

OrderList 21.3

Implementation guide

- [Interface Overview](#)
 - [Description](#)
 - [Current scope](#)
 - [Out of scope](#)
 - [Sequence diagram](#)
- [Building a query: OrderListRQ](#)
 - [DistributionChain](#)
 - [POS](#)
 - [Request](#)
- [Receiving a reply: OrderListRS](#)
 - [MatchedOrder](#)
 - [Errors](#)
- [Examples](#)
 - [Query](#)
 - [Reply](#)
- [Legal disclaimer](#)

Interface Overview

Description

With order list, airline partners can retrieve the list of orders based on search criteria. This service aims to give a simple way for airline partners to retrieve order when they do not the orderId as reference.

Current scope

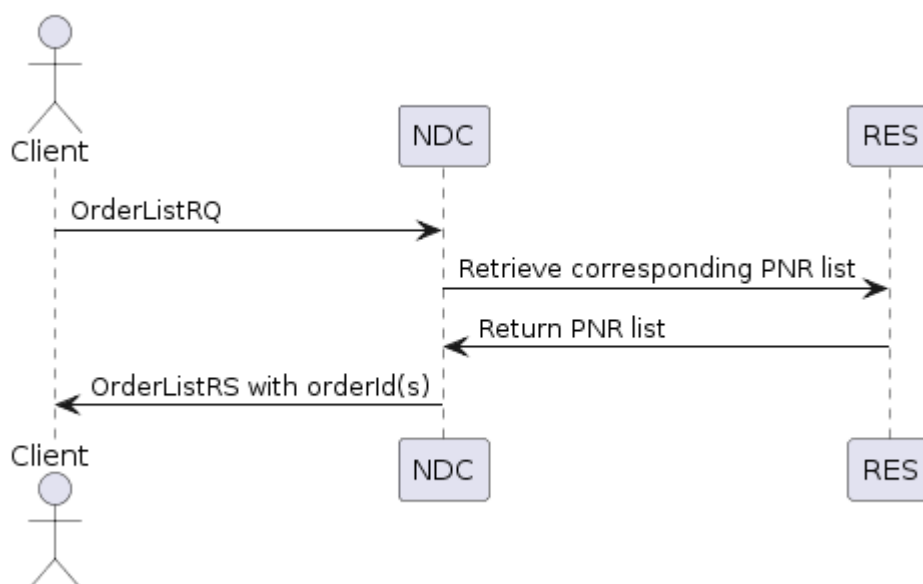
Order list supports to different search criteria:

- search by passenger name
- search based on seller identification (from DistributionChain node)

