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2012B XML Message Suite

Schema Publication Release Notes

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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 made publicly available for download (at no charge) typically twice a year.

By using OpenTravel schema in their message frameworks, implementers benefit from a consistent data exchange through the OpenTravel Lexis—which is OpenTravel’s method of providing a consistent vocabulary for the travel industry via our unique common information exchange model (CIEM).

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.

The maturity of OpenTravel’s CIEM and XML schema suites—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.

Key Facts...

Company

- Membership funded, not for profit organization
- Founded in 1999
- Valyn Perini, CEO
- Bonnie Lowell, Specification Architect

Specification

- Open source
- Free for all implementers
- OpenTravel 1.0 XML Message Suite
- OpenTravel 2.0 XML Object Suite



For more information on OpenTravel membership, please visit our website at <http://opentravel.org/Join/Default.aspx>

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 new schema messages and changes to 2012A schema.
2. Refer to the *OpenTravel 2012B 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.
3. View OpenTravel Solution Scenarios ([available from the OpenTravel Wiki](#)) designed to educate implementers on the functionality within the OpenTravel Specification by serving as a library for code samples, best practices, and technical white papers; showcasing solution examples that are generic examples that can be re-used, repurposed or extended by developers; and showcasing schema components that provide common functionality and easy integration into corporate solutions, enabling the implementer to be more efficient and consistent in building those solutions.
4. View the OpenTravel 1.0 XML Message Suite Schema Delta guide (included in the publication download) for an overview of differences (delta) in schema message functionality from the 2012A publication to the 2012B publication. For each corresponding 2012A and 2012B schema XSD, there is a link in the XML Message Suite Schema Delta guide to a browser-based file that contains the results of the schema comparison in output delta format.
5. All actioned 2012A specification (schema) comments and (new) OpenTravel 2012B project team work are included in this 2012B Publication.

Key OpenTravel Online Implementer & Member Resources

You can find the answers too many of your questions on the OpenTravel Implementers Forum website:

OpenTravel Implementers Forum

OpenTravel has an extensive discussion Forum to provide an implementation resource for users of its schema, called *the OpenTravel Forum*, which has all the functionality members expect from a full-featured discussion board, with forums for:

- Architecture
- Hospitality
- Transport
- Travel Services
- Tours and Activities
- Implementers Discussion

Members can post a question and get an answer from a moderator. Also included are OpenTravel documentation, mailing list subscription, events and announcements, and feedback boards, as well as the OpenTravel Showcase where companies that provide tools, services or technologies to assist in the implementation of OpenTravel schemas can post about their offerings. Note that priority support is provided to OpenTravel member company participants on the Implementers Forum.

Specification Comments

All implementers are welcome to submit comments to enhance the OpenTravel specification. Comments may be submitted at: <http://opentravel.org/Specifications/CommentOnSpec.aspx>

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 a schema supporting artifact, 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 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 team's serve as the primary method for introducing major enhancements into OpenTravel schema products as 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 team work produces a variety of artifacts, including use cases, capability maps, process models, business glossary terms and solution scenarios.

Enhanced Schema

Air

- Additional indicator attributes are now supported in the AirSeatMap messages for Air Travelers, including InfantHasSeatInd, SSRInd, UnaccompaniedMinorInd, OxygenRequiredInd, PetInCabinInd, and ServiceAnimalInd.
- Two additional indicator attributes are now supported for Air Travelers in the common AirTravelerType: ETicketInd and GroupInd.
- Seat information is now supported in row details.
- “All” has been added as a cabin class type enumerated value.
- Fare basis code is now supported in flight segments.

Hotel

- Prepayment rules are now supported for hotel group booking
- Total commission for all rate segments is now supported in hotel reservations