

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

Calendars

Space Settings

APPS

draw.io Diagrams

SHORTCUTS

Pages

Getting Started with our API

Hot News

What's New - Releases

API Messages with Examples

Common Sections

- HTTP Header
- Language, Version and Name Space
- Point of Sale and Document
- > Party
- > DataLists
- Metadata
- Commission
- > Errors
- > Warnings
- > AirShopping v17.2
- > OfferPrice v17.2
- > OrderCreate v17.2
- > OrderRetrieve 17.2

NDCDOCMock / API Messages with Examples

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Common Sections



Owned by Timothy Ling

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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

Release 2022.06

Examples of messages with complete flows can be downloaded from [here](#).

New or modified element To be removed/deprecated Unique to v2 - Branded Fares Unique to V1 - Fare Families

Response Body

The Response Body consists of various sections, starting with the [Common Sections](#) which is made up of the following sections:

Document

Haz clic aquí para ampliar...

NAME	DESCRIPTION	FORMAT	ALLOWED/POSSIBLE VALUES	NDC SERVICES
ReferenceVersion	The IATA Schema version.	Numeric	Any	All Services

**Within each section, links to the specific page in which that element is stored (Common Sections).
Optionally, the content of that element can be visualized by expanding the dropdown box.**

Warnings

Haz clic aquí para ampliar...

Core Response

After the [Common Sections](#), we have the main part of the AirShopping Response:

NAME	DESCRIPTION	FORMAT	ALLOWED VALUES
<ShoppingResponseID>			
ResponseID	Id of the response	Alphanumeric	Any
<OffersGroup>			

**Messages will now consist of two subpages covering both the Request and Response sections.
Note: the version of each Message is the newly combined "v17.2"**

Navigation Menu:

- NDCDOCMock
- Páginas
 - Getting Started with our API
 - Hot News
 - What's New - Releases
 - API Messages with Examples
 - Common Sections
 - AirShopping v17.2
 - Airline Profile
 - AirShoppingRQ Elements
 - AirShoppingRS Elements**
 - OfferPrice v17.2
 - OrderCreate v17.2
 - OrderRetrieve 17.2
 - OrderCancel v17.2
 - OrderReShop 17.2
 - SeatAvailability 17.2
 - ServiceList 17.2
 - OrderChange v17.2
 - OrderList v17.2
 - OrderViewRS v17.2
 - OCN - OrderChangeNotification
 - SoapUI Projects
- Páginas archivadas

V1 & V2 Combined & Differences - Illustration

Release 2022.06

Examples of messages with complete flows can be downloaded from [here](#).

We maintain **Green** = new/modified elements, **Red** = removed/deprecated, **Purple** = Unique to v2. Newly added **Blue** = Unique to v1

New or modified element	To be removed/deprecated	Unique to v2 - Branded Fares	Unique to V1 - Fare Families
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Example with elements unique to v2

New Attributes' format

<Response / 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	Id for the penalty	Alphanumeric	Any	All Services
<div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"> Attribute ObjectKey </div>				
Details / Detail / Type	Type of action associated to he penalty like Cancel, Change...	Alphabetical	Any e.g.: Cancel, Change	All Services
Details / Detail / Application	Associated Code to action refered above like Change, Cancel FAT Fare or application penalty type 1 No show 2 Prior to departure 3 After departure	Numeric	Any	All Services

<Response / DataLists / FlightSegmentList / FlightSegment>

NAME	DESCRIPTION	FORMAT	ALLOWED/POSSIBLE VALUES	NDC SERVICES
<div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"> Attribute FlightSegment@SegmentKey </div>				
<div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"> Attribute FlightSegment@SecureFlight </div>				
Departure / AirportCode	IATA 3 character code for the departure city/airport/station	3 Alphanumeric	Any	AirshoppingRS OrderViewRS OfferPriceRS ServiceListRS OrderReshopRS

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

Clarity of Element Usage and Limitations

Enhanced Elements' information and usage

The screenshot displays the NDCDOCMock interface. On the left is a navigation sidebar with categories like Common Sections, Party, and DataLists. The main area shows a table of Party Elements and a detailed Participant Section table. Red annotations highlight specific parts of the tables.

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 CorporateSender with TravelAgencyParticipant and AggregatorPartici...	Only as per allowed values	"SERVICING_IATA" or "RESPONSIBLE_IATA"	This element is returned in all services except: AirShopping OfferPrice OrderCreate OrderList
Participants / Participant / TravelAgencyParticipant / Contacts / Contact	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 / Attribute ContactType				
Participants / Participant / TravelAgencyParticipant / Contacts / Contact / EmailContact / Address	Email to contact the Agency	Alphanumeric	Any	

More & Improved Examples - Illustration

New or modified element	To be removed/deprecated	Unique to v2 - Branded Fares	Unique to V1 - Fare Families
<DataLists / InstructionsList / Instruction>			
Instruction <i>Attribute</i> ListKey	Id for the instruction to select sport equipment	Alphanumeric	Any OrderCreate OrderRetrieve OrderViewRS
FreeFormTextInstruction <i>Attribute</i> 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	<ul style="list-style-type: none"> 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>
2   <Instruction ListKey="Instruction_01">
3     <FreeFormTextInstruction refs="ADULT_01 IB310320231008 IB044220231008 IB044720231015 IB310620231015">
4       <Remark>BAGGAGE/SP/0D6</Remark>
5     </FreeFormTextInstruction>
6   </Instruction>
7   <Instruction ListKey="Instruction_02">
8     <FreeFormTextInstruction refs="ADULT_02 IB310320231008 IB044220231008 IB044720231015 IB310620231015">
9       <Remark>BAGGAGE/SP/0EC</Remark>
10    </FreeFormTextInstruction>
11  </Instruction>
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.



Feel free to send us your comments and suggestions to:

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