Out of scope

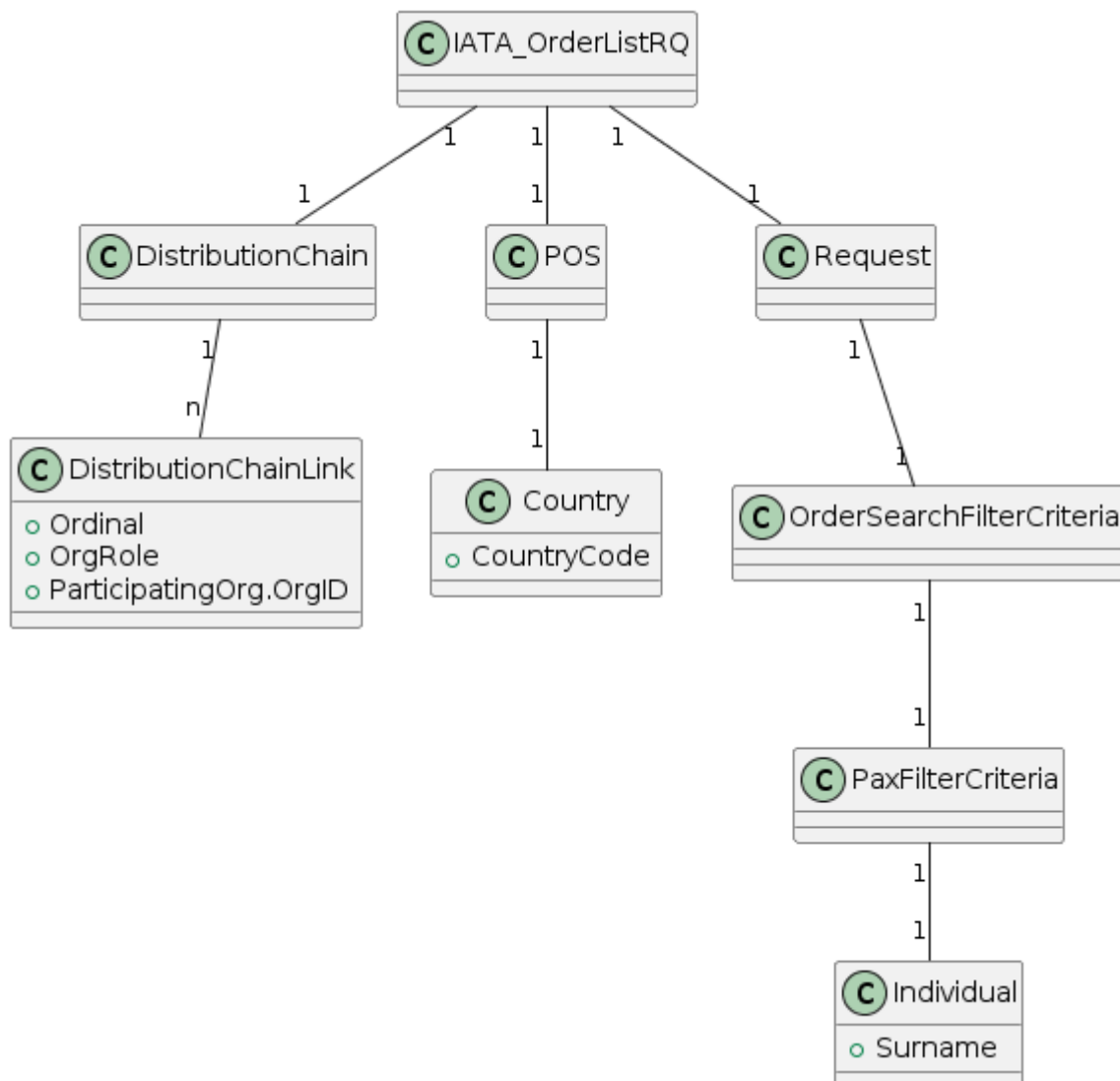
Other type of search is not yet supported

Sequence diagram



Building a query: OrderListRQ

This section describes the implementation of the input message based on the **NDC schema version 21.3**. Class diagram describing the *OrderListRQ* xml:



DistributionChain

The following data has to be provided in input of the service

Designation	Repetition	Status	Location	Comments
Ordinal	1	M	/DistributionChain/DistributionChainLink/Ordinal	
Org role	1	M	/DistributionChain/DistributionChainLink/OrgRole	can be: - Carrier - Distributor - Seller

Designation	Repetition	Status	Location	Comments
Org ID	1	M	/DistributionChain/DistributionChainLink/ParticipatingOrg/OrgID	
PCC	1	O	/DistributionChain/DistributionChainLink/SalesBranch/SalesBranchID	

```

<DistributionChain>
  <DistributionChainLink>
    <Ordinal>1</Ordinal>
    <OrgRole>Seller</OrgRole>
    <ParticipatingOrg>
      <OrgID>12345678</OrgID>
    </ParticipatingOrg>
  </DistributionChainLink>
  <DistributionChainLink>
    <Ordinal>2</Ordinal>
    <OrgRole>Distributor</OrgRole>
    <ParticipatingOrg>
      <OrgID>1A</OrgID>
    </ParticipatingOrg>
  </DistributionChainLink>
  <DistributionChainLink>
    <Ordinal>3</Ordinal>
    <OrgRole>Carrier</OrgRole>
    <ParticipatingOrg>
      <OrgID>6X</OrgID>
    </ParticipatingOrg>
  </DistributionChainLink>
</DistributionChain>

```

POS

The following data has to be provided in input of the service:

Designation	Repetition	Status	Location	Comments
Country code	1	M	/POS/Country/CountryCode	

