        <project.reporting.outputEncoding>UTF-8</project.reporting.outputEncoding>

        <app.runtime>4.4.0-20220824</app.runtime>

        <mule.maven.plugin.version>3.8.1</mule.maven.plugin.version>

    </properties>

    <distributionManagement>

        <repository>

            <id>anypoint-exchange-v3</id>

            <name>Corporate Repository</name>

            <url>https://maven.anypoint.mulesoft.com/api/v3/organizations/17297b5f-fde5-4983-a5d8-292fd2c68858/maven</url>

            <layout>default</layout>

        </repository>

    </distributionManagement>

    <build>

        <plugins>

            <plugin>

                <groupId>org.apache.maven.plugins</groupId>

                <artifactId>maven-clean-plugin</artifactId>

                <version>3.2.0</version>

            </plugin>

            <plugin>

                <groupId>org.mule.tools.maven</groupId>

                <artifactId>mule-maven-plugin</artifactId>

                <version>${mule.maven.plugin.version}</version>

                <extensions>true</extensions>

                <configuration>

                    <cloudhub2Deployment>

                        <uri>https://anypoint.mulesoft.com </uri>

                        <provider>MC</provider>

                        <environment>Sandbox</environment>

                        <target>Cloudhub-US-East-2</target>

                        <muleVersion>4.4.0</muleVersion>

                        <server>anypoint-exchange-v3</server>

                        <applicationName>student-api-sandbox-1</applicationName>

                        <replicas>1</replicas>

                        <deploymentTimeout>600000</deploymentTimeout>

                        <vCores>0.1</vCores>

                        <deploymentSettings>

                            <lastMileSecurity>false</lastMileSecurity>

                            <forwardSslSession>false</forwardSslSession>

                            <generateDefaultPublicUrl>true</generateDefaultPublicUrl>

                        </deploymentSettings>

                    </cloudhub2Deployment>

                </configuration>

            </plugin>

        </plugins>

    </build>

    <dependencies>

        <dependency>

            <groupId>org.mule.connectors</groupId>

            <artifactId>mule-http-connector</artifactId>

            <version>1.7.1</version>

            <classifier>mule-plugin</classifier>

        </dependency>

        <dependency>

            <groupId>org.mule.connectors</groupId>

            <artifactId>mule-sockets-connector</artifactId>

            <version>1.2.2</version>

            <classifier>mule-plugin</classifier>

        </dependency>

        <dependency>

            <groupId>org.mule.modules</groupId>

            <artifactId>mule-apikit-module</artifactId>

            <version>1.6.1</version>

            <classifier>mule-plugin</classifier>

        </dependency>

        <dependency>

            <groupId>org.mule.connectors</groupId>

            <artifactId>mule-db-connector</artifactId>

            <version>1.14.3</version>

            <classifier>mule-plugin</classifier>

        </dependency>

    </dependencies>

    <repositories>

        <repository>

            <id>anypoint-exchange-v3</id>

            <name>Anypoint Exchange</name>

            <url>https://maven.anypoint.mulesoft.com/api/v3/maven</url>

            <layout>default</layout>

        </repository>

        <repository>

            <id>mulesoft-releases</id>

            <name>MuleSoft Releases Repository</name>

            <url>https://repository.mulesoft.org/releases/</url>

            <layout>default</layout>

        </repository>

    </repositories>

    <pluginRepositories>

        <pluginRepository>

            <id>mulesoft-releases</id>

            <name>MuleSoft Releases Repository</name>

            <layout>default</layout>

            <url>https://repository.mulesoft.org/releases/</url>

            <snapshots>

                <enabled>false</enabled>

            </snapshots>

        </pluginRepository>

    </pluginRepositories>

</project>

**maths-operation also deployed in the could using ci and cd**

**pom.xml**

<?xml version="1.0" encoding="UTF-8"?>

<project xmlns="http://maven.apache.org/POM/4.0.0"

    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

    xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 https://maven.apache.org/xsd/maven-4.0.0.xsd">

    <modelVersion>4.0.0</modelVersion>

    <groupId>com.mycompany</groupId>

    <artifactId>addition-api</artifactId>

    <version>1.0.0-SNAPSHOT</version>

    <packaging>mule-application</packaging>

    <name>addition-api</name>

    <properties>

        <project.build.sourceEncoding>UTF-8</project.build.sourceEncoding>

        <project.reporting.outputEncoding>UTF-8</project.reporting.outputEncoding>

        <app.runtime>4.4.0-20220824</app.runtime>

        <mule.maven.plugin.version>3.3.5</mule.maven.plugin.version>

    </properties>

    <build>

        <plugins>

            <plugin>

                <groupId>org.apache.maven.plugins</groupId>

                <artifactId>maven-clean-plugin</artifactId>

                <version>3.2.0</version>

            </plugin>

            <plugin>

                <groupId>org.mule.tools.maven</groupId>

                <artifactId>mule-maven-plugin</artifactId>

                <version>${mule.maven.plugin.version}</version>

                <extensions>true</extensions>

                <configuration>

                    <cloudHubDeployment>

                        <username>${username}</username>

                        <password>${password}</password>

                        <workers>${workers}</workers>

                        <workerType>${worker.type}</workerType>

                        <environment>${environment}</environment>

                        <muleVersion>${mule.version}</muleVersion>

                        <applicationName>${application.name}</applicationName>

                        <objectStoreV2>true</objectStoreV2>

                        <properties>

                            <maven.compiler.target>1.8</maven.compiler.target>

                            <maven.compiler.source>1.8</maven.compiler.source>

                        </properties>

                    </cloudHubDeployment>

                    <classifier>---- select project type ----</classifier>

                </configuration>

            </plugin>

        </plugins>

    </build>

    <dependencies>

        <dependency>

            <groupId>org.mule.connectors</groupId>

            <artifactId>mule-http-connector</artifactId>

            <version>1.7.1</version>

            <classifier>mule-plugin</classifier>

        </dependency>

        <dependency>

            <groupId>org.mule.connectors</groupId>

            <artifactId>mule-sockets-connector</artifactId>

            <version>1.2.2</version>

            <classifier>mule-plugin</classifier>

        </dependency>

    </dependencies>

    <repositories>

        <repository>

            <id>anypoint-exchange-v3</id>

            <name>Anypoint Exchange</name>

            <url>https://maven.anypoint.mulesoft.com/api/v3/maven</url>

            <layout>default</layout>

        </repository>

        <repository>

            <id>mulesoft-releases</id>

            <name>MuleSoft Releases Repository</name>

            <url>https://repository.mulesoft.org/releases/</url>

            <layout>default</layout>

        </repository>

    </repositories>

    <pluginRepositories>

        <pluginRepository>

            <id>mulesoft-releases</id>

            <name>MuleSoft Releases Repository</name>

            <layout>default</layout>

            <url>https://repository.mulesoft.org/releases/</url>

            <snapshots>

                <enabled>false</enabled>

            </snapshots>

        </pluginRepository>

    </pluginRepositories>

</project>

Yaml file for maths-operation

# Maven

# Build your Java project and run tests with Apache Maven.

# Add steps that analyze code, save build artifacts, deploy, and more:

# https://docs.microsoft.com/azure/devops/pipelines/languages/java

trigger:

- Sandbox

- dev

pool:

  vmImage: ubuntu-latest

steps:

- task: Maven@3

  inputs:

    mavenPomFile: 'pom.xml'

    mavenOptions: '-Xmx3072m'

    javaHomeOption: 'JDKVersion'

    jdkVersionOption: '1.8'

    jdkArchitectureOption: 'x64'

    publishJUnitResults: true

    testResultsFiles: '\*\*/surefire-reports/TEST-\*.xml'

    goals:  'package deploy -DmuleDeploy -Dusername=$(username) -Dpassword=$(password) -Dworkers=$(workers) -Dworker.type=$(worker.type) -Denvironment=Sandbox -Dmule.version=$(mule.version) -Dapplication.name=$(application.name)'

- task: Maven@3

  inputs:

    mavenPomFile: 'pom.xml'

    mavenOptions: '-Xmx3072m'

    javaHomeOption: 'JDKVersion'

    jdkVersionOption: '1.8'

    jdkArchitectureOption: 'x64'

    publishJUnitResults: true

    testResultsFiles: '\*\*/surefire-reports/TEST-\*.xml'

    goals:  'clean package deploy -DmuleDeploy -Dusername=$(username) -Dpassword=$(password) -Dworkers=$(workers) -Dworker.type=$(worker.type) -Denvironment=dev -Dmule.version=$(mule.version) -Dapplication.name=$(application.name)'

yellow color are setting in the variable in the azure ci and cd pipeline

how to delete email when mistakes in the information in the other emails(outlook)

1. Select the Sent Items folder.
2. Select or double-click the message so it opens in another window.
3. Select File > Info.
4. Select Message Resend and Recall > Recall This Message..., and select one of the two options. ...
5. Select the Tell me if recall succeeds or fails for each recipient check box.
6. Select OK

TLS documentation link

<https://docs.mulesoft.com/mule-runtime/4.3/tls-configuration>

<https://dzone.com/articles/mulesoft-custom-connector-with-xml-sdk>

dataweave expression

if condition(remove one field which dose not contain the value)

[{

"firstName": "James",

"lastName": "Peter",

"age":30,

"salary":30000

},

{

"firstName": "Peter",

"lastName": "Gonsalves",

"age":28,

"salary":60000

},

{

"firstName": "Anthony",

"lastName": "Watson",

"age":27,

"salary":50000

}]

Dataweave expression

%dw 2.0

output application/json

---

payload map(items,index) -> {

name: items.firstName ++ " "++ items.lastName,

age: items.age,

(salary: (items.salary)) if(items.salary> 30000)

}

Output

[

{

"name": "James Peter",

"age": 30

},

{

"name": "Peter Gonsalves",

"age": 28,

"salary": 60000

},

{

"name": "Anthony Watson",

"age": 27,

"salary": 50000

}

]

If you want pass null value when field is dose not exist

Input

[{

"firstName": "James",

"lastName": "Peter",

"age":30,

"salary":30000

},

{

"firstName": "Peter",

"lastName": "Gonsalves",

"age":28,

"salary":60000

},

{

"firstName": "Anthony",

"lastName": "Watson",

"age":27,

"salary":50000

}]

Dataweave expression

%dw 2.0

output application/json

---

payload map(items,index) -> {

name: items.firstName ++ " "++ items.lastName,

age: items.age,

salary: if(items.salary> 30000) items.salary else null

}

Output

[

{

"name": "James Peter",

"age": 30,

"salary": null

},

{

"name": "Peter Gonsalves",

"age": 28,

"salary": 60000

},

{

"name": "Anthony Watson",

"age": 27,

"salary": 50000

}

]

want to remove overall value in the payload when that certain field is dose not exist

[{

"firstName": "James",

"lastName": "Peter",

"age":30,

"salary":30000

},

{

"firstName": "Peter",

"lastName": "Gonsalves",

"age":28,

"salary":60000

},

{

"firstName": "Anthony",

"lastName": "Watson",

"age":27,

"salary":50000

}]

Dataweave expression

%dw 2.0

output application/json

---

payload filter $.salary > 40000 map(items,index) -> {

name: items.firstName ++ " "++ items.lastName,

age: items.age,

salary:items.salary

}

Output

[

{

"name": "Peter Gonsalves",

"age": 28,

"salary": 60000

},

{

"name": "Anthony Watson",

"age": 27,

"salary": 50000

}

]

We want to convert all the keys to uppercase in the array of items. We can iterate over the array of items using the mapoperator and to manipulate the keys in the object we can use the mapObjectoperator, as this operator can act on the keys, unlike the map operator.

In the mapObjectoperator, $ gives the value, $$ gives the key, and $$$ gives the indices.

Input

[{

"firstName": "James",

"lastName": "Peter",

"age":30,

"salary":30000

},

{

"firstName": "Peter",

"lastName": "Gonsalves",

"age":28,

"salary":60000

},

{

"firstName": "Anthony",

"lastName": "Watson",

"age":27,

"salary":50000

}]

Dataweave expression

%dw 2.0

output application/json

---

payload map (items,index) ->

(

items mapObject(

(upper($$)):$

)

)

Output

[

{

"FIRSTNAME": "James",

"LASTNAME": "Peter",

"AGE": 30,

"SALARY": 30000

},

{

"FIRSTNAME": "Peter",

"LASTNAME": "Gonsalves",

"AGE": 28,

"SALARY": 60000

},

{

"FIRSTNAME": "Anthony",

"LASTNAME": "Watson",

"AGE": 27,

"SALARY": 50000

}

]

Input

[{

"firstName": "James",

"lastName": "Peter",

"age":30,

"salary":30000

},

{

"firstName": "Peter",

"lastName": "Gonsalves",

"age":28,

"salary":60000

},

{

"firstName": "Anthony",

"lastName": "Watson",

"age":27,

"salary":50000

}]

Dataweave expression

%dw 2.0

output application/json

---

payload filter $.salary > 40000 map (items,index) ->

(

items filterObject $$$ > 1

)

Output

[

{

"age": 28,

"salary": 60000

},

{

"age": 27,

"salary": 50000

}

]

Input

[

{

"firstName": "James",

"lastName": "Peter",

"age": 30,

"salary": 30000

},

{

"firstName": "Peter",

"lastName": "Gonsalves",

"age": 28,

"salary": 60000

},

{

"firstName": "Anthony",

"lastName": "Watson",

"age": 27,

"salary": 50000

}

]

Dataweave expression

%dw 2.0

output application/json

---

payload filter $.salary < 40000 map (items,index) ->(

items mapObject (

if($$ as String == "lastName")

{

(upper($$)): $,

"STATUS":"Active"

}

else

{

(upper($$)):$

}

)

)

Output

[

{

"FIRSTNAME": "James",

"LASTNAME": "Peter",

"STATUS": "Active",

"AGE": 30,

"SALARY": 30000

}

]

Nested arrays in the input how map about using of map function for value

Input

{

"orders": [

{

"orderNumber": "1234",

"customerName": "John Smith",

"items": [

{

"sku": "A001",

"name": "Product A",

"price": 10.99,

"quantity": 2,

"item": {

"sku": "B002",

"name": "Product B",

"price": 5.99,

"quantity": 3

}

}

]

