

# Work Group Updates



**2010 ADVISORY FORUM**

# OpenTravel Hospitality Workgroup Update

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# 2009A Enhancements Overview

(1 of 3)

- Availability Messages Enhancements
  - **Map requirements and definition for search criteria**
    - OTA\_HotelAvailRQ: Added reference to MapRequestedGroup attribute group
  - **Rate conversion source & additional unique identification information**
    - OTA\_HotelAvailRS: Added attribute to CurrencyConversion element; Added attribute group to Services element



# 2009A Enhancements Overview

(2 of 3)

- Inventory Message Enhancements
  - **New guarantee information for groups**
    - OTA\_HotelInvBlockNotifRQ: New InvBlock element
- Reservation Message Enhancements
  - **Support for Dynamic Packages**
    - OTA\_HotelReservation: New complex types - ResGuestType & ServiceType
- Cancellation Message Enhancements
  - **Who cancelled the reservation and why**
    - OTA\_CancelRQ: Added attribute to Reason/ Added CancellationContactPerson element



# 2009A Enhancements Overview

(3 of 3)

- OTA\_HotelCommonTypes
  - **Search & Availability Functionality**
    - Added attribute to AvailStatusMessageType
  - **Geo Positioning Functionality**
    - Created MapRequestedGroup attribute group
  - **Rates & Inventory Functionality**
    - Added attributes to AmountType
    - Added element to BaseInvCountType
    - Added attributes to RequiredPaymentsType
    - Added attribute to RoomRateType
    - Added attributes/elements to RoomStayType
  - **Descriptive Information Functionality**
    - Added attributes to BasicPropertyInfoType
    - Added attribute/element to HotelSearchCriterionType



# Upcoming 2010B Enhancements

(1 of 3)

- A new Project Team Proposal has been submitted for “Change Discovery Service – Enhanced Cache Support”
  - *Status:* Proposal being finalized, OpenTravel Hospitality WG review/ acceptance meeting planned for mid-May, IO Committee review/acceptance to follow WG review/acceptance
  - *Scope:* A new message pair will be created
    - This will alleviate significant challenges of supporting high numbers of users, complex queries, out of sync caches
    - Caching has been broadly adopted as an effective CRS buffering technology within the hotel industry
    - A two step process for partners that have implemented caching solutions
      - Partner B sends a request to Partner A to pre-query rates and availability
      - Partner A responds with a list of properties that should be updated in Partner B’s cache
      - Partner A then sends a request to Partner B to get updated rates and availability



# Other Related Projects

(1 of 2)

- OpenTravel Data Dictionary/ Type Library for Hotel Messages
  - *Status*: In-progress
  - *Scope*: As a part of the broader Architecture WG “OpenTravel Data Dictionary/Type Library Definition” project, all OpenTravel Hospitality messages will be included.
  - The OpenTravel Data Dictionary/Type Library definition includes:
    - **XPath to elements & attributes** (e.g. OTA\_HotelAvailRQ/AvailRequestSegments/AvailRequestSegment/)
    - **Element & attribute Names** (e.g. HotelReservationID and @ResID\_Type)
    - **Element & attribute Data Types** (e.g. StringLength1to32)
    - **Element & attribute cardinality and use** (e.g. 0..1, optional, required)
    - **Enumerations for xs:NMTOKEN types** (e.g. Live, Very Recent, Less Recent)
    - **Element & attribute Annotations** (e.g. "A boolean flag that indicates the response message should include availability and rates that do not span the complete stay.")
    - **Schema names** where the elements, attributes and type are defined and used (e.g. OTA\_HotelAvailRQ, OTA\_CommonTypes)




# Other Related Projects

(2 of 2)

- OpenTravel Code List Navigator: Hotel
  - *Status:* In-progress (estimated completion June 2010)
  - *Scope:* The OpenTravel Code List Navigator for Hotel Messages is a spreadsheet-based tool for all cycles of OpenTravel-enabled system implementation, including design, development and QA.

Sorted by  
Message  
Name



Status: In-progress

NOTE: This is an ongoing project as OpenTravel schema changes on a per release basis. Please click on the link below to have your name added to a mailing list that will notify you when an OpenTravel Codes List Navigator file has been updated.

