5. Multiple ubl-invoices in Json call response, array

4dec21, From: Sehgal, G. (Gunjan) <Gunjan.Sehgal@frieslandcampina.com> To: Hoogenberg, J. (Jan) <Jan.Hoogenberg@frieslandcampina.com>

Subject: Regarding UBL!

HI Jan, I made the correction and there are few things to be highlighted:

1) I have used below URL:
   https://a4o.frieslandcampina.com:1443/RESTAdapter/EDairy/locations/nl.ftn/001200012/UBLInvoices?start-date-time=2021-02-01T00:00:00Z&end-date-time=2021-04-30T23:59:59Z

2) For this PFA the output just before it goes to JDH.

3) It has 2 invoices, but in the output you see just one as in the structure they provided 1..1 occurrence for invoice:

   Which ideally should not be the case as in total 2 invoice should be passed to JDH in this case.

4) Please check the attached payload, if all the values looks ok to you, we need to connect with Conny to modify the structure again, then shall modify the final mapping.

9dec21: Van: Hoogenberg, J. (Jan) <Jan.Hoogenberg@frieslandcampina.com> Aan: c.graumans@chello.nl

Onderwerp: RE: Regarding UBL!

Conny, Mbt de UBL factuur, ik liep er tegenaan dat bij meerdere facturen in dezelfde periode dit fout ging. Nu heb ik Gunjan gevraagd dit aan te passen alleen geeft zij aan dat dit niet conform de spec is. Wellicht even overleggen hoe hier mee verder te gaan.

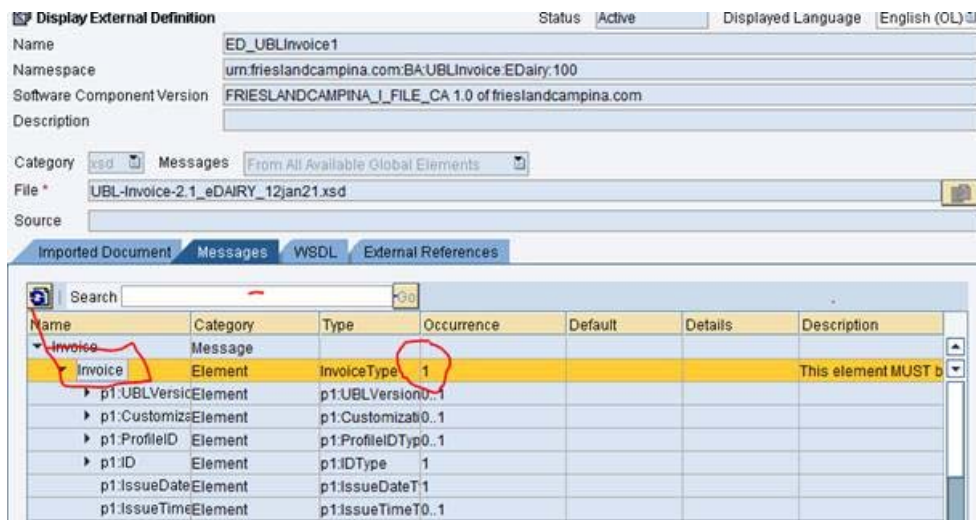10dec21: Analyse door Conny Graumans an Jan Hoogenberg

Zie niet waarom de UBL-invoice specs hierop aangepast zouden moeten worden? Iedere invoice heeft zijn eigen invoice-nummer en is uniek. Als response op een call om de invoices voor een periode aan te leveren kunnen dus meerdere invoices worden geretourneerd. Als dit niet goed werkt dan zit het probleem wellicht in de response call waarin is vastgelegd dat maar één invoice mag worden geretourneerd maar dat ligt buiten de specs van de UBL-invoice, dat is vastgelegd in de specificatie van de REST Json call. Of mis ik iets?

23dec21: From: Sehgal, G. (Gunjan) <Gunjan.Sehgal@frieslandcampina.com>

Sent: donderdag 23 december 2021 18:52 To: Hoogenberg, J. (Jan) <Jan.Hoogenberg@frieslandcampina.com> Subject: UBL Invoice Issue with mutiple invoice!