Request

The following data has to be provided in input of the service:

Designation	Repetition	Status	Location	Comments
OrderSearch Filter Criteria	1	M	/Request/OrderSearchFilterCriteria	
Surname	1	O	/Request/OrderSearchFilterCriteria/PaxFilterCriteria/Individual/Surname	

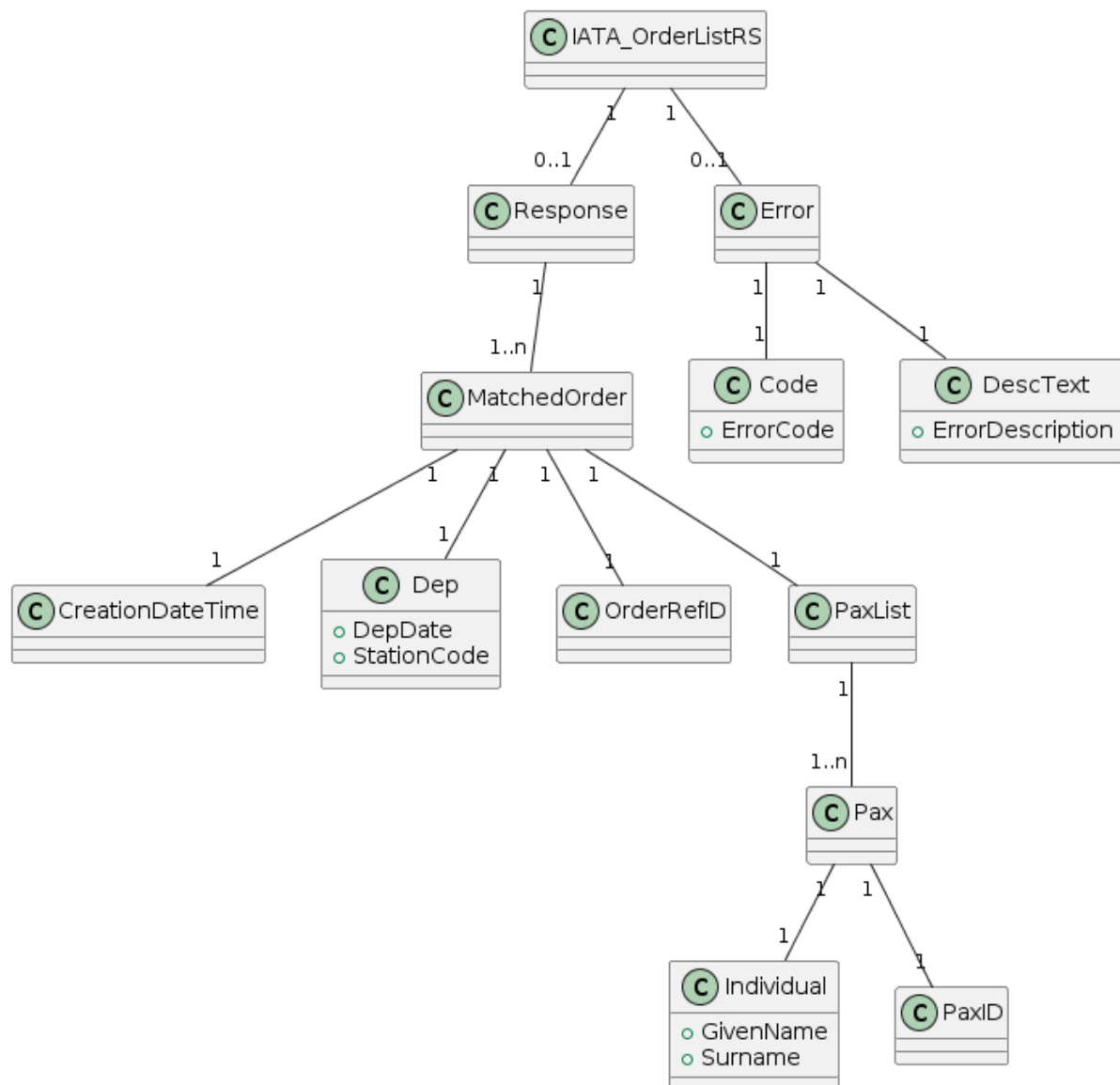
```

<Request
  xmlns="http://www.iata.org/IATA/2015/EASD/00/IATA_OffersAndOrdersMessage">
  <OrderSearchFilterCriteria>
    <PaxFilterCriteria>
      <Individual>
        <Surname>SMITH</Surname>
      </Individual>
    </PaxFilterCriteria>
  </OrderSearchFilterCriteria>
</Request>

```

Receiving a reply: OrderListRS

This section describes the implementation of the input message based on the NDC schema version 21.3.