[Sign-up for OpenTravel Code List Navigator Updates](#)

**OPENTRAVEL CODE LIST NAVIGATOR: HOTEL MESSAGES (v 2010A)**

CAT.	OpenTravel Schema Name	Element Name/ Attribute Name (XPath)	Referenced OpenTravel Code Lists	Link to Code List	Notes
HOTEL	OTA_HotelAvailGetRQ/RS	BookingChannel/@Type	BCT - Booking Channel Type	<a href="#">GO TO</a>	Specifies a source for bookings (reservations), such as Global distribution system, Tour operator system (TOS) and Internet.
HOTEL	OTA_HotelAvailGetRQ/RS	CompanyName/@TravelSector	TVS - Travel Sector	<a href="#">GO TO</a>	Specifies a travel sector, such as Air, Car and Rail.
HOTEL	OTA_HotelAvailGetRQ/RS	Error/@Code	ERR - Error Code List	<a href="#">GO TO</a>	Specifies the error to be returned.
HOTEL	OTA_HotelAvailGetRQ/RS	Error/@Type	EWT - Error Warning Type	<a href="#">GO TO</a>	Specifies the type of an error or warning, such as No implementation, Authentication and Application error.
HOTEL	OTA_HotelAvailGetRQ/RS	GuestCount/@AgeQualifyingCode	AQC - Age Qualifying Code	<a href="#">GO TO</a>	Specifies an age qualifier for a passenger or customer, such as Over 21, Child and Young Driver.
HOTEL	OTA_HotelAvailGetRQ/RS	HotelRoom/@ArchitecturalStyle	ARC - Architectural Style	<a href="#">GO TO</a>	Specifies an architectural style, such as Modern, Traditional, etc.

**XPath to Attribute**

**Code List Name**

**Code List Description**

**Link to Code List**





# Transport Workgroup Update

Bonnie J. Lowell  
OpenTravel



# Projects Snapshot (1/5)

## • **Vehicle Rental No Show Fees**

- *Status*: In-progress
- *Overview*



- The core of this proposal is to enhance the existing OpenTravel vehicle messages to disclose a "no show fee" to the customer and support the collection of the fee.
- This involves adding content to the existing messages to indicate on which vehicles a fee applies and the rules and conditions that govern the fee.
- In addition, this requires some additional processing to validate that required information is provided at booking time.



# Projects Snapshot (2/5)

- **Electronic Miscellaneous Document Information (for Air Messages)**

- *Status*: Proposal completed; WG review scheduled
- *Overview*



- Electronic miscellaneous document (EMD) business functionality in OpenTravel air messages will allow OpenTravel implementers to exchange fee-related information (that is separate from a fare) for items and services passengers can purchase to enhance their travel experience.
- These items and services include inflight amenities such as meals and entertainment and the sale of merchandise.
- Additionally, other EMD fees, such as fees for baggage charges may be exchanged.
- EMD's are stored in a reservation system (in conjunction with a booking transaction) if there is any relationship to a PNR (passenger name record) and are stored in ticketing segments if there is any association to an eTicket.



# Projects Snapshot (3/5)

- **Enhanced Rail Schema**

- *Status*: Proposal completed; WG review scheduled
- *Overview*



- This project will increase the business functionality of OpenTravel rail messages and provide a richer set of information that can be utilized by (and exchanged between) internal and external clients and trading partners.
- The messages that will be developed by the OpenTravel rail project team provide new business functionality that is not present in existing OpenTravel rail messages, including ticketing, call center and station, pricing and fares and passenger services. New descriptive information would include train schedules, train status and other descriptive train information.



# Projects Snapshot (4/5)

- **Recently Completed Projects**

- Vehicle Reservation Transfer Notification

- OTA\_VehResNotifRQ/RS.xsd: These new messages address a common vehicle rental business need to be able to bulk transfer entire reservations between computer systems.
    - Existing OpenTravel messages supported requesting new reservations and retrieving existing reservation information in a client/server style pull operation, however, they did not support transferring bulk reservation information in a notification style push operation like the new messages do.
    - The new messages provide bulk transfers of vehicle reservations, supporting system notification of changes made to reservations on another system so the two systems can be kept in sync with each other.



# Projects Snapshot (5/5)

- **Upcoming Projects**

- Vehicle rental caching policies
  - Support for trading partners with dynamic caches, including stopsell and threshold support
- Carbon emissions reporting
- Others??



# Recent TIWG projects

Tony Williams  
Travel Technology Initiative Ltd



# Recent TIWG projects

- Dynamic Packaging
  - Avail, Book & Modify for Air & Hotel
    - Published in December 2008
      - Championed by US Airtours
  - Avail, Book & Modify for Car Rental and Package Options
    - Published in March 2010
      - Championed by US Airways



# Recent TIWG projects

- Profiles
  - Merge & Modify
    - Published in June 2009
      - Championed by Amadeus
- Loyalty Programs
  - Enhancements for flight details and currencies
    - Published in March 2010
      - Championed by Amadeus



# Current TIWG Projects

- Tours

- Availability and Book

For publication in December 2010

- Championed by RezGo and TravelAlberta



# New Project Roundtables



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# Objectives

- Meet like-minded companies for collaboration
- Determine messaging goals
- Define a possible project
- Identify participants here and potential participants who aren't here
- Create a project proposal
- Set up timetable for calls
- Start talking!

