Resort Information Syndication Specification

Version: 2.2



Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| 02/04/2011 | 0.1 | Initial document | Anirudh Vyas |
| 02/09/2011 | 1.0 | Updated Feed file naming conventions, syndication platform architecture details | Krishna Patchipulusu |
| 02/28/2011 | 1.1 | Updated XSDs, removed individual unit feeds and added aggregated Unit info feed, area info feed | Krishna Patchipulusu |
| 03/23/2011 | 1.2 | * Added – feed location details (secure FTP server, feed directories) * Data type is separated from notes column into separate column for all feed specifications. * Data types and field group names are updated to match with XSDs. * Additional field descriptions, example values are added for some fields in notes column. * Added - Language codes * Configuration of bedding feed is removed as it was part of room facts field group. * Feed file naming examples are corrected for full feed and incremental / daily changes. * Deposit Rules Guide Only Information Feed is removed from distributed feed list. * Data type is corrected for few fields in XSD and sample xmls are updated. | Krishna Patchipulusu |
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Technical Specification

# Introduction

As part of PIM project, a new, single, WER centralized text-based Product Information Management system (PIM) will replace EVS1, DBL and 3rd party Black Dot as the source for WER’s current set of Resort Information (RI) and Urgent Information (UI) data. Upon deployment, All WER channels and business groups that use these source systems today will move to PIM as their new source system for RI and UI data. The future state resort information & Urgent Information stored in PIM will be made available to all current recipients in form of XML files via Secure FTP.

## Purpose of this Document

The purpose of this document to define specification for distribution of future state Resort data in form of feeds from new product information management system (PIM) to XML Business partners, Blackdot and various WER Global Systems (Latam, Europe etc.). This document attempts to define the following:

* The resort data distribution format
* Resort Entity Hierarchy
* Resort data feed files definition
* Syndication Delivery mechanism
* Feed(s) refresh rate
* Estimated payload size
* Protocol to be used for data downloads

## Intended Audience/Clients for this specification

This Document is intended to be used by:

* XML Business Partners
* Blackdot
* Services/Technical Integrators
* RCI Affiliates
* Mashup applications planned in future

## Brief generalized definitions

### Feed

A feed is an aggregation of content (in form of entries) in an understandable and predictable format that appears in most updated form whenever retrieved; This specification focuses on providing aggregation of fine grained resort information (categorized in form of fields) in XML format with its descriptions tightly laid out in corresponding XSD. A feed can also in future be aggregated into another feed (a feed composed of other feeds) again as parties agree based on mutual technical and business needs and understanding.

### Technical Definitions

A *feed* is composed of collection of entries with each entry related to a particular resort code/identifier and a locale in which it is being provided. Number of such entries present in fee file is variable;

A feed may be empty, which simply means no data either has been added or is awaiting some further analysis; however it was agreed upon to have the framework or structure ready for feeds to be published.

A feed has one to one relationship with XML; typically a feed corresponds to a published XML and has a backing XSD describing entry structure etc.

A feed may be aggregated to form higher order feed where feed may become entries themselves in such a higher order feed. In such cases resort identifier and locale may represent a single entry inside the feed; however; the structure of such an aggregate feed will remain the same, as feed would still contain entries and each entry would be associated with a resort identifier and a locale, in this case an entry is equivalent of a feed.

An *Entry* is composed of:

Resort identifier

Locale

Base entity (base entity with one-to-one relationship with any entry)

Base entity may contain fixed set of fields (which can be entities themselves, refer to Xml Schema linked with this specification).

# Technical conventions and assumptions

All files produced will be named all lower cases with words separated by hyphen to allow for portable xmls supported across all platforms.

All feed files produced will follow naming convention <File>-<language code>-<Feed type>-<datetime>.xml

<File> - Indicates the Resort data attributes category (feed)

<language code> - indicates content language

<Feed type> - describes feed file contains incremental (i) changes or full (f) data.

<datetime> - indicates when file is created. Date format will be yyyyMMddHHmmss

<datetime> will be appended only for daily incremental feed file names and <datetime> will not be part of weekly feed file names.

All feeds are strictly typed, with fields as listed below and details within XML schema definition linked (and provided separately) along with this specification.

Feeds if needing consolidation or aggregation would require changes are made to feed XSD and some adjustments to delivery mechanism of files.

