November 2017

OpenTravel 2017B Schema Comments Report

507
 	
Submitted By:
Jacob Dreyband
 	
Versonix
	`-------------------------------------------------`
	SUBMITTER
	`-------------------------------------------------`
	
	Comment
	
	We have multiple real clients where we need to provide direct referencing and relations between cabins and guests. Without proposed change the code is complex and excessive. Proposed change optimizes both the message traffic and code implementation.
	
	Proposed Change
	
	It affects several schemas: Full XML Schema paths for the message(s) this Comment refers to: OTA_CruiseBookRS/SailingInfo/SelectedCategory/SelectedCabin OTA_CruiseBookRQ/SailingInfo/SelectedCategory/SelectedCabin OTA_ResRetrieveRS/ReservationsList/CruiseReservation/SailingInfo/SelectedCategory/SelectedCabin Add attribute GuestRefNumbers to the //SailingInfo/SelectedCategory/SelectedCabin element in the OTA_CruiseBookRQ, OTA_CruiseBookRS and OTA_ResRetrieveRS messages, e.g.: Provides a reference pointer that links the cabin to the guest. Refers to ContactInfo/GuestRefNumber. Example. For the booking with four guests (with populated //GuestDetail/ContactInfo/GuestRefNumber attribute values as "1", "2", "3" and "4") the requests/responses mentioned above will have something like: Additional change needed for the above new field: add simpleType "ListOfNumericStringLength1to16" into OTA_SimpleTypes.xsd: List of NumericStringLength1to16
	
	OTA_CruiseCommonTypes/
	
	Proposed Annotation
	
	OTA_CruiseCommonTypes/SailingCategoryInfoType/SelectedCategory/SelectedCabin/GuestRefNumbers: Provides a reference pointer that links the cabin to the guest. Refers to ContactInfo/GuestRefNumber. OTA_SimpleTypes/ListOfNumericStringLength1to16: List of NumericStringLength1to16.
	
	XML Example - Suggested Change:
	
	Add attribute GuestRefNumbers to the //SailingInfo/SelectedCategory/SelectedCabin element in the OTA_CruiseBookRQ, OTA_CruiseBookRS and OTA_ResRetrieveRS messages, e.g.:
	<pre>`<xs:attribute name="GuestRefNumbers" type="ListOfNumericStringLength1to16"`
	`use="optional">`
	`  <xs:annotation>`
	`    <xs:documentation xml:lang="en">Provides a reference pointer that links the cabin`
	`to the guest. Refers to ContactInfo/GuestRefNumber.</xs:documentation>`
	`  </xs:annotation>`
	`</xs:attribute>`</pre>
	Example. For the booking with four guests (with populated //GuestDetail/ContactInfo/GuestRefNumber attribute values as "1", "2", "3" and "4") the requests/responses mentioned above will have something like:
	
	<pre>`<SelectedCabin CabinNumber="123" Status="30" GuestRefNumbers="1 3" />`
	`<SelectedCabin CabinNumber="GTY" Status="47" GuestRefNumbers="2 4" />`</pre>
	Additional change needed for the above new field: add simpleType "ListOfNumericStringLength1to16" into OTA_SimpleTypes.xsd:
	<pre>`        <xs:simpleType name="ListOfNumericStringLength1to16">`
	`            <xs:annotation>`
	`                <xs:documentation>List of`
	`NumericStringLength1to16.</xs:documentation>`
	`            </xs:annotation>`
	`            <xs:list itemType="StringLength1to32"/>`
	`        </xs:simpleType>`</pre>

RELEASE NOTES

Schema File Name: OTA_SimpleTypes

X-Path: OTA_SimpleTypes

-added simple type
Added simple type ListOfNumericStringLength1to16 of list type NumericStringType1to16.

-annotation
List of NumericStringType1to16

Schema File Name: OTA_CruiseCommonTypes

X-Path: OTA_CruiseCommonTypes/SailingCategoryInfoType/SelectedCategory/SelectedCabin

-added attribute
Added attribute GuestRefNumbers of type ListOfNumericStringLength1to16, optional

-annotation
Provides a reference pointer that links the cabin to the guest.

Schema File Name: OTA_CruiseCabinHoldRQ

X-Path: OTA_CruiseCabinHoldRQ/SelectedSailing/SelectedCategory/SelectedCabin

-added attribute
Added attribute GuestRefNumbers of type ListOfNumericStringLength1to16, optional

-annotation
Provides a reference pointer that links the cabin to the guest.