},

{

"orderNumber": "5678",

"customerName": "Jane Doe",

"items": [

{

"sku": "A001",

"name": "Product A",

"price": 10.99,

"quantity": 2,

"item": {

"sku": "B004",

"name": "Product B",

"price": 5.99,

"quantity": 3

}

}

]

}

]

}

Dataweave expression

%dw 2.0

output application/json

---

{

"orderDetails" : payload.orders map ((item) ->{

"orderNumber" : item.orderNumber,

"customerName" : item.customerName,

"totalAmount" : (item.items map ((item1) -> (item1.price) \*(item1.quantity) )) reduce ((item, accumulator) -> item + accumulator ),// instead of this code use this one “item.items.price[0] \* item.items.quantity[0]”

"sku": item.items.item.sku[0]

} )

}

(or)

%dw 2.0

output application/json

---

{

"orderDetails" : payload.orders map ((item) ->{

"orderNumber" : item.orderNumber,

"customerName" : item.customerName,

"totalAmount" : item.items.price[0] \* item.items.quantity[0],

"sku": item.items.item.sku[0]

} )

}

Output

{

"orderDetails": [

{

"orderNumber": "1234",

"customerName": "John Smith",

"totalAmount": 21.98,

"sku": "B002"

},

{

"orderNumber": "5678",

"customerName": "Jane Doe",

"totalAmount": 21.98,

"sku": "B004"

}

]

}

Input

["jose", "pedro", "mateo"]

Dataweave expression

%dw 2.0

output application/json

---

Payload map (value, index) -> {

name: value,

length: sizeOf(value)

}

Output

[

 {

"name": "jose",

"length": 4

 },

 {

"name": "pedro",

"length": 5

 },

 {

"name": "mateo",

"length": 5

 }

]

Array dataweave expression

<https://medium.com/another-integration-blog/dataweave-array-modules-example-with-function-definition-f8e488feeb33>

dataweave expression with selector values in the docs

follow this link

<https://docs.mulesoft.com/dataweave/latest/dataweave-cookbook-extract-data#single_value>

dataweave input

{

"people": {

"size" : 1,

"person": {

"name": "Nial",

"address": {

"street": {

"name": "Italia",

"number": 2164

},

"area": {

"zone": "San Isidro",

"name": "Martinez"

}

}

}

}

}

Dataweave expression

%dw 2.0

output application/xml

---

{ myaddresses: payload.people.person.address }

Dataweave output

<?xml version='1.0' encoding='UTF-8'?>

<myaddresses>

<street>

<name>Italia</name>

<number>2164</number>

</street>

<area>

<zone>San Isidro</zone>

<name>Martinez</name>

</area>

</myaddresses>

Multi value selector in the dataweave using xml input payload

Input

<users>

<user>Mariano</user>

<user>Martin</user>

<user>Leandro</user>

</users>

Dataweave expression

%dw 2.0

output application/json

---

payload.users.\*user

output

[

"Mariano",

"Martin",

"Leandro"

]

Without using the selector

Input

<users>

<user>Mariano</user>

<user>Martin</user>

<user>Leandro</user>

</users>

Datawevae expression

%dw 2.0

output application/json

---

payload.users.user

output

"Mariano"

Input

<users>

<user>Mariano</user>

<user>Martin</user>

<user>Leandro</user>

</users>

Dataweave expression

%dw 2.0

output application/json

---

payload.users

output

{

"user": "Mariano",

"user": "Martin",

"user": "Leandro"

}

Note: selector value is converting into array format when we not suing the selector value in the dataweave it is showing object format

**Descendants Selector (..myKey)**

The .. selector acts on arrays and objects.

This selector applies to the context using the form ..myKey, and it retrieves the values of all matching key-value pairs in the sub-tree under the selected context. Regardless of the hierarchical structure of the fields, the output is returned at the same level.

In this example, all of the fields that match the key name are placed in a list called names regardless of their cardinality in the tree of the input data.

Input

{

"people": {

"person": {

"name": "Nial",

"address": {

"street": {

"name": "Italia",

"number": 2164

},

"area": {

"zone": "San Isidro",

"name": "Martinez"

}

}

}

}

}

Dataweave expression

%dw 2.0

output application/json

---

{ names: payload.people..name }

Output

{

"names": [

"Nial",

"Italia",

"Martinez"

]

}

Without using the **Descendants Selector (..myKey)**

**Input**

{

"people": {

"person": {

"name": "Nial",

"address": {

"street": {

"name": "Italia",

"number": 2164

},

"area": {

"zone": "San Isidro",

"name": "Martinez"

}

}

}

}

}

**Dataweave expression**

%dw 2.0

output application/json

---

{ names: payload.people.name }

**Output**

{

"names": null

}

## Key-Value Pair Selector (.&myKey)

## The & selector acts on arrays and objects. & retrieves both the keys and values of all matching keys pairs in the current context. These are returned as an object, containing the retrieved keys and values.

## Input

<?xml version='1.0' encoding='US-ASCII'?>

<users>

<user>Mariano</user>

<user>Martin</user>

<user>Leandro</user>

<admin>Admin</admin>

<admin>org\_owner</admin>

</users>

## Dataweave expression

%dw 2.0

output application/json

---

{

users: payload.users.&user

}

## Output

{

"users": {

"user": "Mariano",

"user": "Martin",

"user": "Leandro"

}

}

### Select All the Descendant Key-Value Pairs

This example uses the .. and & selectors in myVar.people..&name to select and return an array that contains all descendant objects from myData input that contain the key name. It also transforms the JSON input to XML output.

## Input

%dw 2.0

var myData = {

"people": {

"person": {

"name": "Nial",

"address": {

"street": {

"name": "Italia",

"number": 2164

},

"area": {

"zone": "San Isidro",

"name": "Martinez"

}

}

}

}

}

output application/xml

---

names: {(myData.people..&name)}

## output

<?xml version='1.0' encoding='UTF-8'?>

<names>

<name>Nial</name>

<name>Italia</name>

<name>Martinez</name>

</names>

## XML Attribute Selector ([.@myKey](mailto:.@myKey))

## Input

%dw 2.0

var myVar = read('<product id="1" type="electronic">

<brand>SomeBrand</brand>

</product>', 'application/xml')

output application/json

---

{

item: [

  {

"type" : myVar.product.@."type",

"name" : myVar.product.brand,

"attributes": myVar.product.@

}

]

}

## Output

{

"item": [

{

"type": "electronic",

"name": "SomeBrand",

"attributes": {

"id": "1",

"type": "electronic"

}

}

]

}

## Namespace Selector (#)

## Input

<?xml version="1.0" encoding="UTF-8"?>

<ns0:order xmlns:ns0="http://orders.company.com">

<name>Mark</name>

<items>42</items>

<orderdate>2017-01-04</orderdate>

</ns0:order>

## Dataweave expression

%dw 2.0

output application/json

---

payload.order.#

## output

"http://orders.company.com"

## Selector Modifiers (!, ?)

* ! evaluates the selection and fails with an exception message if the key is not present.
* ? returns true if the selected key is present, false if not. Note that ? is also used in [Filter Selectors (myKey[?($ == "aValue")])](https://docs.mulesoft.com/dataweave/latest/dataweave-cookbook-extract-data#filter_selectors).

### Assert Present Validator

! returns an error if any of the specified key is missing.