Feeds are loosely based on ATOM syndication format (although not completely) (format of feed to entry have one too many relationship); At this point in time though it has to be assumed that there will be no dynamic web oriented subscription model to different feeds to which users of the feeds or this spec may subscribe to, although in future we may support such a need depend on parties agreeability. For more on delivery mechanism, protocol and overall architecture, refer to Resort Information Syndication Model Specification

# Data Syndication Architecture



## Syndication Platform Delivery Details



A Syndication pipeline works in following three simple steps:

1. ETL system pulls data from Enterprise data warehouse.



1. Using its pre-define source target pair and XML Schema definitions laid out and distributed, transforms the data to generate XML files.



1. ETL system will pushes the generated XML files out to a file server where clients may pick it up / download via SFTP.

## Syndication Push-Rate Specification

Syndication pushes are categorized into two types:

1. **Weekly push:** A weekly push will provide complete refresh for all the feeds available with current data consumed from EDW by syndication platform. This will roll off the current feeds to history and will refresh the location with all new content and files. Clients will be “required” to grab feeds as per their requirement; it is however recommended that clients synchronize weekly for ALL feeds to get a fresh aggregation of feeds to provide consistent most accurate resort data.
2. **Daily Incremental or Delta Push:** A daily changes (delta feed) will be obtained by syndication platform from enterprise data warehouse to push the updated resort feed XMLs to the file server on a daily basis, thus providing a daily most consistent and current snapshot of resort information to our business partners, integrators, affiliates, regional partners.

\*\* Refer to Feed Refresh schedule section below for Actual timings for refresh jobs mentioned above



## Client Expectations

Clients must use XML schema definition to serve as the source of Resort Information hierarchy provided to them; a sample generated XML also distributed along with the specification serves as a good starting point of how the actual XMLs may look like.

* Clients must also have access to an appropriate FTP client and must use credentials provided.
* Clients must not expect the frequency of refreshes be less than a day for any sort of resort information; (Refer to previous page for refresh rates/syndication-push-rates for more details)
* There is no dynamic aggregator of the feeds currently available, in future if such a supported feature is needed; it will be on mutual understanding.
* Feeds may be aggregated on client end (in theory and in practice) and used as intended to be, however in such an aggregation there shall be no guarantee that the data will be consistent; The consistency of data relies and is tightly coupled with XML Schema definition, this means that if schema definitions is not used strictly for understanding XMLs the applications consuming such XMLs may break at some point when XML Schema definitions change based on mutual understanding between RCI and this specification clients.
* Under an event where there is a feed entry type change (the type of feed entry or the entity which represents feed entry has changed (e.g. a field was added with a complex entity type); the entire feed must be refreshed; In such a scenario, there will be no refreshes until the XML schema definitions have been changed and it has been mutually agreed upon to do complete refreshes and the new XML schema definitions have been distributed again. Such a change will incur a full refresh that normally occurs on a weekly basis. NOTE: In these circumstances it cannot be guaranteed that ALL of the resorts of different locales will carry the new field information or values, some may some may not; as the data is captured with delta refreshes the data will be available.
* Currently Feed XSDs are designed to have ATOM specification in mind; However it cannot be expected that affiliates or clients of this spec use XSD as a basis to use generated XMLs directly without any transformation logic on their end to display or syndicate resort information to their customers; The XSDs are written with future in mind, but there is no guarantee when standards like ATOM/RSS will be supported. Currently they are not.

## Syndicated Feed Structure

Feed files refreshed periodically (for refresh or push rates refer to [push rates](#_Syndication_Push-Rate_Specification) section) are pushed to the file server with following structure: (NOTE: All xml feed directories are in lower cases).

Syndication-push:

The following table has list of data feeds and corresponding XML structure specification file names that will be provided separately with this document.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Resort Data  Category** | **Resort Data Feed** | **XML Structure  Specification (XSD)** | **Full Feed File** | **Incremental File** |
| Resort | Resort Logistics Property | resort-logistics-property-facts-feed.xsd | resort-logistics-property-facts-feed-<language code>-f.xml | resort-logistics-property-facts-feed-<language code>-i-<datetime>.xml |
|
| Resort Accessibility Info | resort-accessibility-info.xsd | resort-accessibility-info-<language code>-f.xml | resort-accessibility-info-<language code>-i-<datetime>.xml |
| Resort Activity Info | resort-activity-feed.xsd | resort-activity-feed-<language code>-f.xml | resort-activity-feed-<language code>-i-<datetime>.xml |
| Resort Amenity Info | [resort-amenity-feed.xsd](svn://10.54.223.125/u02/opt/SVN/Digital_Library/trunk/Releases/2011/June/PIM/detailed-design/data-integration/technical-specification/binding/resort-amenity-info/resort-amenity-feed.xsd) | resort-amenity-feed-<language code>-f.xml | resort-amenity-feed-<language code>-i-<datetime>.xml |
| Resort Dining Info | resort-dining-info.xsd | resort-dining-info-<language code>-f.xml | resort-dining-info-<language code>-i-<datetime>.xml |
| Resort All Inclusive Info | resort-all-inclusive-info.xsd | resort-all-inclusive-<language code>-f.xml | resort-all-inclusive-<language code>-i-<datetime>.xml |
| Resort Nearby Airports | resort-airport-feed.xsd | resort-airport-feed-<language code>-f.xml | resort-airport-feed-<language code>-i-<datetime>.xml |
|  |  |  |  |  |
| Unit | Unit Amenity | resort-unit-info.xsd | resort-unit-info-<language code>-f.xml | resort-unit-info-<language code>-i-<datetime>.xml |
| Unit Furnishing |
| Unit Room Facts |
| Unit Configuration of Bedding |
| Unit Kitchen Info |
|  |  |  |  |  |
| Urgent Info | Need to Know Urgent Info | urgent-info.xsd | urgent-info-<language code>-f.xml | urgent-info-<language code>-i-<datetime>.xml |
|  |  |  |  |  |
| Guide-only-internal-info | Resort notes / filters info | guide-only-internal-info.xsd | guide-only-internal-info-<language code>-f.xml | guide-only-internal-info-<language code>-i-<datetime>.xml |
|  |  |  |  |  |
| Area Information | Resort Region / area info | area-info.xsd | area-info-<language code>-f.xml | area-info-<language code>-i-<datetime>.xml |

## Feed Client Mode of Access

Currently modus operandi for accessing updated or refreshed feeds will be usage of SFTP to access file server on which generated feed xmls will be populated (refer to push rates section). Pre-requisite software needed for client would be a secure FTP client with IP address and credentials as granted by RCI based on mutual understanding.

Please note that, the plan is to use the same SFTP server that is being used for current state resort data distribution. Data feed (XML) and feed-binding (XSD) files will be stored in the directories on secure FTP server as mentioned below.

\RESORT DIRECTORY

+---**rd-synd-dev**  (\*\* directory used for testing in non prod environment)

| +---feed (\*\* all XML feed files for current week will be kept in this directory)

| | \---history (\*\* all XML feed files of one week old will be kept in this directory)

\---**rd-synd-prod** (\*\* production directory for data distribution)

+---feed

| \---history

The data syndication XML file will follow the naming convention mentioned in section 2 (Technical conventions & assumptions).

Example:

XML File name for Resort data delta feed “Resort Logistics Property Facts” will be “resort-logistics-property-facts-en\_US-i-20110209030407.xml”

XML File name for Resort data Full feed “Resort Logistics Property Facts” will be “resort-logistics-property-facts-en\_US-f.xml”

Below are the actual server URL and directory structure details, partners can download current week of resort feed files (Full or incremental daily changes/delta feed) from appropriate <Language> directory under Feed folder, and 1 week older feed from feed/history directory. RCI Team will inform you of future changes to the server URL or folder structure when RCI intend to change these details.

The FTP server’s DNS is: **secureftp.rci.com**

Below are the Non production directories.

[/](https://secureftp.rci.com/human.aspx?r=391580530&Arg12=folders)[Distribution/](https://secureftp.rci.com/human.aspx?r=391580530&Arg12=filelist&Arg06=364872)[Data-Transfers/](https://secureftp.rci.com/human.aspx?r=391580530&Arg12=filelist&Arg06=172833)[ResortDir/](https://secureftp.rci.com/human.aspx?r=391580530&Arg12=filelist&Arg06=635085208)[RD-SYND-DEV/](https://secureftp.rci.com/human.aspx?r=391580530&Arg12=filelist&Arg06=694392859)[Feed/](https://secureftp.rci.com/human.aspx?r=391580530&Arg12=filelist&Arg06=695376872)

[/](https://secureftp.rci.com/human.aspx?r=391580530&Arg12=folders)[Distribution/](https://secureftp.rci.com/human.aspx?r=391580530&Arg12=filelist&Arg06=364872)[Data-Transfers/](https://secureftp.rci.com/human.aspx?r=391580530&Arg12=filelist&Arg06=172833)[ResortDir/](https://secureftp.rci.com/human.aspx?r=391580530&Arg12=filelist&Arg06=635085208)[RD-SYND-DEV/](https://secureftp.rci.com/human.aspx?r=391580530&Arg12=filelist&Arg06=694392859)[Feed/](https://secureftp.rci.com/human.aspx?r=391580530&Arg12=filelist&Arg06=695376872)[History/](https://secureftp.rci.com/human.aspx?r=391580530&Arg12=filelist&Arg06=695966196)

Below are the production directories.