Schema File Name: OTA_CruiseCabinHoldRS

X-Path: OTA_CruiseCabinHoldRS/SelectedSailing/SelectedCabin

-added attribute
Added attribute GuestRefNumbers of type ListOfNumericStringLength1to16, optional

-annotation
Provides a reference pointer that links the cabin to the guest.

Schema File Name: OTA_CruiseCabinUnholdRQ

X-Path: OTA_CruiseCabinUnholdRQ/SelectedSailing/SelectedCabin

-added attribute
Added attribute GuestRefNumbers of type ListOfNumericStringLength1to16, optional

-annotation
Provides a reference pointer that links the cabin to the guest.

Schema File Name: OTA_CruiseCabinUnholdRS

X-Path: OTA_CruiseCabinUnholdRS/SelectedSailing/SelectedCabin

-added attribute
Added attribute GuestRefNumbers of type ListOfNumericStringLength1to16, optional

-annotation
Provides a reference pointer that links the cabin to the guest.

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Submitted By:
Jacob Dreyband

Versonix | ---
SUBMITTER

Comment

Full list of XML Schema paths for the message(s) this Comment refers to:
OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail/SelectedPackages/SelectedPackage
OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail/SelectedPackages/SelectedPackage
OTA_ResRetrieveRS/ReservationsList/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail/SelectedPackages/SelectedPackage We need an enhancement of OTA_CruiseBookRQ, OTA_CruisePriceBookingRQ and OTA_ResRetrieveRS to add a an attribute for external guest count for a selected package (e.g. shorex). In our real business practice we must support such information for simplification of communication and calculations.

Proposed Change

Add attribute ExtraGuestCount to the //ReservationInfo/GuestDetails/GuestDetail/SelectedPackages/SelectedPackage element in the OTA_CruiseBookRQ, OTA_CruisePriceBookingRQ and OTA_ResRetrieveRS messages, e.g.: <xs:attribute name="ExtraGuestCount" type="xs:nonNegativeInteger" use="optional"> <xs:annotation> <xs:documentation xml:lang="en">Specifies extra (not sailing on this booking) guest quantity.</xs:documentation> </xs:annotation> </xs:attribute>

Example. For the booking with two guests, if first guest is bringing two extra people and second guest is bringing four extra people, there will be:
OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[@GuestRefNumber="1"]/SelectedPackages/SelectedPackage/@ExtraGuestCount="2"
OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[@GuestRefNumber="2"]/SelectedPackages/SelectedPackage/@ExtraGuestCount="4"

Proposed Annotation

OTA_CruiseCommonTypes/CruisePackageType/ExtraGuestCount: Specifies extra (not sailing on this booking) guest quantity.

RELEASE NOTES

Schema File Name: OTA_CruiseCommonTypes

X-Path: OTA_CruiseCommonTypes/CruisePackageType

-added attribute
Added attribute ExtraGuestCount of type xs:nonNegativeInteger, optional

-annotation
Specifies extra guest quantity (not sailing on this booking). |

509 **Submitted By:** **Jacob Dreyband** **Versonix**	--- ***SUBMITTER*** --- **Comment** Need to remove maxOccurs limitation due to business practices **Proposed Change** XML Schema: OTA_CruiseCommonTypes/SailingCategoryInfoType/SelectedCategory OTA_CruiseCommonTypes/SailingCategoryInfoType/SelectedCategory/SelectedCabin OTA_CruiseCabinHoldRQ/SelectedSailing/SelectedCategory (proposing to add maxOccurs="unbounded" here as to match the structure used in other calls - SailingCategoryInfoType - and allow to hold cabins of different categories); OTA_CruiseCabinHoldRQ/SelectedSailing/SelectedCategory/SelectedCabin OTA_CruiseCabinHoldRS/SelectedSailing/SelectedCabin OTA_CruiseCabinUnholdRQ/SelectedSailing/SelectedCabin OTA_CruiseCabinUnholdRS/SelectedSailing/SelectedCabin OTA_CruiseFastSellRQ/SelectedSailing/SelectedCategory (proposing to add maxOccurs="unbounded" here to match the structure used in other calls - SailingCategoryInfoType - and allow to book several cabins of different categories) OTA_CruiseFastSellRQ/SelectedSailing/SelectedCategory/SelectedCabin Suggested Change: Change maxOccurs on the SelectedCategory and SelectedCabin elements to value "unbounded" to allow cruise lines to set up limit on the cabins booked in a single booking. Relates to all OTA_Cruise request and responses that describe list of SelectedCategory and list of SelectedCabin elements - OTA_CruiseBookRQ, OTA_CruiseBookRS and OTA_ResRetrieveRS, OTA_CruiseCabonHoldRQ/RS, etc **Proposed Annotation** N/A --- ***RELEASE NOTES*** --- **Schema File Name: OTA_CruiseCommonTypes** **X-Path:** OTA_CruiseCommonTypes/SailingCategoryInfoType/SelectedCategory *-changed max occurrences* Changed the max occurrences of OTA_CruiseCommonTypes/SailingCategoryInfoType/SelectedCategory to unbounded. --- **Schema File Name: OTA_CruiseCommonTypes** **X-Path:** OTA_CruiseCommonTypes/SailingCategoryInfoType/SelectedCategory/SelectedCabin *-changed max occurrences* Changed the max occurrences of OTA_CruiseCommonTypes/SailingCategoryInfoType/SelectedCategory/SelectedCabin to unbounded.

