

New NDC Documentation

November 2023



Main Changes / Benefits

New Common Section

- Elements used across multiple messages are explained once in the new Common Section, and then...
- Links from the specific message pages to the applicable common sections.

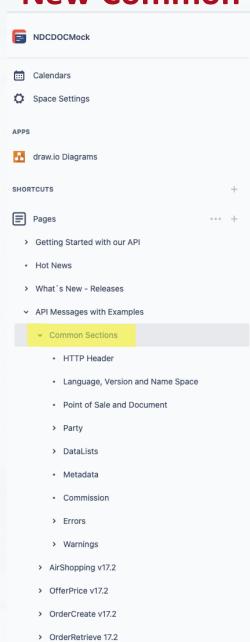
Single section per message

- Fusion of documentation for V1 (Fare Families) and V2 (Branded Fares), allowing to...
- Easily see differences between versions

Message Elements in one table

 Clarity of usage between versions and between messages with improved descriptions.

New Common Section - Illustration



NDCDOCMock / API Messages with Examples









Common Sections



Owned by Timothy Ling ...

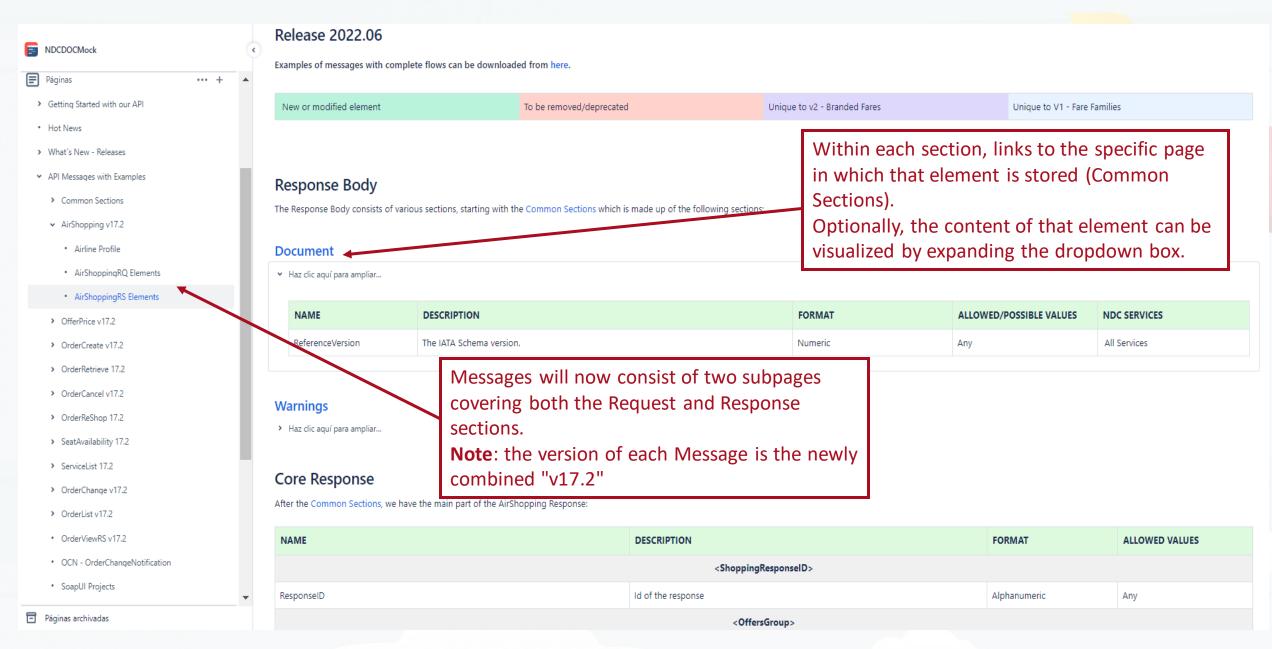
Last updated: just a moment ago • 1 min read • 🗠 2 people viewed

The following sections/elements are explained here in this common section as they are used in more than one message.