* { "name": "Annie" }.lastName! returns an error with the message, There is no key named 'lastName'.
* Without the !, { "name": "Annie" }.lastName returns null.
* When the key is present, { "name": "Annie" }.name! the result is "Annie".

### Key Present Validator

Returns true if the specified key is present in the object or as an attribute of an XML element.

This example returns true because the name key does exists.

## Input

## { "name": "Annie" }

## dataweave expression

%dw 2.0

**output** application/xml

---

## present: payload.name?

## output

<?xml version="1.0" encoding="UTF-8"?>

## <present>true</present>

## Filter Selectors (myKey[?($ == "aValue")])

myKey[?($ == "aValue")] returns only the values of matching keys within an array or object. Note that ? is also used in [Key Present Validator](https://docs.mulesoft.com/dataweave/latest/dataweave-cookbook-extract-data#key_present). If no key-value pairs match, the result is null.

The following example inputs the array of name keys returned by \*.name, then checks for name keys with the value "Mariano". It filters out any values that do not match. Note that the $ references the value of the selected key.

DataWeave Script:

%dw 2.0

**output** application/json

---

{ users: payload.users.\*name[?($ == "Mariano")] }

DATAWEAVE✓ Copied

Input XML Payload:

<users>

<name>Mariano</name>

<name>Luis</name>

<name>Mariano</name>

</users>

XML✓ Copied

Output JSON:

{

"users": [

"Mariano",

"Mariano"

]

}

JSON✓ Copied

The following example assumes the same [input](https://docs.mulesoft.com/dataweave/latest/dataweave-cookbook-extract-data#input_filter_selectors) and returns all the key-value pairs of the input because the expression ( 1 == 1 ) is true. Note that a false expression, such as ( 1 == 2 ), returns null.

DataWeave Script:

%dw 2.0

**output** application/json

---

{ users: payload.users.\*name[?( 1 == 1)] }

DATAWEAVE✓ Copied

Input XML Payload:

<users>

<name>Mariano</name>

<name>Luis</name>

<name>Mariano</name>

</users>

XML✓ Copied

Output JSON:

{

"users": [

"Mariano",

"Luis",

"Mariano"

]

}

JSON✓ Copied

The following example assumes the same [input](https://docs.mulesoft.com/dataweave/latest/dataweave-cookbook-extract-data#input_filter_selectors). It uses mapObject to iterate over the entire input object and return matching key-value pairs, filtering out any pairs that do not match.

DataWeave Script:

%dw 2.0

**output** application/json

---

payload mapObject { ($$) : $[?($=="Mariano")] }

DATAWEAVE✓ Copied

Input XML Payload:

<users>

<name>Mariano</name>

<name>Luis</name>

<name>Mariano</name>

</users>

XML✓ Copied

Output JSON:

{

"users": {

"name": "Mariano",

"name": "Mariano"

}

}

JSON✓ Copied

## How to convert all object keys into upper case

## Input

## {

## "books": [

## {

## "-category": "cooking",

## "title":"Everyday Italian",

## "author": "Giada De Laurentiis",

## "year": "2005",

## "price": "30.00"

## },

## {

## "-category": "children",

## "title": "Harry Potter",

## "author": "J K. Rowling",

## "year": "2005",

## "price": "29.99"

## },

## {

## "-category": "web",

## "title": "XQuery Kick Start",

## "author": [

## "James McGovern",

## "Per Bothner",

## "Kurt Cagle",

## "James Linn",

## "Vaidyanathan Nagarajan"

## ],

## "year": "2003",

## "price": "49.99"

## },

## {

## "-category": "web",

## "-cover": "paperback",

## "title": "Learning XML",

## "author": "Erik T. Ray",

## "year": "2003",

## "price": "39.95"

## }

## ]

## }

## Dataweave exppression

## %dw 2.0

## output application/json

## ---

## items: payload.books map (item, index) -> {

## book: item mapObject (value, key) -> {

## (upper(key)): value

## }

## }

## Output

## {

## "items": [

## {

## "book": {

## "-CATEGORY": "cooking",

## "TITLE": "Everyday Italian",

## "AUTHOR": "Giada De Laurentiis",

## "YEAR": "2005",

## "PRICE": "30.00"

## }

## },

## {

## "book": {

## "-CATEGORY": "children",

## "TITLE": "Harry Potter",

## "AUTHOR": "J K. Rowling",

## "YEAR": "2005",

## "PRICE": "29.99"

## }

## },

## {

## "book": {

## "-CATEGORY": "web",

## "TITLE": "XQuery Kick Start",

## "AUTHOR": [

## "James McGovern",

## "Per Bothner",

## "Kurt Cagle",

## "James Linn",

## "Vaidyanathan Nagarajan"

## ],

## "YEAR": "2003",

## "PRICE": "49.99"

## }

## },

## {

## "book": {

## "-CATEGORY": "web",

## "-COVER": "paperback",

## "TITLE": "Learning XML",

## "AUTHOR": "Erik T. Ray",

## "YEAR": "2003",

## "PRICE": "39.95"

## }

## }

## ]

## }

## How to change field names in the json object

## Input

{

"flights":[

{

"availableSeats":45,

"airlineName":"Ryan Air",

"aircraftBrand":"Boeing",

"aircraftType":"737",

"departureDate":"12/14/2017",

"origin":"BCN",

"destination":"FCO"

},

{

"availableSeats":15,

"airlineName":"Ryan Air",

"aircraftBrand":"Boeing",

"aircraftType":"747",

"departureDate":"08/03/2017",

"origin":"FCO",

"destination":"DFW"

}]

}

## Dataweave exppression

%dw 2.0

output application/json

fun renameKey(key) = key match {

case "availableSeats" -> "emptySeats"

case "airlineName" -> "airline"

else -> (key)

}

---

// payload.flights map (flight) -> {

// (flight mapObject (value, key) -> {

// (emptySeats: value) if(key as String == 'availableSeats'),

// (airline: value) if(key as String == 'airlineName'),

// ((key):value) if(key as String !='availableSeats' and key as String != 'airlineName')

// })

// }

payload.flights map (flight) ->

flight mapObject (value, key) -> {

(renameKey(key)) : value

}

## Output

[

{

"emptySeats": 45,

"airline": "Ryan Air",

"aircraftBrand": "Boeing",

"aircraftType": "737",

"departureDate": "12/14/2017",

"origin": "BCN",

"destination": "FCO"

},

{

"emptySeats": 15,

"airline": "Ryan Air",

"aircraftBrand": "Boeing",

"aircraftType": "747",

"departureDate": "08/03/2017",

"origin": "FCO",

"destination": "DFW"

}

]

## Follow this link

## [Rename JSON Keys | MuleSoft Documentation](https://docs.mulesoft.com/dataweave/latest/dataweave-cookbook-rename-keys)

## How to remove fields in the array

## Input

[

{

"Sr.No.": 1,

"FirstName": "Charles",

"LastName": "Lock",

"Age": 40,

"Team Name": "Scrum team 1",

"Role": "developer"

},

{

"Sr.No.": 2,

"FirstName": "Josh",

"LastName": "Rodriguez",

"Age": 45,

"Team Name": "architecture",

"Role": "SA"

},

{

"Sr.No.": 3,

"FirstName": "Josh",

"LastName": "Rodriguez",

"Age": 45,

"Team Name": "technology",

"Role": "advisor"