Hello Jan, I checked and this has to be fixed at Conny's side:

This xsd was provided to us, which has occurrence of Invoice at root level 1. Hence always 1 invoice is passed to JDH. If this occurrence can be changed to 0. Unbounded. Then multiple invoices can be passed to third party as well.
Attaching the payload just before it goes to JDH. It has two invoices for 0092529397 and 0092540200
While the one passing to JDH is only for : 0092529397 (PFA the payload to JDH). Hope this helps.
I am available for a discussion with Conny to explain him better. Kindly do let me know.

24dec21:
Good morning, Jan, Gunjan, Gijs,
Concerning the multiple eDAIRY xml ubl-invoices in the response to the JoinData REST Json request.

@Gunjan: The xsd (UBL-Invoice-2.1_eDAIRY_12jan21.xsd) you refer to, indeed specifies the structure of one xml ubl-invoice. This xsd is based on the global standard ubl-invoice xsd that also provides the specification of a single ubl-invoice. That is what it is and cannot be altered.
The way you incorporate multiple invoices in one response to a requests should be specified in the API protocol that is implemented; the way this array of ubl-invoices is incorporated in de response, depends on the API protocol used and will differ for SOAP, FTPs, REST Json.
So, there is a clear distinction between the specification of the single xml ubl-invoice (UBL-Invoice-2.1_eDAIRY_12jan21.xsd specification by AgroConnect) and the specifications of the protocol used to exchange these invoices (there specifications should be made available by JoinData).
Since in the use case with FrieslandCampina, the API calls are routed through the JoinData platform, I suppose a REST Json API protocol is used to exchange the xml ubl-invoices.

@Gijs: It is up to Join Data to deliver the specifications of how the multiple xml ubl-invoices should be incorporated in the JoinData REST Jason post or get calls.
In case RFC needs to post the xml ubl-invoices to the JoinData platform, the multiple invoices will probably need to be reported as an Json array, using square brackets, etc. The same goes for a response to a REST Json get call.
@Gijs: how would you like to see multiple xml ubl-invoices reported in the post or get REST Json call via JoinData; could you provide a specification and an example?
Please let me know if I'm wrong about this and if you don't agree.
Kind regards, Conny Graumans, AgroConnect, +31 6 43038612

24dec21: Van: Sehgal, G. (Gunjan) <Gunjan.Sehgal@frieslandcampina.com>
Aan: c.graumans@chello.nl; Hoogenberg, J. (Jan) <Jan.Hoogenberg@frieslandcampina.com>
CC: Gijs Nijman (JoinData) <Gijs@join-data.nl>
Onderwerp: RE: UBL Invoice Issue with mutiple invoice!
Hello Conny, So if I understand the mail correctly the xsd you provided is only for single ubl invoice, for multiple we need specification from JDH as what they are expecting and in json or xml format?
Ok then I wait for response from Gijs. Thanks so far and Merry Christmas and great 2022

26dec21: Van: c.graumans@chello.nl <c.graumans@chello.nl>
Aan: 'Sehgal, G. (Gunjan)' <Gunjan.Sehgal@frieslandcampina.com>; 'Hoogenberg, J. (Jan)' <Jan.Hoogenberg@frieslandcampina.com>
Indeed, that is how I see it Gunjan.

6jan22: Van: Hoogenberg, J. (Jan) <Jan.Hoogenberg@frieslandcampina.com>
Aan: Jan Herrygers <JHerrygers@vaa.com>; c.graumans@chello.nl
CC: 'Johan Fiddelaar' <johan@join-data.nl>; 'Renze van de Kuilen' <Renze@join-data.nl>; Jack Scheepens <JScheepens@vaa.com>; 'Gijs Nijman' <Gijs@join-data.nl>
Voor het aanleveren van meerdere facturen in één bericht wacht ik even op JoinData mbt het format dat we moeten aanleveren, voor jou informatie wij leveren een XML aan bij JoinData en zij zetten er een json schil omheen. Ik denk dat de json schil straks bij ons er om heen moet en er een array met facturen in de json komt. Maar ik wacht hier nog op input van JoinData, zij zullen dit met prio oppakken.

Status 7jan22: In behandeling.