[/](https://secureftp.rci.com/human.aspx?r=1325693110&Arg12=folders)[Distribution/](https://secureftp.rci.com/human.aspx?r=1325693110&Arg12=filelist&Arg06=364872)[Data-Transfers/](https://secureftp.rci.com/human.aspx?r=1325693110&Arg12=filelist&Arg06=172833)[ResortDir/](https://secureftp.rci.com/human.aspx?r=1325693110&Arg12=filelist&Arg06=635085208)[RD-SYND-PROD/](https://secureftp.rci.com/human.aspx?r=1325693110&Arg12=filelist&Arg06=694358045)[Feed](https://secureftp.rci.com/human.aspx?r=1325693110&Arg12=filelist&Arg06=695269564)/

[/](https://secureftp.rci.com/human.aspx?r=1955511026&Arg12=folders)[Distribution/](https://secureftp.rci.com/human.aspx?r=1955511026&Arg12=filelist&Arg06=364872)[Data-Transfers/](https://secureftp.rci.com/human.aspx?r=1955511026&Arg12=filelist&Arg06=172833)[ResortDir/](https://secureftp.rci.com/human.aspx?r=1955511026&Arg12=filelist&Arg06=635085208)[RD-SYND-PROD/](https://secureftp.rci.com/human.aspx?r=1955511026&Arg12=filelist&Arg06=694358045)[Feed/](https://secureftp.rci.com/human.aspx?r=1955511026&Arg12=filelist&Arg06=695457845)[History/](https://secureftp.rci.com/human.aspx?r=1955511026&Arg12=filelist&Arg06=695968152)

In a scenario where client application / new partner needs to refresh their system with latest resort content for all active resorts, partner needs to download all feed files from Feed directory then first import full feed files then import all delta feed files in chronological order based on by timestamp portion of feed file names in ascending order. Example: Tuesday feed need to be imported into client system after Monday delta feed is successfully imported.

The feeds are generated for each language enabled in RCI Systems for syndication and kept in appropriate <Language> subdirectory under “Feed”.

## Feed Refresh Schedule

Below are approximate timings when production feed will be refreshed on secure FTP server.

Incremental changes feed: Monday thru Saturday at around 03:00 AM EST.

Full Feed: once a week, every Sunday at 08:00 AM EST.

Please note that the timings specified above are regular upload times. There are occasions where a feed will be late or considerably delayed. While we cannot guarantee exact delivery times for feeds, recommendation is that feed recipients to implement more flexible automated feed process that will take these delays into account.

# Feed Specification

All the above sections in this doc covers how feeds will be delivered, what will be payload like (format) and how often the feeds will be delivered and walked through a sample client application usage scenario. Refer to introduction for details about structure of feed and what does it constitute. As formalized in XSDs following feeds will be provided: (in total 11 feeds)

Resort Logistics and property facts Feed

Resort Activity Feed

Resort Amenity Feed

Resort All Inclusive Information Feed

Resort Accessibility Information Feed

Resort Dining Information Feed

Resort nearby Airport Information Feed

Resort Unit Information Feed

* Room Facts Feed
* Configuration of Bedding / bed features
* Unit Amenities Feed
* Unit Furnishings Feed
* Kitchen Information Feed

Need to Know / Urgent Info Feed

* Amenity Closure Info
* Construction / Remodeling Info
* Mandatory Fees Info
* Housekeeping Fees Info
* Resort Fees Info
* Policy Restrictions
* Points Checkin Capabilities
* General Urgent Info
* Legacy Urgent Info

Internal Guide Only Information Feed

Area Information Feed

### Format of Feed descriptions

| Field Group | Field Names | Data Type | Details |
| --- | --- | --- | --- |

Field Group – Defines field group under which fields fall onto. A field groups forms the “type” or base ground type of fields.

Data Type: Describes data type of XML field.

Details: Defines some basic description, business relevance, mandatory nature of the field (Required or Optional).

\*\* XML sub field group: describes xml field group name when there is complex type defined under main /parent field group. This is documented only for some of the feed structures for field group clarification purpose. Refer to XSD for more clarification on this.

Refer to Resort data syndication attributes spread sheet for field lengths, where field length is not specified, it is recommended to use min. of 3000 characters. This spread sheet contains complete list of data attributes that will be syndicated via corresponding XML feed files. In case of data missing for any data attribute, corresponding xml element will not be present in relevant xml feed file.