},

{

"Sr.No.": 4,

"FirstName": "Josh",

"LastName": "Rodriguez",

"Age": 35,

"Team Name": "development",

"Role": "developer"

},

{

"Sr.No.": 5,

"FirstName": "Jane",

"LastName": "Rodriguez",

"Age": 30,

"Team Name": "architecture",

"Role": "SA"

},

{

"Sr.No.": 6,

"FirstName": "Jane",

"LastName": "Rodriguez",

"Age": 30,

"Team Name": "Scrum team 1",

"Role": "developer"

},

{

"Sr.No.": 7,

"FirstName": "Josh",

"LastName": "Lee",

"Age": 42,

"Team Name": "Scrum team1",

"Role": "developer"

}

]

## Dataweave exppression

%dw 2.0

output application/json

---

payload map ($) - 'FirstName'

## output

[

{

"Sr.No.": 1,

"LastName": "Lock",

"Age": 40,

"Team Name": "Scrum team 1",

"Role": "developer"

},

{

"Sr.No.": 2,

"LastName": "Rodriguez",

"Age": 45,

"Team Name": "architecture",

"Role": "SA"

},

{

"Sr.No.": 3,

"LastName": "Rodriguez",

"Age": 45,

"Team Name": "technology",

"Role": "advisor"

},

{

"Sr.No.": 4,

"LastName": "Rodriguez",

"Age": 35,

"Team Name": "development",

"Role": "developer"

},

{

"Sr.No.": 5,

"LastName": "Rodriguez",

"Age": 30,

"Team Name": "architecture",

"Role": "SA"

},

{

"Sr.No.": 6,

"LastName": "Rodriguez",

"Age": 30,

"Team Name": "Scrum team 1",

"Role": "developer"

},

{

"Sr.No.": 7,

"LastName": "Lee",

"Age": 42,

"Team Name": "Scrum team1",

"Role": "developer"

}

]

# Remove Objects Containing Specified Key-Value Pairs

**Input**

**[**

**{"sequence": "1", "color": "red", "type": "primary", "space": "rgb"},**

**{"sequence": "2", "color": "green", "type": "primary", "space": "rgb"},**

**{"sequence": "3", "color": "blue", "type": "primary", "space": "rgb"},**

**{"sequence": "4", "color": "yellow", "type": "secondary", "space": "rgb"},**

**{"sequence": "5", "color": "magenta", "type": "secondary", "space": "rgb"},**

**{"sequence": "6", "color": "cyan", "type": "secondary", "space": "rgb"},**

**{"sequence": "7", "color": "cyan", "type": "primary", "space": "cmyk"},**

**{"sequence": "8", "color": "magenta", "type": "primary", "space": "cmyk"},**

**{"sequence": "9", "color": "yellow", "type": "primary", "space": "cmyk"},**

**{"sequence": "10", "color": "red", "type": "secondary", "space": "cmyk"},**

**{"sequence": "11", "color": "green", "type": "secondary", "space": "cmyk"},**

**{"sequence": "12", "color": "blue", "type": "secondary", "space": "cmyk"}**

**]**

**Dataweave expression**

%dw 2.0

**var** dropThese = [

{"type" : "secondary", "space" : "rgb"},

{"type" : "primary", "space" : "cmyk"}

]

**output** application/json

---

payload filter (not (dropThese contains {"type": $."type", "space": $."space"}))

output

**[**

**{**

**"sequence": "1",**

**"color": "red",**

**"type": "primary",**

**"space": "rgb"**

**},**

**{**

**"sequence": "2",**

**"color": "green",**

**"type": "primary",**

**"space": "rgb"**

**},**

**{**

**"sequence": "3",**

**"color": "blue",**

**"type": "primary",**

**"space": "rgb"**

**},**

**{**

**"sequence": "10",**

**"color": "red",**

**"type": "secondary",**

**"space": "cmyk"**

**},**

**{**

**"sequence": "11",**

**"color": "green",**

**"type": "secondary",**

**"space": "cmyk"**

**},**

**{**

**"sequence": "12",**

**"color": "blue",**

**"type": "secondary",**

**"space": "cmyk"**

**}**

**]**

Input

{ "tags": [

"tax-reform:Tax Reform",

"retail-health:Retail Health",

"tax-reform:Tax Reform"

] }

Dataweave expression

%dw 2.0

output application/json

---

"string": payload.tags reduce ((item, accumulator) -> (accumulator splitBy ":")[0] ++ "," ++ (item splitBy ":")[0] )

(or)

"string": payload.tags map substringBefore($, ":") joinBy ","

Output

{

"string": "tax-reform,retail-health,tax-reform"

}

Input

{

"results": [

{

"profile": {

"firstName": "john",

"lastName": "doe",

"email": "johndoe@demo.com"

},

"data": {

"interests": [

{

"language": "English",

"tags": [

"digital-strategy:Digital Strategy",

"innovation:Innovation"

],

"contenttypes": []

}

]

}

},

{

"profile": {

"firstName": "jane",

"lastName": "doe",

"email": "janedoe@demo.com"

},

"data": {

"interests": [

{

"language": "English",

"tags": [

"tax-reform:Tax Reform",

"retail-health:Retail Health"

],

"contenttypes": [

"News",

"Analysis",

"Case studies",

"Press releases"

]

}

]

}

}

],

"objectsCount": 2,

"totalCount": 2,

"statusCode": 200,

"errorCode": 0,

"statusReason": "OK"

}

Dataweave expression

%dw 2.0

output application/json

fun reduceMapFor(data) = log(data reduce (($$ splitBy ":")[0] ++ "," ++ ($ splitBy ":")[0]))

---

payload.results map() ->

{

email: $.profile.email,

name: $.profile.firstName,

tags: reduceMapFor($.data.interests.tags[0]),

(contenttypes: reduceMapFor($.data.interests.contenttypes[0])) if(sizeOf($.data.interests.contenttypes[0]) > 0)

}

Output

[

{

"email": "johndoe@demo.com",

"name": "john",

"tags": "digital-strategy,innovation"

},

{

"email": "janedoe@demo.com",

"name": "jane",

"tags": "tax-reform,retail-health",

"contenttypes": "News,Analysis,Case studies,Press releases"

}

]

How to convert uppers case to lower case fields in the json

Input

<CATALOG>

<CD>

<TITLE>Empire Burlesque</TITLE>

<ARTIST>Bob Dylan</ARTIST>

<COUNTRY>USA</COUNTRY>

<COMPANY>Columbia</COMPANY>

<PRICE>10.90</PRICE>

<YEAR>1985</YEAR>

</CD>

<CD>

<TITLE>Hide your heart</TITLE>

<ARTIST>Bonnie Tyler</ARTIST>

<COUNTRY>UK</COUNTRY>

<COMPANY>CBS Records</COMPANY>

<PRICE>9.90</PRICE>

<YEAR>1988</YEAR>

</CD>

</CATALOG>

Dataweave expression

%dw 2.0

///import \* from dw::core::Strings

output application/json

---

payload.\*CATALOG.\*CD map ((item, index) -> item mapObject ((value, key, index) -> {

(lower(key)) : value

}))

Output

[

{

"title": "Empire Burlesque",

"artist": "Bob Dylan",

"country": "USA",

"company": "Columbia",

"price": "10.90",

"year": "1985"

