December 2024

2024A XML Message Suite

Schema Publication Release Notes

Contents

About the OpenTravel Alliance

OpenTravel provides the preferred open-source XML standard for the travel and leisure industry.

The OpenTravel specification is used worldwide by travel industry suppliers, resellers, global distributors, and integrators to meet customer and trading partner XML distribution demands.

As a travel industry-specific (and membership-based) organization, our schema products are built by and for travel companies. The OpenTravel Specification is typically made publicly available for download (at no charge)

By using OpenTravel schema in their message frameworks, implementers benefit from a consistent data exchange through the use of a standard communication method implemented by thousands of companies in the worldwide travel industry.

Our schema products cover numerous travel industry segments, including Air, Car, Hotel, Vacation Rental, Golf, Travel Insurance, Rail, Ground Transportation, Day Tours & Activities, Packaged Tours and Dynamic Packages. They are well suited for reservation systems, branded websites and other such information exchanges between trading partners.

Key Facts…

Company
- Membership funded, not for profit organization
- Founded in 1999

Specification
- Open source
- Free for all implementers
- OpenTravel 1.0 XML Message Suite

The maturity of OpenTravel products—in combination with our specification adoption rate—provide OpenTravel implementers with an "interoperability" head start that allows them to transact with a broad base of trading partners while decreasing IT integration timeframes and cost.

For more information on OpenTravel membership, please visit our website at https://opentravel.org/join/

Getting Started with the OpenTravel XML Message Suite

To help you prepare to use your OpenTravel schema product, follow these steps:

1. Read this document: You should review these notes for critical information, including message changes to the 2024A schema.

2. Refer to the *OpenTravel 2024A Schema Versioning* artifact (included in the publication download) to see the versions of all OpenTravel XML Message Suite schema, including schema messages that were enhanced as a part of this publication.

Key OpenTravel Online Implementer & Member Resources

Specification Comments or Questions

All implementers are welcome to submit comments to enhance the OpenTravel specification. Comments may be submitted at: https://opentravel.org/spec-assistance/

There are two types of comments that you can submit:

- Technical—proposes a minor change to one or more elements of an OpenTravel XML schema product, such as an XML message and/or an XML object or object library.

- Artifact—proposes a correction and/or addition to schema-supporting artifacts, such as release notes or an OpenTravel Solution Scenario.

OpenTravel Project Teams & Workgroups

All OpenTravel members are welcome to participate in OpenTravel workgroups, which are neutral environments comprised of travel industry experts that meet once per month or as needed to:

- Review and action open specification comments

- Review and accept new and enhanced schema from project teams

- Discuss emerging business requirements and how OpenTravel schema can be enhanced to address them

Each workgroup serves the needs of one or more associated travel industry segments that are supported by the OpenTravel Specification:

- Architecture: Underlying constructs (or architecture) of OpenTravel schema products, design patterns, solution scenarios and implementation best practices

- Hospitality: Hotel, Hostel, Vacation Rental and Cruise

- Transport: Air, Rental Car, Ground Transportation and Rail

- Travel Integration: Tours and Activities, Dynamic Packages, Travel Insurance, Golf and other shared services, including Travel Itineraries, Loyalty Programs and Customer Profiles

All OpenTravel members are welcome to propose and join any **project team**. Project teams serve as the primary method for introducing major enhancements into OpenTravel schema products. These teams are formed to address a set of business-specific enhancements for the OpenTravel specification—such as merchandising offers. In addition to OpenTravel schema and XML components, project teamwork produces a variety of artifacts, including use cases, capability maps, process models, business glossary terms, and solution scenarios.

Enhanced Schema

The following fields have been added to support the Optimizing Lodging Content for the Distribution Ecosystem HTNG Workgroup, which included participants from HTNG, OpenTravel, and HEDNA. This workgroup set out to update the OpenTravel 1.0 Messages to share current hotel content needs across the distribution ecosystem. Below, you will find a list of changes incorporated into the messages.