# Feed Appendix

## Resort All Inclusive Information Feed

XML file: protocol://${server-name}/${context-root}/feed/resort-all-inclusive-info.xml

XSD file name: protocol://${server-name}/${context-root}/feed-binding/resort-all-inclusive-info.xsd

**Description:** This file includes the all-inclusive facilities and services available at the resorts. GolfCourse, resort fee, restaurant, tour are repeatable groups. Resort may have multiple golf courses, restaurants, tour details etc.

|  |  |  |  |
| --- | --- | --- | --- |
| Field Group | Field Names | Data type | Details |
| golfCourse | Name | String | This is the name of the golf course.  Optional. |
| Rating | String | This represents rating of the golf course. *Optional*. |
| designedBy | String | Name who designed the golf course. *Optional*. |
| courseRecord | String | This field describes past history record (stokes, player & year) of the golf course. *Optional.* |
| Proximity | String | Possible values are - Onsite, Nearby, Offsite. *Optional.* |
| distanceInKms | Double | This is the distance of the golf course from the resort in Km. *Optional.* |
| distanceInMiles | Double | This is the distance of the golf course from the resort in Miles. *Optional.* |
| Established | Integer | The year on which the golf course is established. *Optional*. |
| feeIncluded | String | This field specifies whether fee is included or not. *Optional.* |
| lengthInYards | String | Length of golf course. *Optional.* |
| Map | String | Link to Map of golf course. *Optional.* |
| numberOfHoles/value | String | Number of holes in the golf course. *Optional. Repeatable element* |
| Par/value | String | Par number in the golf course. *Optional. Repeatable element.* |
| pricingDiscount | String | This field describes pricing or discount pricing for RCI customers. *Optional.* |
| teeTimes | String | This field represents tee times. *Optional.* |
| tournamentsHosted | String | The tournaments that the golf course holds. *Optional.* |
| Type | String | This field represents type of the golf course. *Optional.* |
| Website | String | This field contains the website url of the golf club. *Optional.* |
| additionalCost | String | This field contains the Golf additional cost. |
| **golfDescription** | **String** | **This field describes the Golf.** |
| Fee | Fee | String | This field contains the value of Resort Fee. *Optional*. |
| Currency | String | This field describes the fee currency used (e.g USD). *Optional*. |
| feeTypes/feeType | String | This field describes different types of all inclusive fees at resort. *Optional*.  This is repeatable element. E.g values: Adult, Additional Person, Couple, Teen, Child, Infant, Unit |
| stayLength | String | This field has the length of stay value. *Optional*. ex: Week, Day, 2 Days, 3 Days, 4 Days, 5 Days, 6 Days, Weekdays, Weekend |
| unitType | String | This field represents the Unit type. *Optional*. E.g values: Hotel, Studio, 1 Bedroom, 2 Bedroom, 3 Bedroom, Cabin, House, Apartment, Ranch, General. |
| unitName | String | This field contains the Unit name. *Optional*.  ex: Hotel, Studio, 1 Bedroom, 2 Bedroom, 3 Bedroom, Cabin, House, Apartment, Ranch, General. |
| promoID | String | Optional. |
| promoMsg | String | *Optional*. This field contains promotional description. |
| beginDate | Date | This is the begin date of the resort booking. *Optional*. |
| endDate | Date | This is the end date of the resort booking. *Optional*. |
| weekNumber/value | String | This is the number of week in the year. *Optional*. e.g: 0 to 52. Repeatable element. |
| Notes | String | This field contains the fee notes details. *Optional*. |
| minOccupancy | String | This is the minimum occupancy of the Resort unit. *Optional*. |
| maxOccupancy | String | This is the maximum occupancy of the Resort unit. *Optional*. |
| Privacy | String | This the privacy occupancy number of the Resort unit. *Optional*. |
| maxAdditionalPersons | String | Number of maximum additional persons allowable in a unit of the Resort. *Optional*. |
| maxTeenOccupancy | String | Number of maximum Teens allowed in a unit of the Resort. *Optional*. |
| maxInfantOccupancy | String | Number of maximum Infants allowed in a unit of the Resort. Data type is Numeric. *Optional*. |
| maxChildOccupancy | String | Number of maximum Child allowed in a unit of the Resort. *Optional*. |
| **countyResidence** | **String** | **Country of the residence of the member** |
| Fee | nonmem-fee | String | Optional. This fee is applicable to non members, should be used by business partners. When this field is empty/ not present in XML, then use member fee. (i.e element name: fee above) |
| nonmem-notes | String | Optional. This field contains non memer fee notes. It should be used by business partners. When this XML element is empty or not present then 3rd party partners should use member fee notes. (i.e element name: notes above) |