MatchedOrder

This field indicates if transaction is successfully completed.

Designation	Repetition	Status	Location	Comments
Order	1..n	O	/Response/MatchedOrder	
Creation date	1	M	#/CreationDateTime	
Departure date	1	M	#/Dep/DepDate	Departure date of first segment in order

Designation	Repetition	Status	Location	Comments
Departure location	1	M	#/Dep/StationCode	
OrderId	1	M	#/OrderRefID	
Pax	1	M	#/PaxList/Pax	Only the first PAX from the order will be returned in PAXList
Given name	1	M	#/PaxList/Pax/Individual/GivenName	
Surname	1	M	#/PaxList/Pax/Individual/Surname	
Pax ID	1	M	#/PaxList/Pax/PaxID	

Errors

If a blocking error occurs during the process, the error structure is returned in response:

Designation	Repetition	Status	Location	Comments
Error element	1	M	/Error	
Error code	1	M	#/Code	
Error message	1	M	#/DescText	
Error message language code	1	M	#/LangCode	
Error type code	1	M	#/TypeCode	

Example:

```
<IATA_OrderListRS>
  <Error>
    <Code>911</Code>
    <DescText>NO ORDER FOUND</DescText>
    <LangCode>EN</LangCode>
    <TypeCode>E</TypeCode>
  </Error>
</IATA_OrderListRS>
```

Examples

Query

```
<IATA_OrderListRQ xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://www.iata.org/IATA/2015/EASD/00/IATA_OffersAndOrders
Message file:///C:/Users/flemetayer/Downloads/Enhanced-and-Simplified-
Distribution-Schema-Development-main/IATA_OrderListRQ.xsd"
xmlns:n1="http://www.iata.org/IATA/2015/EASD/00/IATA_OffersAndOrdersMessage"
xmlns:cns="http://www.iata.org/IATA/2015/EASD/00/IATA_OffersAndOrdersCommonTyp
es">
  <DistributionChain
xmlns="http://www.iata.org/IATA/2015/EASD/00/IATA_OffersAndOrdersCommonTypes">
    <DistributionChainLink>
      <Ordinal>0</Ordinal>
      <OrgRole>Seller</OrgRole>
      <ParticipatingOrg>
        <OrgID>12345678</OrgID>
      </ParticipatingOrg>
    </DistributionChainLink>
    <DistributionChainLink>
      <Ordinal>1</Ordinal>
      <OrgRole>Distributor</OrgRole>
      <ParticipatingOrg>
        <OrgID>1A</OrgID>
      </ParticipatingOrg>
    </DistributionChainLink>
    <DistributionChainLink>
      <Ordinal>2</Ordinal>
      <OrgRole>Carrier</OrgRole>
      <ParticipatingOrg>
        <OrgID>6X</OrgID>
      </ParticipatingOrg>
    </DistributionChainLink>
  </DistributionChain>
  <POS
xmlns="http://www.iata.org/IATA/2015/EASD/00/IATA_OffersAndOrdersMessage">
    <Country
xmlns:cns="http://www.iata.org/IATA/2015/EASD/00/IATA_OffersAndOrdersCommonTyp
es">
      <CountryCode>FR</CountryCode>
    </Country>
  </POS>
  <Request
xmlns="http://www.iata.org/IATA/2015/EASD/00/IATA_OffersAndOrdersMessage">
    <OrderSearchFilterCriteria>
      <PaxFilterCriteria>
        <Individual>
          <Surname>SMITH</Surname>
        </Individual>
      </PaxFilterCriteria>
    </OrderSearchFilterCriteria>
  </Request>
</IATA_OrderListRQ>
```