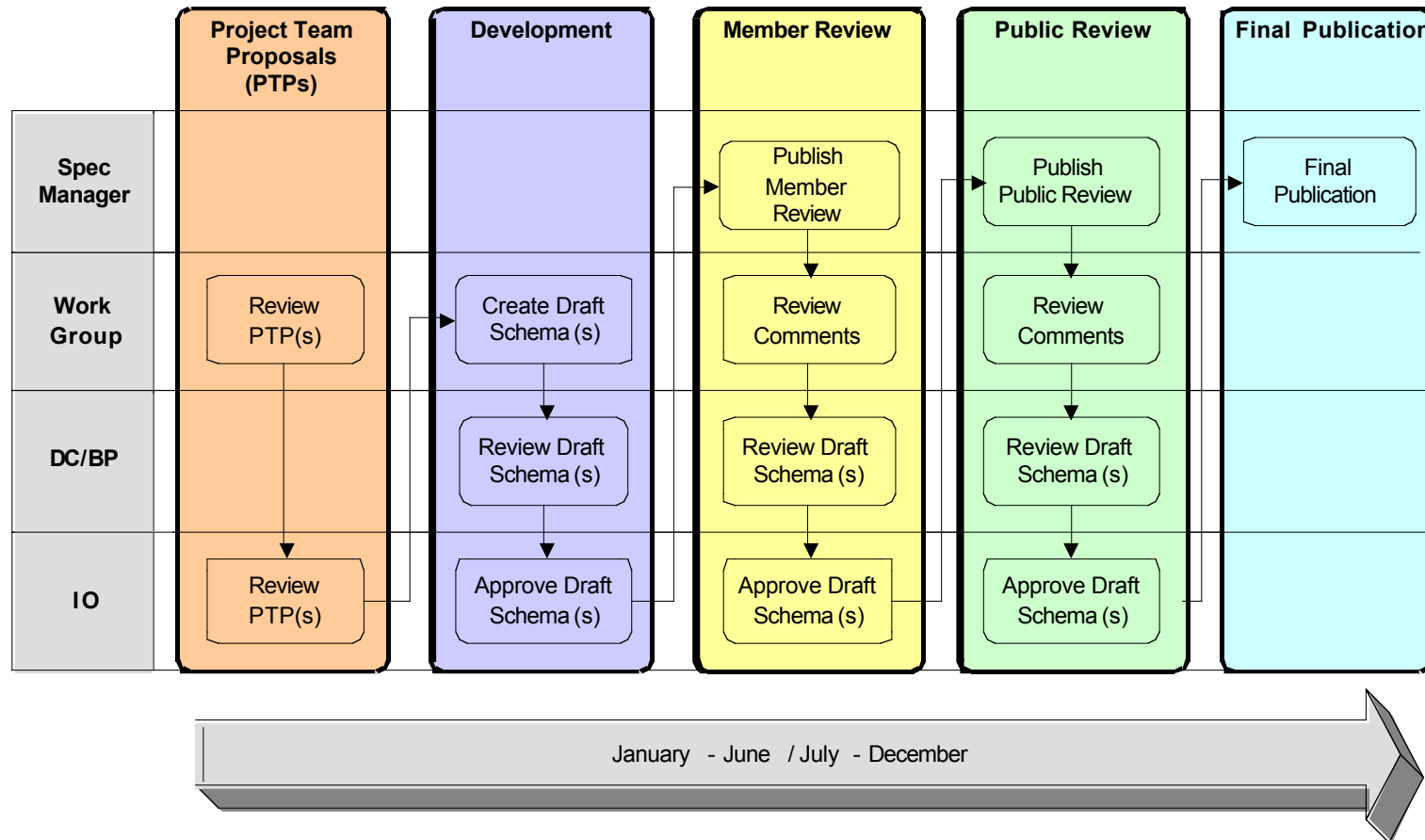


# Process

- Tables set up for discussions
- Pick your topic
- Bring your messaging needs to the table
- Find common ground
- Project proposal forms and 2008B calendars at each table
- An OpenTravel member or staff at each table to help facilitate



# OpenTravel Release Process



# Project Team Proposals

- Members suggest projects and find other members who need the same work
- Project team members create the PTP (with assistance from spec managers)
- PTP is a 3-4 page document outlining the business problem and describing the work to be done to solve that problem
- Project can be a study, business requirements definition or actual schema development
- Work groups and IO approve project and work begins



# Follow Up

- Sign up sheet at each table
- Staff will review notes from each discussion
- Will reach out via email to participants
- Determine if there is enough interest to create a project team and start work!



# Project Topics

- Tours and Activities
- Mobile
- Vacation Home/Villa/Apartment Rental
- Groups and Meetings
- Hotel Messages
- Search
- OpenTravel 2.0
- Open Discussion