| feeGeneral | infantAge | Integer | Permissible infant age limit of the Resort. *Optional*. ex: 0,1,2,3,4,5 |
| infantFree | Integer | This field describes whether Infant is free in the Resort. *Optional*. |
| childAge | Integer | Permissible child age limit of the Resort. *Optional*.  Ex.values: 2,3,4,5,6,7,8,9,10,11,12,13,14 |
| teenAge | Integer | Permissible teen age limit of the Resort. *Optional*.  Ex values: 13,14,15,16,17,18,19,20 |
| depositRules | String | This field specifies the Deposit Rules for the Resort. *Optional*. |
| creditsUsableAtSisterResorts | String | This field specifies whether the Credits used are usable if the Resort is one of the sister Resorts. *Optional*. |
| prepayBenefits | String | This field describes the prepay benefits for the Resort. *Optional*. |
| prepayOption | String | This field describes about the prepay option for the Resort. *Optional*. |
| Tour | Durations/duration | String | This is the tour duration. *Optional*. Multi value / repeatable field. Parent element name in XSD is durations. |
| Restrictions/restriction | String | If there is some restriction in this tour then this field represents this. *Optional*. This is multi value / repeatable and parent element in XSD is Restrictions. Ex values: Back ache, Heart condition, Pregnancy, Other |
| activityTypes/Type | String | This field describes about the Tour type. *Optional*. Multi value field and parent element name in XSD is activityTypes. Ex values: Hiking, Trekking, Landscaping, Bus tour, Photo, Archeological, Adventurous |
| additionalSuggestions | String | This field describes about additional suggestion about the Tour. *Optional*. |
| departureInfo | String | This field contains departure information of the Tour. *Optional*. |
| departureTime | String | Optional |
| Description | String | This field describes the Tour details. *Optional*. |
| feeIncluded | String | This is the fee included in the Tour. *Optional*. |
| picturesLink | String | This field contains the links to the picture of the Tour. *Optional*. |
| lunchDrinksIncluded | String | This field describes that lunch and drinks are included in the Tour. *Optional*. |
| Notes | String | This field contains any note about the tour. *Optional*. |
| Cost | String | This field shows the cost of the Tour. Data type is String. *Optional*. |
| suggestedAges/suggestedAge | String | This field describes about the suggested age for the tour. *Optional*. ex values: Children, Adult, Seniors, All Ages. This is multi value field; parent element name in XSD is suggestedAges. |
| tourName | String | Optional |
| tourReview | String | This field contains review information of the tour. *Optional*. |
| ItemsIncluded/item | String | This field contains the list of items included in the Tour. *Optional*. Repeatable element. |
| watersportsSection | Type | String | This field describes the Watersport type available in the Resort. *Optional*. Repeatable element. |
| Restaurant | cuisineType | String | This field describes the types of Cuisine available in the Restaurant of the Resort. *Optional*. |
| dressCode | String | If there is specific dress code for the Resturant, then this field describes the dress code. *Optional*. |
| meantimeService | String | This field describes the meantime services if available. *Optional*. |
| reservationRequired | String | This field describes that whether prior reservation is required in the Resturant. *Optional*. |
| restaurantAwardDistinctions | String | This field describes the award achieved by the Resturant. *Optional*. |
| Name | String | Name of the Resort. *Optional*. |
| restaurantTypes/Type | String | This field describes the type of the Resturant. *Optional*. This is repeatable element. E.g values: Casual, Buffet, Family, Fine dining, Cafeteria, Pub, Bistro, Pizzeria, Adult only, Snack Bar etc. |
| roomServiceAvailable | String | This field describes about the room service availability of the Resturant. *Optional*. |
| sampleMenu | String | This field contains the sample menu of the Resturant. *Optional*. |
| websiteAddress | String | This field contains restaurant website address if any, Optional. |
| specialPromotion | beginDate | Date | This field contains the special promotion start date. XML Data type is DateTime. *Optional*. |
| endDate | Date | This field contains the special promotion end date. XML Data type is DateTime. *Optional*. |
| Message | String | This field contains the messages regarding the special promotion. *Optional*. |
| Name | String | This field contains the Promotion name. *Optional*. |
| **promotionDescription** | **String** | **This field contains the Promotion description.** |
| visitorRules | Value | String | This field describes the Visitor Rules. *Optional*. |
| resortId |  | String | This field contains the Resort code of the Resort. *Required*. |
| languageCode |  | String | This field describes the language code used in the Resort (e.g. EN). *Required*. |