Table 1 OrderListRQ search by name

```
<IATA_OrderListRQ xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://www.iata.org/IATA/2015/EASD/00/IATA_OffersAndOrders
Message file:///C:/Users/flemetayer/Downloads/Enhanced-and-Simplified-
Distribution-Schema-Development-main/IATA_OrderListRQ.xsd"
xmlns:n1="http://www.iata.org/IATA/2015/EASD/00/IATA_OffersAndOrdersMessage"
xmlns:cns="http://www.iata.org/IATA/2015/EASD/00/IATA_OffersAndOrdersCommonTyp
es">
  <DistributionChain
xmlns="http://www.iata.org/IATA/2015/EASD/00/IATA_OffersAndOrdersCommonTypes">
    <DistributionChainLink>
      <Ordinal>0</Ordinal>
      <OrgRole>Seller</OrgRole>
      <ParticipatingOrg>
        <OrgID>12345678</OrgID>
      </ParticipatingOrg>
    </DistributionChainLink>
    <DistributionChainLink>
      <Ordinal>1</Ordinal>
      <OrgRole>Distributor</OrgRole>
      <ParticipatingOrg>
        <OrgID>1A</OrgID>
      </ParticipatingOrg>
    </DistributionChainLink>
    <DistributionChainLink>
      <Ordinal>2</Ordinal>
      <OrgRole>Carrier</OrgRole>
      <ParticipatingOrg>
        <OrgID>6X</OrgID>
      </ParticipatingOrg>
    </DistributionChainLink>
  </DistributionChain>
  <POS
xmlns="http://www.iata.org/IATA/2015/EASD/00/IATA_OffersAndOrdersMessage">
    <Country
xmlns:cns="http://www.iata.org/IATA/2015/EASD/00/IATA_OffersAndOrdersCommonTyp
es">
      <CountryCode>FR</CountryCode>
    </Country>
  </POS>
  <Request
xmlns="http://www.iata.org/IATA/2015/EASD/00/IATA_OffersAndOrdersMessage">
    <OrderSearchFilterCriteria/>
  </Request>
</IATA_OrderListRQ>
```

Table 2 OrderListRQ search my own orders

Reply

```
<IATA_OrderListRS xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:n2="http://www.altova.com/samplexml/other-namespace"
xmlns:n1="http://www.iata.org/IATA/2015/EASD/00/IATA_OffersAndOrdersMessage"
xmlns:cns="http://www.iata.org/IATA/2015/EASD/00/IATA_OffersAndOrdersCommonTypes"
xsi:schemaLocation="http://www.iata.org/IATA/2015/EASD/00/IATA_OffersAndOrdersMessage file:///C:/Users/flemetayer/OneDrive%20-%20Amadeus%20Workplace/Desktop/Enhanced-and-Simplified-Distribution-Schema-Development-main/IATA_OrderListRS.xsd">
  <Response>
    <MatchedOrder>
      <CreationDateTime>2021-12-17T09:30:00Z</CreationDateTime>
      <Dep>
        <DepDate>2021-11-01</DepDate>
        <StationCode>NYK</StationCode>
      </Dep>
      <OrderRefID>6X61NEW4G3W7600</OrderRefID>
      <PaxList>
        <Pax>
          <Individual>
            <GivenName>JANE</GivenName>
            <Surname>SMITH</Surname>
          </Individual>
          <PaxID>PAX2</PaxID>
        </Pax>
      </PaxList>
    </MatchedOrder>
    <MatchedOrder>
      <CreationDateTime>2021-11-05T11:00:00Z</CreationDateTime>
      <Dep>
        <DepDate>2021-12-21</DepDate>
        <StationCode>NCE</StationCode>
      </Dep>
      <OrderRefID>6X_NLTZQT</OrderRefID>
      <PaxList>
        <Pax>
          <Individual>
            <GivenName>JOHN</GivenName>
            <Surname>SMITH</Surname>
          </Individual>
          <PaxID>PAX2</PaxID>
        </Pax>
      </PaxList>
    </MatchedOrder>
  </Response>
</IATA_OrderListRS>
```

Table 3 OrderListRS

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