},

{

"title": "Hide your heart",

"artist": "Bonnie Tyler",

"country": "UK",

"company": "CBS Records",

"price": "9.90",

"year": "1988"

}

]

How to convert upper case fields into lower case field in the xml

Input

<CATALOG>

<CD>

<TITLE>Empire Burlesque</TITLE>

<ARTIST>Bob Dylan</ARTIST>

<COUNTRY>USA</COUNTRY>

<COMPANY>Columbia</COMPANY>

<PRICE>10.90</PRICE>

<YEAR>1985</YEAR>

</CD>

<CD>

<TITLE>Hide your heart</TITLE>

<ARTIST>Bonnie Tyler</ARTIST>

<COUNTRY>UK</COUNTRY>

<COMPANY>CBS Records</COMPANY>

<PRICE>9.90</PRICE>

<YEAR>1988</YEAR>

</CD>

</CATALOG>

Dataweave expression

%dw 2.0

///import \* from dw::core::Strings

output application/json

fun applyToKeys(element, func) =

if (element is Object)

element mapObject (value, key) -> {

(func(key)) : applyToKeys( value, func)

}

else element

---

applyToKeys(payload, (key) -> lower(key))

output

{

"catalog": {

"cd": {

"title": "Empire Burlesque",

"artist": "Bob Dylan",

"country": "USA",

"company": "Columbia",

"price": "10.90",

"year": "1985"

},

"cd": {

"title": "Hide your heart",

"artist": "Bonnie Tyler",

"country": "UK",

"company": "CBS Records",

"price": "9.90",

"year": "1988"

}

}

}

How to delete duplicate keys in the xml

Input

<order>

<product-lineitems>

<product-lineitem>

<net-price>100.0</net-price>

</product-lineitem>

<product-lineitem>

<net-price>498.00</net-price>

</product-lineitem>

</product-lineitems>

</order>

Dataweave expression

%dw 2.0

output application/json duplicateKeyAsArray=true

---

Payload

Output

{

"order": {

"product-lineitems": {

"product-lineitem": [

{

"net-price": "100.0"

},

{

"net-price": "498.00"

}

]

}

}

}

Dataweave function with reduce

Input

{

"results": [

{

"profile": {

"firstName": "john",

"lastName": "doe",

"email": "johndoe@demo.com"

},

"data": {

"interests": [

{

"language": "English",

"tags": [

"digital-strategy:Digital Strategy",

"innovation:Innovation"

],

"contenttypes": []

}

]

}

},

{

"profile": {

"firstName": "jane",

"lastName": "doe",

"email": "janedoe@demo.com"

},

"data": {

"interests": [

{

"language": "English",

"tags": [

"tax-reform:Tax Reform",

"retail-health:Retail Health"

],

"contenttypes": [

"News",

"Analysis",

"Case studies",

"Press releases"

]

}

]

}

}

],

"objectsCount": 2,

"totalCount": 2,

"statusCode": 200,

"errorCode": 0,

"statusReason": "OK"

}

Dataweave expression

%dw 2.0

output application/json

fun reduceMapFor(data) = data reduce(($$ splitBy ":")[0] ++ "," ++ ($ splitBy ":")[0])

---

payload.results map

{

email: $.profile.email,

name: $.profile.firstName,

tags: reduceMapFor($.data.interests.tags[0]),

(contenttypes: reduceMapFor($.data.interests.contenttypes[0])) if (sizeOf($.data.interests.contenttypes[0]) > 0)

}

Output

[

{

"email": "johndoe@demo.com",

"name": "john",

"tags": "digital-strategy,innovation"

},

{

"email": "janedoe@demo.com",

"name": "jane",

"tags": "tax-reform,retail-health",

"contenttypes": "News,Analysis,Case studies,Press releases"

}

]

By using of filter

Input

%dw 2.0

var myVar = [

{ bookId: 101,

title: "world history",

price: "19.99"

},

{

bookId: 202,

title: 'the great outdoors',

price: "15.99"

}

]

var myVar2 = [

{

bookId: 101,

author: "john doe"

},

{

bookId: 202,

author: "jane doe"

}

]

output application/json

---

myVar map (item, index) -> using (id = item.bookId) {

    "id" : id,

    "topic" : item.title,

    "cost" : item.price as Number,

    (myVar2 filter ($.\*bookId contains id) map (item) -> {

        author : item.author

    })

}

Output

[

{

"id": 101,

"topic": "world history",

"cost": 19.99,

"author": "john doe"

},

{

"id": 202,

"topic": "the great outdoors",

"cost": 15.99,

"author": "jane doe"

}

]

Dataweave expression by using of filter , orderBy and groupBy

--------------------------------’

Input

[

{ "toAirport": "SFO", "price": 550, "airline": "American" },

{ "toAirport": "MUA", "price": 200, "airline": "American" },

{ "toAirport": "SFO", "price": 300, "airline": "American" },

{ "toAirport": "CLE", "price": 600, "airline": "American" },

{ "toAirport": "CLE", "price": 190, "airline": "American" },

{ "toAirport": "SFO", "price": 400, "airline": "American" }

]

Dataweave expression

%dw 2.0

output application/json

---

//payload filter $.price < 500 orderBy $.price groupBy $.toAirport

( ( ( payload filter $.price < 500 ) orderBy $.price ) groupBy $.toAirport )

Output

{

"CLE": [

{

"toAirport": "CLE",

"price": 190,

"airline": "American"

}

],

"MUA": [

{

"toAirport": "MUA",

"price": 200,

"airline": "American"

}

],

"SFO": [

{

"toAirport": "SFO",

"price": 300,

"airline": "American"

},

{

"toAirport": "SFO",

"price": 400,

"airline": "American"

}

]

}

Testing mock service in the anypoint platform

The testing the mock api with using of queryParams this values are specified are not specified in the mock api it’s working while putting required true also

Cause

* In RAML 1.0, by default, every property is required, so that you don't have to manually specify it.
* It doesn't throw the error though its under required property, is because empty strings are valid for required properties.

Solution

----------

If you want to return an error for empty strings, you have to add a pattern, otherwise, the service will return success.  
Under the queryParameter you need to add a Pattern, For Eg. pattern: (?!$).+ (for only type is string)  
  
In this Example we have testCode in queryParameter and passing a pattern: (?!$).+ and while mocking the service we are passing blank value for testCode  
and its returning: **400 Bad Request "code": "REQUEST\_VALIDATION\_ERROR",**

**Before using pattern what we are getting response(success response we getting every time)**

#%RAML 1.0 Trait

queryParameters:

  branchId:

    type: number

    displayName: branch Id

  mfg:

    type: string

    displayName: Manufacturer

  mfgItem:

    type: string

    displayName: Manufacturer Item

  lat:

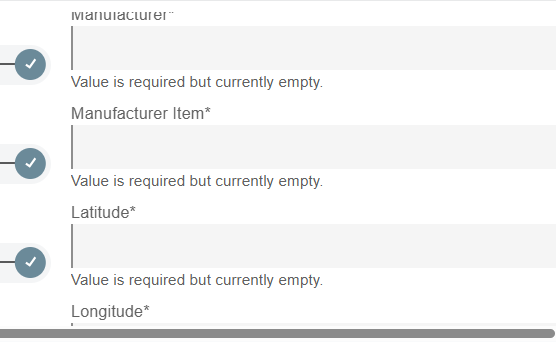
    type: string

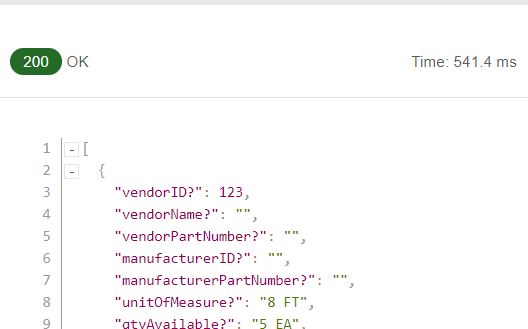
    displayName: Latitude

  long:

    type: string

    displayName: Longitude

****

****

**after using pattern what we are getting response(error response we getting every time)**

**with out passing the value for param meter**

#%RAML 1.0 Trait

queryParameters:

  branchId:

    type: number

    displayName: branch Id

  mfg:

    type: string

    displayName: Manufacturer

    pattern: (?!$).+

  mfgItem:

    type: string

    displayName: Manufacturer Item

    pattern: (?!$).+

  lat:

    type: string

    displayName: Latitude

    pattern: (?!$).+

  long:

    type: string

    displayName: Longitude

    pattern: (?!$).+

For clarification follow this link

<https://help.salesforce.com/s/articleView?id=001122079&type=1>

client\_id and client\_secret

headers:

  client\_id:

    description: client id

    type: string

    pattern: ^[a-zA-Z0-9]{32}$

  client\_secret:

    description: client secret

    type: string

    pattern: ^[a-zA-Z0-9]{32}$

&amp;

Xml response

com">Jillamy Consolidated Parent : Jillamy Packaging & Warehouse</ns02:name>

regarding this & simple u will get error response in the dataweave conversion

**OUTPUT**

**JSON**

Unexpected character ' ' (code 32) (missing name?)

at [row,col {unknown-source}]: [14,123]

use this &amp; Simbel u will get correct response

com">Jillamy Consolidated Parent : Jillamy Packaging &amp; Warehouse</ns02:name>

errorNameSpaces

[{

"errorType": "HTTP:BAD\_REQUEST",

"statusCode": "400"

},{

"errorType": "HTTP:NOT\_FOUND",

"statusCode": "404"

},{

"errorType": "HTTP:UNAUTHORIZED",

"statusCode": "401"

},

{

"errorType": "HTTP:CONNECTIVITY",

"statusCode": "400"

},

{

"errorType": "HTTP:FORBIDDEN",

"statusCode": "403"

},

{

"errorType": "HTTP:METHOD\_NOT\_ALLOWED",

"statusCode": "405"

},

{

"errorType": "HTTP:NOT\_ACCEPTABLE",

"statusCode": "406"

}

,

{

"errorType": "HTTP:TIMEOUT",

"statusCode": "408"

},

{

"errorType": "HTTP:UNSUPPORTED\_MEDIA\_TYPE",

"statusCode": "415"

},

{

"errorType": "HTTP:TOO\_MANY\_REQUESTS",

"statusCode": "429"

},

{

"errorType": "HTTP:INTERNAL\_SERVER\_ERROR",

"statusCode": "500"

},

{

"errorType": "HTTP:BAD\_GATEWAY",

"statusCode": "502"

},

{

"errorType": "HTTP:SERVICE\_UNAVAILABLE",

"statusCode": "503"

},

{

"errorType": "HTTP:GATEWAY\_TIMEOUT",

"statusCode": "504"

} ,

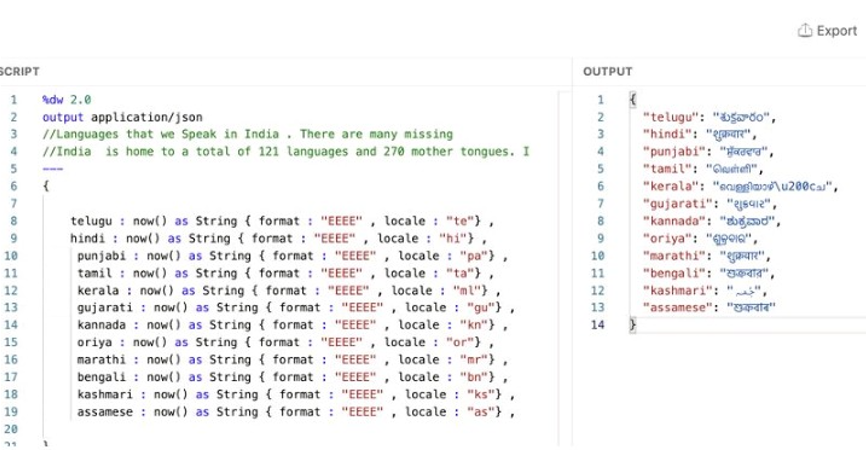
{

"errorType": "HTTP:PARSING",

"statusCode": "400"

}]

New dataweave code for dates



How to find longitude and latitude

Input

[

{"lat1": 48.9, "lon1": -121.08, "lat2": 29.55548640071015, "lon2": -95.63469186646685, "distance\_km": 11155.365},

{"lat1": 34.6832, "lon1": -88.8219, "lat2": 29.55548640071015, "lon2": -95.63469186646685, "distance\_km": 13867.694},

{"lat1": 42.7261, "lon1": -91.1884, "lat2": 29.55548640071015, "lon2": -95.63469186646685, "distance\_km": 12424.236},

{"lat1": 43.9209, "lon1": -94.0008, "lat2": 29.55548640071015, "lon2": -95.63469186646685, "distance\_km": 11642.422},

{"lat1": 39.2094, "lon1": -90.4941, "lat2": 29.55548640071015, "lon2": -95.63469186646685, "distance\_km": 11179.155},

{"lat1": 41.3368, "lon1": -84.403, "lat2": 29.55548640071015, "lon2": -95.63469186646685, "distance\_km": 13177.95},

{"lat1": 44.979, "lon1": -89.0988, "lat2": 29.55548640071015, "lon2": -95.63469186646685, "distance\_km": 12089.754},

{"lat1": 38.0301, "lon1": -85.822, "lat2": 29.55548640071015, "lon2": -95.63469186646685, "distance\_km": 13401.768},

{"lat1": 47.1056, "lon1": -89.5351, "lat2": 29.55548640071015, "lon2": -95.63469186646685, "distance\_km": 11674.594},

{"lat1": 33.9653, "lon1": -87.1354, "lat2": 29.55548640071015, "lon2": -95.63469186646685, "distance\_km": 13928.587},

{"lat1": 35.7761, "lon1": -85.8531, "lat2": 29.55548640071015, "lon2": -95.63469186646685, "distance\_km": 13684.262},

{"lat1": 33.8301, "lon1": -83.613, "lat2": 29.55548640071015, "lon2": -95.63469186646685, "distance\_km": 14075.394},

{"lat1": 45.7461, "lon1": -87.062, "lat2": 29.55548640071015, "lon2": -95.63469186646685, "distance\_km": 12150.191},

{"lat1": 38.749, "lon1": -81.319, "lat2": 29.55548640071015, "lon2": -95.63469186646685, "distance\_km": 13873.765},