CommonTypes

- Added element AlternateGeolocations, recurrence 0..1 to OTA_CommonTypes/RelativePosition/AlternateGeolocations.
- Added element AlternateGeolocation, reccurence 1..n to OTA_CommonTypes/RelativePosition/AlternateGeolocations/AlternateGeolocation.
- Added attribute Name of type StringLength1to128, required to OTA_CommonTypes/RelativePosition/AlternateGeolocations/AlternateGeolocation/Name.
- Added attribute PositionCode of type StringLength1to255, required to OTA_CommonTypes/RelativePosition/AlternateGeolocations/AlternateGeolocation/PositionCode.
- Added attribute URL of type AnyURI, optional to OTA_CommonTypes/RelativePosition/AlternateGeolocations/AlternateGeolocation/URL.
- Added attribute DimensionCategory of type StringLength1to16, optional to OTA_CommonTypes/VideoDescriptionType/VideoFormat/@DimensionCategory.
- Added attribute Sort of type PositiveInteger, optional to OTA_CommonTypes/VideoDescriptionType/VideoFormat/@Sort.
- Added element URL_Caption of type StringLength1to128, 0..1 to OTA_CommonTypes/VideoItemType/URL_Caption
- Added complex Type DressCodeType to OTA_CommonTypes/DressCodeType.
- Added element DressCode, recurrence 1..n to OTA_CommonTypes/DressCodeType/DressCode.
- Added attribute Code of type OTA_CodeType, optional to OTA_CommonTypes/DressCodeType//DressCode/@Code.
- Added attribute group CodeInfoGroup to OTA_CommonTypes/DressCodeType//DressCode/ @group CodeInfoGroup.

- Added element DressCodes of type DressCodeType, recurrence 0..1 to OTA_CommonTypes/RestaurantType/DressCodes.
- Added attribute WhenCollected of type xs:string with enumerations "At time of booking" and "On property", optional to OTA_CommonTypes/TaxType@WhenCollected.
- Added attribute WhenCollected of type xs:string with enumerations "At time of booking" and "On property", optional to OTA_CommonTypes/FeeType@WhenCollected.
- Added attribute AllInAmount of type Money, optional to OTA_CommonTypes/TotalType/@AllInAmount.

HotelCommonTypes

- Added attribute GeothermalInd of type Boolean, optional to OTA_ OTA_HotelCommonTypes/EnvironmentalImpactType/Energy/@GeothermalInd.
- Added attribute HydroEnergyInd of type Boolean, optional to OTA_HotelCommonTypes/EnvironmentalImpactType/Energy/@HydroEnergyInd.
- Added attribute WasteToEnergyInd of type Boolean, optional to OTA_HotelCommonTypes/EnvironmentalImpactType/Energy/@WasteToEnergyInd.
- Added attribute Percentage of type Percentage, optional to OTA_HotelCommonTypes/EnvironmentalImpactType/Energy/@WasteToEnergyInd.
- Added attribute WasteToEnergyGenerationInd type Boolean, optional to OTA_HotelCommonTypes/EnvironmentalImpactType/Recycling/@WasteToEnergyGenerationInd.
- Added attribute CompostingInd of type Boolean, optional to OTA_HotelCommonTypes/EnvironmentalImpactType/Recycling/Recycling/@CompostingInd.
- Added attribute HotelContact of type StringLength1to255, optional to OTA_HotelCommonTypes/EnvironmentalImpact/TypeGeneral/@HotelContact.
- Updated annotation on attribute MeetingEvent at OTA_HotelCommonTypes/EnvironmentalImpactType/CarbonFootprint/@MeetingEvent to "Meeting/ event carbon dioxide measurement. The CarbonUOM field is used to identify the unit of measure for this measurement (e.g. pounds, kilograms. etc.)."
- Updated annotation on attribute RoomNight at OTA_HotelCommonTypes/EnvironmentalImpactType/CarbonFootprint/@RoomNight to "Room night carbon dioxide measurement. The CarbonUOM field is used to identify the unit of measure for this measurement (e.g. pounds, kilograms. etc.)."
- Added attribute Rating of type StringLength1to32, optional to OTA_HotelCommonTypes/EnvironmentalImpactType/General/Certification/@Rating.
- Added attribute RatingSymbol of type StringLength1to31, optional to OTA_HotelCommonTypes/EnvironmentalImpactType/General/Certification/@RatingSymbol.
- Added element WasteFootprint, recurrence 0..1 to OTA_HotelCommonTypes/EnvironmentalImpactType/WasteFootprint.
- Added attribute TotalWaste of type PositiveInteger, optional to OTA_HotelCommonTypes/EnvironmentalImpactType/WasteFootprint/@TotalWaste.
- Added attribute WasteDiversionRate of type Percentage, optional to OTA_HotelCommonTypes/EnvironmentalImpactType/WasteFootprint/@WasteDiversionRate.