- HTTP Header
- Language, Version and Name Space
- Point of Sale and Document
- Party
- Party Elements
- DataLists
- BaggageAllowanceList needs review
- ContactList
- DescriptionList
- FareList needs review
- FlightList
- FlightSegmentList
- FlightDetail
- InstructionsList
- MediaList
- OriginDestinationList
- PassengerList
- * PenaltyList
- PriceClassList
- ServiceDefinitionList
- Metadata
- Commission
- ~ Errors
- Errors Code List
- Warnings
- Warnings Code List

Any changes to these pages will reflect automatically in the pages of the services that use any of these sections/elements.

New AirShopping - Illustration



V1 & V2 Combined & Differences - Illustration

Release 2022.06

Examples of messages with complete flows can be downloaded from here.

To be removed/deprecated Unique to v2 - Branded Fares Unique to V1 - Fare Families We maintain Green = new/modified elements, Red = removed/deprecated, Purple = Unique to v2. Newly added **Blue** = Unique to v1

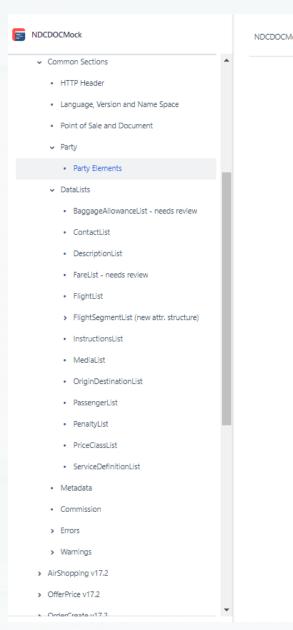
New or modified element <Respone / DataLists / PenaltyList / Penalty> . This section will be displayed only if the order has not been changed outside the NDC channel. NAME DESCRIPTION **FORMAT** POSSIBLE VALUES NDC Services Penalty ld for the penalty Alphanumeric Any All Services Attribute ObjectKey Example with elements Details / Detail / Type Type of action associated to he penalty like Cancel, Change... Alphabetical Any All Services unique to v2 e.g.: Cancel, Change Details / Detail / Application Associated Code to action refered above like Change, Cancel All Services Numeric Any FAT Fare or application penalty type 1 No show New Attributes' format 2 Prior to departure 3 After departure <Response / DataLists / FlightSegmentList / FlightSegment> NAME DESCRIPTION FORMAT ALLOWED/POSSIBLE VALUES NDC SERVICES SegmentKey = ID of the segment Alphanumeric Any AirshoppingRS Attribute OrderViewRS 1 <FlightSegment SegmentKey="IB340620231106"> FlightSegment@SegmentKey OfferPriceRS ServiceListRS OrderReshopRS True (If it is a secure flight) Alphabetical True AirshoppingRS Attribute OrderViewRS Attribute omitted if not SecureFlight FlightSegment@SecureFlight OfferPriceRS ServiceListRS OrderReshopRS Departure / AirportCode IATA 3 character code for the departure city/airport/station 3 Alphanumeric AirshoppingRS OrderViewRS OfferPriceRS ServiceListRS

Scenario where elements' information is new or modified and applicable to one single version

OrderReshopRS

Clarity of Element Usage and Limitations

Enhanced Elements' information and usage



	British Airways, and are sometimes referred to as a "JBID".	Iberia.
	Not applicable to OrderList.	
	NDC Mandatory	
Sender / ORA_Sender / AirlineID	Code of the Offer/Order Responsible Airline sending the message. Used in the OCN message.	IB
Sender / ORA_Sender / Name	Name of the Offer/Order Responsible Airline sending the message. Used in the OCN message.	beria