{"lat1": 47.1994, "lon1": -85.2152, "lat2": 29.55548640071015, "lon2": -95.63469186646685, "distance\_km": 11759.443},

{"lat1": 39.9724, "lon1": -86.2951, "lat2": 29.55548640071015, "lon2": -95.63469186646685, "distance\_km": 13427.988},

{"lat1": 35.8413, "lon1": -88.9657, "lat2": 29.55548640071015, "lon2": -95.63469186646685, "distance\_km": 13324.245},

{"lat1": 39.4853, "lon1": -89.7145, "lat2": 29.55548640071015, "lon2": -95.63469186646685, "distance\_km": 13134.625},

{"lat1": 41.3739, "lon1": -85.018, "lat2": 29.55548640071015, "lon2": -95.63469186646685, "distance\_km": 13246.028},

{"lat1": 38.8718, "lon1": -85.7522, "lat2": 29.55548640071015, "lon2": -95.63469186646685, "distance\_km": 13521.855},

{"lat1": 45.1984, "lon1": -89.6844, "lat2": 29.55548640071015, "lon2": -95.63469186646685, "distance\_km": 12094.737},

{"lat1": 35.2744, "lon1": -89.8883, "lat2": 29.55548640071015, "lon2": -95.63469186646685, "distance\_km": 13441.554},

{"lat1": 34.3361, "lon1": -83.9982, "lat2": 29.55548640071015, "lon2": -95.63469186646685, "distance\_km": 14037.991},

{"lat1": 33.411, "lon1": -84.516, "lat2": 29.55548640071015, "lon2": -95.63469186646685, "distance\_km": 14069.084},

{"lat1": 39.1594, "lon1": -85.4133, "lat2": 29.55548640071015, "lon2": -95.63469186646685, "distance\_km": 13582.961},

{"lat1": 39.2798, "lon1": -83.0165, "lat2": 29.55548640071015, "lon2": -95.63469186646685, "distance\_km": 14178.585},

{"lat1": 42.7675, "lon1": -89.4167, "lat2": 29.55548640071015, "lon2": -95.63469186646685, "distance\_km": 12363.849},

{"lat1": 41.5764, "lon1": -84.1229, "lat2": 29.55548640071015, "lon2": -95.63469186646685, "distance\_km": 13192.116},

{"lat1": 35.2425, "lon1": -86.862, "lat2": 29.55548640071015, "lon2": -95.63469186646685, "distance\_km": 13714.36},

{"lat1": 33.7298, "lon1": -84.9188, "lat2": 29.55548640071015, "lon2": -95.63469186646685, "distance\_km": 13995.578},

{"lat1": 40.7733, "lon1": -81.5035, "lat2": 29.55548640071015, "lon2": -95.63469186646685, "distance\_km": 13748.349},

{"lat1": 40.7282, "lon1": -84.1218, "lat2": 29.55548640071015, "lon2": -95.63469186646685, "distance\_km": 13414.888},

{"lat1": 38.3032, "lon1": -85.5766, "lat2": 29.55548640071015, "lon2": -95.63469186646685, "distance\_km": 13539.67},

{"lat1": 42.1584, "lon1": -84.468, "lat2": 29.55548640071015, "lon2": -95.63469186646685, "distance\_km": 12919.885},

{"lat1": 44.3001, "lon1": -89.659, "lat2": 29.55548640071015, "lon2": -95.63469186646685, "distance\_km": 12076.797},

{"lat1": 40.637, "lon1": -84.358, "lat2": 29.55548640071015, "lon2": -95.63469186646685, "distance\_km": 13462.207},

{"lat1": 33.035, "lon1": -83.9325, "lat2": 29.55548640071015, "lon2": -95.63469186646685, "distance\_km": 14204.116},

{"lat1": 46.8178, "lon1": -92.0826, "lat2": 29.55548640071015, "lon2": -95.63469186646685, "distance\_km": 11460.137},

{"lat1": 46.7296, "lon1": -92.4506, "lat2": 29.55548640071015, "lon2": -95.63469186646685, "distance\_km": 11419.093},

{"lat1": 42.4426, "lon1": -91.0666, "lat2": 29.55548640071015, "lon2": -95.63469186646685, "distance\_km": 12472.39},

{"lat1": 34.6844, "lon1": -86.6221, "lat2": 29.55548640071015, "lon2": -95.63469186646685, "distance\_km": 13675.63},

{"lat1": 35.7074, "lon1": -88.9814, "lat2": 29.55548640071015, "lon2": -95.63469186646685, "distance\_km": 13302.005},

{"lat1": 47.4736, "lon1": -92.5129, "lat2": 29.55548640071015, "lon2": -95.63469186646685, "distance\_km": 11427.327},

{"lat1": 37.6719, "lon1": -84.6508, "lat2": 29.55548640071015, "lon2": -95.63469186646685, "distance\_km": 13491.071},

{"lat1": 41.3969, "lon1": -85.0891, "lat2": 29.55548640071015, "lon2": -95.63469186646685, "distance\_km": 13233.926},

{"lat1": 45.0129, "lon1": -87.9212, "lat2": 29.55548640071015, "lon2": -95.63469186646685, "distance\_km": 12139.78},

{"lat1": 39.0858, "lon1": -85.2541, "lat2": 29.55548640071015, "lon2": -95.63469186646685, "distance\_km": 13578.878},

{"lat1": 33.8095, "lon1": -87.4477, "lat2": 29.55548640071015, "lon2": -95.63469186646685, "distance\_km": 13930.712},

{"lat1": 36.2004, "lon1": -84.1536, "lat2": 29.55548640071015, "lon2": -95.63469186646685, "distance\_km": 13783.575},

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Dataweave expression

%dw 2.0

output application/json

import \* from dw::util::Math

fun haversine(lat1: Number, lon1: Number, lat2: Number, lon2: Number, mileageFlag) =

distance(mileageFlag, 2 \* squareOfFormula(lat1, lon1, lat2, lon2) )

fun squareOfFormula(lat1: Number, lon1: Number, lat2: Number, lon2: Number) =

asin(sqrt(distanceFormula(lat1, lon1, lat2, lon2)))

fun distanceFormula(lat1: Number, lon1: Number, lat2: Number, lon2: Number): Number =

(sin( toRadians(lat2 - lat1) /2) pow 2) +

(sin (toRadians(lon2 - lon1)/2) pow 2) \*

cos(toRadians(lat1)) \*

cos(toRadians(lat2))

fun distance(milesOrKilo, c) = if (milesOrKilo == "m") (3958.8 \* c) else (6371 \* c)

//fun simpleformula(lat1: Number, lon1: Number, lat2: Number, lon2: Number): Number =

// acos(sin(lat1))

//((sin(toRadians(lat1)) \* sin(toRadians(lat2))) + (cos(toRadians(lat1)) \* cos(toRadians(lat2))) \* (cos(toRadians(lon2) - toRadians(lon1))))

---

payload map ((item, index) ->

{

i: index,

mileage: haversine (item.lat1, item.lon1, item.lat2, item.lon2, "m"),

kilometers: haversine (item.lat1, item.lon1, item.lat2, item.lon2, "k"),

// chatk: item.distance\_km,

}

)

//lon1 of -122.4194 returns a null in the squareofformula

Output

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With out application json or xml etc in the dataweave

Input and dataweave exppression

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Output

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