- Added attribute WasteUOM of type List_UnitOfMeasure, optional, to OTA_HotelCommonTypes/EnvironmentalImpactType/WasteFootprint/WasteUOM..
- Added attribute LoyaltyPointEligibleInd of type xs:Boolean, optional, to OTA_HotelCommonTypes/RatePlanType/@LoyaltyPointEligibleInd.

HotelContentDescription

- Added element IDs, recurrence 0..1 to OTA_HotelContentDescription/HotelDescriptiveContentType/IDs.
- Added element ID, recurrence 1..n to OTA_HotelContentDescription/HotelDescriptiveContentType/IDs/ID.
- Added attribute ID of type StringLength1to32, optional to OTA_HotelContentDescription/HotelDescriptiveContentType/IDs/ID/@ID.
- Added attribute ID_Description of type StringLength0to128, optional to OTA_HotelContentDescription/HotelDescriptiveContentType/IDs/ID/@ID_Description.
- Added element GuestReviews, recurrence 0..1 to OTA_HotelContentDescription/HotelDescriptiveContentType/GuestReviews.
- Added element GuestReview, reccurence 1..n to OTA_HotelContentDescription/HotelDescriptiveContentType/GuestReviews/GuestReview.
- Added element Ratings, recurrence 0..1 to OTA_HotelContentDescription/HotelDescriptiveContentType/GuestReviews/GuestReview/Ratings.
- Added attribute RecommendationPercent of type Percentage, optional to OTA_HotelContentDescription/HotelDescriptiveContentType/GuestReviews/GuestReview/Ratings/@RecommendationPercent.
- Added attribute DataSource of type StringLength0to128, optional to OTA_HotelContentDescription/HotelDescriptiveContentType/GuestReviews/GuestReview/Ratings/@DataSource.
- Added element Rating, recurrence 0..n to OTA_HotelContentDescription/HotelDescriptiveContentTypeGuestReviews/GuestReview/Ratings/Rating.
- Added attribute GuestReviewRatingCategoryCode of type OTA_CodeType, optional to OTA_HotelContentDescription/HotelDescriptiveContentType/GuestReviews/GuestReview/Ratings/Rating/@GuestRatingCategoryCode.
- Added attribute Rating of Type Decimal, optional, to OTA_HotelContentDescription/HotelDescriptiveContentType/GuestReviews/GuestReview/Ratings/Rating/@Rating.
- Added attribute MaximumRating of type Integer, optional to OTA_HotelContentDescription/HotelDescriptiveContentType/GuestReviews/GuestReview/Ratings/Rating/@MaximumRating.
- Added attribute ReviewCount of type Integer, optional to OTA_HotelContentDescription/HotelDescriptiveContentType/GuestReviews/GuestReview/Ratings/Rating/@ReviewCount.
- Added element ReviewTextHighlights, recurrence 0..1 to OTA_HotelContentDescription/HotelDescriptiveContentType/GuestReviews/GuestReview/Ratings/Rating/ReviewTextSnippets.