NAME	DESCRIPTION	FORMAT	ALLOWED/POSSIBLE VALUES	NDC SERVICES
Participants / Participant / TravelAgencyParticipant / Name	Travel Agency Name. This is the Travel Agent who is registered with Iberia and British Airways as managing travel for the above Corporate. A validation check is run against our Sales database.	Alphanumeric	Any	
Participants / Participant / TravelAgencyParticipant / Type	Only when using IATA Delegation functionality. Mandatory for IATA Delegation when CorporateSender is used. This is used to indicate whether the TravelAgencyParticipant is the agency undertaking the Servicing or the agency that created or paid for the order. see example: Party Elements 6.2. Example CorporateSend er with TravelAgencyParticipant and AggregatorPartici		"SERVICING_IATA" Or "RESPONSIBLE_IATA"	This element is returned in all services except: AirShopping OfferPrice OrderCreate OrderList
Participants / Participant / TravelAgencyParticipant / Contacts / Contact Attribute ContactType	Used to indicate to whom to send email confirmation emails and what information to include	Only as per allowed values	"itin_only" or "itin_and_price"	
Participants / Participant / TravelAgencyParticipant / Contacts / Contact / EmailContact / Address	Email to contact the Agency	Alphanumeric	Any	

More & Improved Examples - Illustration

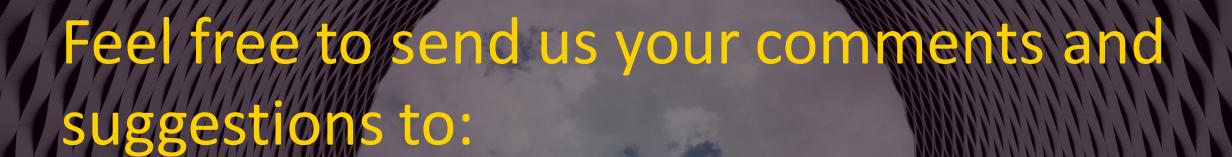
New or modified element Unique to v2 - Branded Fares Unique to V1 - Fare Families

<datalists instruction="" instructionslist=""></datalists>							
Instruction (1) Attribute ListKey	Id for the instruction to select sport equipment	Alphanumeric	Any	OrderCreate OrderRetrieve OrderViewRS			
FreeFormTextInstruction 1 Attribute refs	Reference for passenger and segments associated to selected sport equipment	Alphanumeric	PassengerID and SegmentID Valid example: "ADULT_01 IB303420231016"	OrderCreate OrderRetrieve OrderViewRS			
FreeFormTextInstruction / Remark	Selected sport equipment code	Alphanumeric	BIKE: BAGGAGE/SP/0EC SKII: BAGGAGE/SP/0DD GOLF: BAGGAGE/SP/0D4 SURF: BAGGAGE/SP/0D8 SCUB: BAGGAGE/SP/0EE FISH: BAGGAGE/SP/0D6	OrderCreate OrderRetrieve OrderViewRS			

→ Example

```
1 <InstructionsList>
       <Instruction ListKey="Instruction_01">
            <FreeFormTextInstruction refs="ADULT_01 IB310320231008 IB044220231008 IB044720231015 IB310620231015">
                <Remark>BAGGAGE/SP/0D6</Remark>
            </FreeFormTextInstruction>
       </Instruction>
       <Instruction ListKey="Instruction_02">
            <FreeFormTextInstruction refs="ADULT_02 IB310320231008 IB044220231008 IB044720231015 IB310620231015">
                <Remark>BAGGAGE/SP/0EC</Remark>
10
            </FreeFormTextInstruction>
11
12
       <Instruction ListKey="Instruction_03">
13
            <FreeFormTextInstruction refs="ADULT_01 IB310320231008 IB044220231008 IB044720231015 IB310620231015">
14
               <Remark>BAGGAGE/SP/0D8</Remark>
15
            </FreeFormTextInstruction>
16
        </Instruction>
17 </InstructionsList>
```

Each set of elements will be accompanied by snippets of code from updated examples. Click to expand the dropdown box.



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