## Resort Amenity Information Feed

XML file: protocol:///${server-name}/${context-root}/feed/resort-amenity-feed.xml

XSD file name: protocol:///${server-name}/${context-root}/feed-binding/resort-amenity-feed.xsd

**Description:** This file describes the property amenities and service amenities that the resorts have, such as ATM, Bar, Gift shop etc.

|  |  |  |  |
| --- | --- | --- | --- |
| Field Group | Field Names | Data Type | Details |
| Amenity | Name | String | This field contains the amenity name of the Resort. Data type is String. *Required*. |
| Proximity | String | This field describes the amenity proximity from the Resort. *Optional*. e.g onsite, offsite or nearby |
| distanceInKms | Double | This field describes how much distance to the amenity from the Resort in Kilometers. *Optional*. |
| distanceInMiles | Double | This field describes how much distance to the amenity from the Resort in Miles. *Optional*. |
| groupType | String | This field describes amenity group, whether it is property amenity or service amenity (multi-lingual staff). |
| Amenity-detail | details/Value | String | This field describes about the particular resort amenity details. *Required*. Repeatable element. Some property amenities may have additional details. When details are present, details/detail /name attribute and value element will be used to populate those details. |
| resortId |  | String | This field contains the Resort code of the Resort. *Required*. |
| languageCode |  | String | This field describes the language code used in the Resort (e.g. EN). *Required*. |

## Resort Activity Information Feed

XML file: protocol:///${server-name}/${context-root}/feed/resort-activity-feed.xml

XSD file name: protocol:///${server-name}/${context-root}/feed-binding/resort-activity-feed.xsd

**Description:** This file describes the activities, attractions available at the resort property or nearby resort; like amusement, game, adventure etc. A resort may have multiple activities, attractions and recreation activities e.g beach, child care, playground etc.

|  |  |  |  |
| --- | --- | --- | --- |
| Field Group | Field Names | Data Type | Details |
| Activity | Name | String | This field contains the name of the activity. *Required*. |
| Proximity | String | This field describes the amenity proximity from the Resort. Data type is String. *Optional*. |
| distanceInKms | Double | This field describes how much distance to the activity from the Resort in Kilometers. Data type is Numeric. *Optional*. |
| distanceInMiles | Double | This field describes how much distance of the amenity from the Resort in Miles. Data type is Numeric. *Optional*. |
| groupType | String | This field describes activity type, i.e attraction activity, recreation activity |
| activity-detail | Value | String | This field describes about the particular activity details. *Optional.* Repeatable element. |
| resortId |  | String | This field contains the Resort code of the Resort. *Required*. |
| languageCode |  | String | This field describes the language code used in the Resort (e.g. EN). *Required*. |

## Resort Accessibility Information Feed

XML file: protocol:///${server-name}/${context-root}/feed/resort-accessibility-info.xml

XSD file name: protocol:///${server-name}/${context-root}/feed-binding/resort-accessibility-info.xsd

**Description:** This file describes the accessibility options available at the resorts.

|  |  |  |  |
| --- | --- | --- | --- |
| Field Group | Field Names | Data Type | Details |
| Features | Feature | String | This field describes the list of accessibility features of the Resort. *Required*. |
|  | Elevator | String | This field describes whether elevator facility is available in the Resort. *Optional*. |
|  | equipmentForDeaf | String | This field describes whether equipment for hearing is available in the Resort. *Optional*. |
|  | braileOrRaisedSignage | String | This field describes whether Braille or Raised signage is provided in the Resort. *Optional*. |
| resortId |  | String | This field contains the Resort code of the Resort. *Required*. |
| languageCode |  | String | This field describes the language code used in the Resort (e.g. EN). *Required*. |

## Resort Logistics Property Facts Feed

XML file: protocol:///${server-name}/${context-root}/feed/resort-logistics-property-facts-feed.xml

XSD file name: protocol:///${server-name}/${context-root}/feed-binding/resort-logistics-property-facts-feed.xsd

**Description:** This file contains resort logistics property facts information i.e resort contact details, property information, location details, check in and checkout details.