- Added element ReviewTextHighlight of type ParagraphType, recurrence 0..n to OTA_HotelContentDescription/HotelDescriptiveContentType/GuestReviews/GuestReview/Ratings/Rating/ReviewTextSnippets/ReviewTextSnippet.
- Added element UnitConfiguration, recurrence 0..n to OTA_HotelContentDescription/HotelDescriptiveContentType/FacilityInfo/GuestRooms/GuestRoom/UnitConfiguration.
- Added attribute TypeOfRoom of type OTA_CodeType, optional to OTA_HotelContentDescription/HotelDescriptiveContentType/FacilityInfo/GuestRooms/GuestRoom/Configuration/@TypeOfRoom.
- Added attribute Quantity of type Integer, optional to OTA_HotelContentDescription/HotelDescriptiveContentType/FacilityInfo/GuestRooms/GuestRoom/Configuration/@Quantity.
- Added element FAQs, recurrence 0..1 to OTA_HotelDescriptiveContentNotifRQ/HotelDescriptiveContents/HotelDescriptiveContent/FAQs.
- Added element FAQ, recurrence 1..n to OTA_HotelDescriptiveContentNotifRQ/HotelDescriptiveContents/HotelDescriptiveContent/FAQs/FAQ.
- Added attribute locale of type StringLength0to8, optional to OTA_HotelDescriptiveContentNotifRQ/HotelDescriptiveContents/HotelDescriptiveContent/FAQs/FAQ/@Locale.
- Added element FAQ_Details recurrence 1, to OTA_HotelDescriptiveContentNotifRQ/HotelDescriptiveContents/HotelDescriptiveContent/FAQs/FAQ/FAQ_Details.
- Added element FAQ_Detail reccurence 0..n to OTA_HotelDescriptiveContentNotifRQ/HotelDescriptiveContents/HotelDescriptiveContent/FAQs/FAQ/FAQ_Details/FAQ_Detail.
- Added attribute SortOrder of type PositiveInteger, optional to OTA_HotelDescriptiveContentNotifRQ/HotelDescriptiveContents/HotelDescriptiveContent/FAQs/FAQ/FAQ_Details/FAQ_Detail/@SortOrder.
- Added attribute Category of type StringLength0to128, optional to OTA_HotelDescriptiveContentNotifRQ/HotelDescriptiveContents/HotelDescriptiveContent/FAQs/FAQ/FAQ_Details/FAQ_Detail/@Category.
- Added attribute Removal of type Boolean, optional to OTA_HotelDescriptiveContentNotifRQ/HotelDescriptiveContents/HotelDescriptiveContent/FAQs/FAQ/FAQ_Details/FAQ_Detail/@Removal.
- Added element Question of type String, recurrence 1 to OTA_HotelDescriptiveContentNotifRQ/HotelDescriptiveContents/HotelDescriptiveContent/FAQs/FAQ/FAQ_Details/FAQ_Detail/Question.
- Added element Answer of type String, recurrence 1 to OTA_HotelDescriptiveContentNotifRQ/HotelDescriptiveContents/HotelDescriptiveContent/FAQs/FAQ/FAQ_Details/FAQ_Detail/Answer.
- Added element DisplayDateRanges, recurrence 0..1 to OTA_HotelDescriptiveContents/HotelDescriptiveContent/FAQs/FAQ/FAQ_Details/FAQ_Detail/DisplayDateRanges.