Schema File Name: OTA_CruiseCabinHoldRQ

X-Path: OTA_CruiseCabinHoldRQ/SelectedSailing/SelectedCategory

-changed max occurrences
Changed the max occurrences of OTA_CruiseCabinHoldRQ/SelectedSailing/SelectedCategory to unbounded

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Schema File Name: OTA_CruiseCabinHoldRQ

X-Path: OTA_CruiseCabinHoldRQ/SelectedSailing/SelectedCategory/SelectedCabin

-changed max occurrences
Changed the max occurrences of OTA_CruiseCabinHoldRQ/SelectedSailing/SelectedCategory/SelectedCabin to unbounded

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Schema File Name: OTA_CruiseCabinHoldRS

X-Path: OTA_CruiseCabinHoldRS/SelectedSailing/SelectedCabin

-changed max occurrences
Changed the max occurrences of OTA_CruiseCabinHoldRS/SelectedSailing/SelectedCabin to unbounded

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Schema File Name: OTA_CruiseCabinUnholdRQ

X-Path: OTA_CruiseCabinUnholdRQ/SelectedSailing/SelectedCabin

-changed max occurrences
Changed the max occurrences of OTA_CruiseCabinUnholdRQ/SelectedSailing/SelectedCabin to unbounded

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Schema File Name: OTA_CruiseCabinUnholdRS

X-Path: OTA_CruiseCabinUnholdRS/SelectedSailing/SelectedCabin

-changed max occurrences
Changed the max occurrences of OTA_CruiseCabinUnholdRS/SelectedSailing/SelectedCabin to unbounded

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Schema File Name: OTA_CruiseFastSellRQ

X-Path: OTA_CruiseFastSellRQ/SelectedSailing/SelectedCategory

-changed max occurrences
Changed the max occurrences of OTA_CruiseFastSellRQ/SelectedSailing/SelectedCategory to unbounded

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Submitted By: Jacob Dreyband	***SUBMITTER***

Versonix	**Comment**
	Add GuestRefNumbers attribute to SelectedCabin element in OTA_CruiseFastSellRQ should be similar to the ones requested in comment 1061
	Proposed Change
	Add GuestRefNumbers attribute to the OTA_CruiseFastSellRQ message as it was added to other messages in comment 1061
	Proposed Annotation
	Provides a reference pointer that links the cabin to the guest.

	RELEASE NOTES

	Schema File Name: OTA_CruiseFastSellRQ
	X-Path: OTA_CruiseFastSellRQ/SelectedSailing/SelectedCategory/SelectedCabin/@GuestRefNumbers
	-added attribute
	Added attribute GuestRefNumbers of type ListOfNumericStringLength1to16, optional
	-annotation
	Provides a reference pointer that links the cabin to the guest.

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| **Submitted By: Marissa McAfee** **Duetto Research** | **_SUBMITTER_** -- **Comment** The source of business attribute is needed at a more granular level. **Proposed Change** @SourceOfBusiness needs to be added as an additional attribute at the RatePlan Level Attribute, string length of 1-64 **Proposed Annotation** The source of the business. -- **_RELEASE NOTES_** -- **Schema File Name: OTA_HotelCommonTypes** **X-Path:** OTA_HotelCommonTypes/InvBlockRoomType/RatePlans/RatePlan/MarketCode@SourceOfBusiness _-added attribute_ Added attribute SourceOfBusiness of type xs:stringLength1to64, optional _-annotation_ The source of the business. |