- Added element DisplayDateRange, recurrence 1..n to OTA_HotelDescriptiveContents/HotelDescriptiveContent/FAQs/FAQ/FAQ_Details/FAQ_Detail/DisplayDateRanges/DisplayDateRange.
- Added attribute Start of type DateOrTimeOrDateTimeType, optional to OTA_HotelDescriptiveContentNotifRQ/HotelDescriptiveContents/HotelDescriptiveContent/FAQs/FAQ/FAQ_Details/FAQ_Detail/DisplayDateRanges/DisplayDateRange/@Start.
- Added attribute Duration of type DurationType, optional to OTA_HotelDescriptiveContentNotifRQ/HotelDescriptiveContents/HotelDescriptiveContent/FAQs/FAQ/FAQ_Details/FAQ_Detail/DisplayDateRanges/DisplayDateRange/@Duration.
- Added attribute End of type DateOrTimeOrDateTimeType, optional to OTA_HotelDescriptiveContentNotifRQ/HotelDescriptiveContents/HotelDescriptiveContent/FAQs/FAQ/FAQ_Details/FAQ_Detail/DisplayDateRanges/DisplayDateRange/@End.
- Added element RatePlans, recurrence 0..1 to OTA_HotelDescriptiveContent/RatePlans.
- Added element RatePlan, recurrence 1..n to OTA_HotelDescriptiveContent/RatePlans/RatePlan.
- Added attribute RatePlanName of type StringLength0to128, optional to OTA_HotelDescriptiveContent/RatePlans/RatePlan/@RatePlanName.
- Added attribute RatePlanCode of type StringLength0to8, optional to OTA_HotelDescriptiveContent/RatePlans/RatePlan/@RatePlanCode.
- Added element Descriptions, recurrence 0..1 to OTA_HotelDescriptiveContent/RatePlans/RatePlan/Descriptions.
- Added element Description, recurrence 1..n to OTA_HotelDescriptiveContent/RatePlans/RatePlan/Descriptions/Description.
- Added element FeesSchedules, recurrence 0..1 to OTA_HotelContentDescription/PoliciesType/Policy/PetsPolicies/PetsPolicy/FeeSchedules.
- Added element FeeSchedule, recurrence 1..n to OTA_HotelContentDescription/PoliciesType/Policy/PetsPolicies/PetsPolicy/FeeSchedules/FeeSchedule.
- Added attribute Refundable of type Boolean, optional to OTA_HotelContentDescription/PoliciesType/Policy/PetsPolicies/PetsPolicy/FeeSchedules/FeeSchedule/@Refundable.
- Added attribute PetQuantity of type NonNegativeInteger, optional to OTA_HotelContentDescription/PoliciesType/Policy/PetsPolicies/PetsPolicy/FeeSchedules/FeeSchedule/@PetQuantity.
- Added attribute MinNumberOfDays of type Integer, optional to OTA_HotelContentDescription/PoliciesType/Policy/PetsPolicies/PetsPolicy/FeeSchedules/FeeSchedule/@MinNumberofDays.
- Added attribute MaxNumberOfDays of type Integer, optional to OTA_HotelContentDescription/PoliciesType/Policy/PetsPolicies/PetsPolicy/FeeSchedules/FeeSchedule/@MaxNumberofDays.
- Added attribute ChargeCode of type OTA_CodeType, optional to OTA_HotelContentDescription/PoliciesType/Policy/PetsPolicies/PetsPolicy/FeeSchedules/FeeSchedule/@ChargeCode.

- Added attribute group CurrencyAmountGroup to OTA_HotelContentDescription/PoliciesType/Policy/PetsPolicies/PetsPolicy/FeeSchedules/FeeSchedule/@group CurrencyAmountGroup.
- Added element DressCodes of type DressCodeType recurrence 0..1 to OTA_HotelContentDescription/AreaInfoType/Recreations/Recreation/DressCodes.
- Added element DressCodes of type DressCodeType recurrence 0..1 to OTA_HotelContentDescription/AreaInfoType/Recreations/Recreation/RecreationDetails/RecreationDetail/DressCodes.

HotelRatePlan

- Added attribute LoyaltyPointEligibleInd of type xs:Boolean, optional, to OTA_HotelCommonTypes/HotelRatePlanType/@LoyaltyPointEligibleInd.