|  |  |  |  |
| --- | --- | --- | --- |
| Field Group | Field Names | Data Type | Details |
| Resort | Resortname | String | Property Name. *Required*. |
| Resort.Contact | emailAddresses | String | This field contains an email address of the Resort. *Optional*. This is repeatable element. |
| webAddresses | String | This field contains the Website url of the Resort. *Optional*. repeatable element |
| Telephones | String | This field contains the phone numbers of the resort. *Optional*. repeatable element |
| Faxes | String | This field contains resort fax numbers. *Optional*. Repeatable element. |
| Resort.contact.  Addresses | address-type | String | Address type of the resort contact. E.g Registered office or Cash Office etc. *Required*. |
| address-city | String | This field describes the city of the Resort. *Optional.* |
| address-countryname | String | This field contains the Country of the Resort. *Required*. |
| address-line1 | String | This is the detail address of the Resort. . *Required*. |
| address-line2 | String | This is the detail address of the Resort. Optional |
| address-line3 | String | This is the detail address of the Resort. *Optional.* |
| address-line4 | String | This is the detail address of the Resort. *Optional.* |
| address-postalCode | String | This contains the Postal code of the Resort. *Optional*. |
| address-state | String | This field contains the State code of the resort. *Optional*. |
| address-county | String | This field contains the County code of the Resort. *Optional*. |
| address-island |  | This field describes the Island name where the Resort is situated. *Optional*. |
| address-province | String | Optional. |
| Location | distanceToMajorCityInKms | Double | This field describes the distance to the Resort from the nearby major city in Kilometers. *Optional*. |
| distanceToMajorCityInMiles | Double | This field measures the distance to the Resort from the nearby major city in Miles. *Optional*. |
| distanceToNearestTownInKms | double | This field measures the distance to the Resort from the nearest town in Kilometers. *Optional*. |
| distanceToNearestTownInMiles | Double | This field measures the distance to the Resort from the nearest town in Miles. *Optional*. |
| drivingDirectionsFromNearestAirport | String | This field measures the driving distance to the Resort from the nearest major Airport. *Optional*. |
| elevationInMeters | Double | Height of resort in meters. Optional |
| elevationInFeet | Double | Height of resort in feet. Optional |
| Latitude | String | It describes the latitude in degree. Optional. |
| Longitude | String | It describes the latitude in degree. *Optional*. |
| carSuggestedToFullyEnjoyTheArea | String | Car suggested to fully enjoying area. *Optional*. e.g values: Yes or No. |
| accessibilityDuringSeasons | String | Resort accessibility during various seasons, routine road closures, etc.. *Optional*. |
| shuttleServiceToAirport | String | Resort transportation/shuttle service to airport (fees may apply). *Optional*. ex values: Yes or no |
| shuttleServiceToAreaAttractions | String | This field describes about the shuttle Service availability for area attractions / Shopping area. *Optional*. ex values: Complimentary or Fees |
| Parking | parkingAvailable | String | It describes types of Parking available at Resort. *Optional*. Repeatable element. Parent element name is Parking. Ex values: Self parking, Valet, On-site, RV, Motorcycle, Limited parking, Handicapped parking,  No parking. Required only when there is parent element is present in XML. |
|  | parkingFees | String | It describes parking fees. *Optional*. e.g values: Parking fees, Valet parking fees, None. This is a repeatable element. |
| publicTransportInfo | Type | String | It describes the type of Transportation. *Required* only when parent element publicTransportationInfo is present in XML. Ex values: Bus, Shuttle, Subway, Taxi, Train etc. |
| stationName | String | Train station name. *Optional*. |
| distanceInKms | Double | This field describes the distance to public transportation from resort in Kms. Data type is Double. *Optional*. |
| distanceInMiles | Double | This field describes distance in Miles to public transportation from resort. *Optional*. |
| frontDesk | resort-front-desk-info-isOnsite | String | This field specifies whether front desk is available onsite. *Required*. Ex values: yes or no. This element will be present in XML only when parent element frontDesk is present. |
| hours-of-operation-startTime | String | This field specifies front desk start time. *Required*. This element will be present in XML only when parent element frontDesk is present. |
| hours-of-operation-endTime | String | This field specifies front desk end time. *Required*. This element will be present in XML only when parent element frontDesk is present. |
| resort-front-desk-info-is24hours | String | This field specifies that front desk information is Twenty Four Hour available. This element will be present in XML only when parent element frontDesk is present. |
| checkInCheckOutInfo | checkInTime | String | Resort Checkin time in military hours. *Optional*. ex : 10:00 |
| checkOutTime | String | Resort Checkout time in military hours. *Optional*. ex : 14:30 |
| arrivalCheckInSpecialInstructions | String | Special instructions for Guest Arrival and Check In details like late/early check-in, keys, confirmations, unit assignment, upgrades, extra day/night stays, reception hours etc. *Optional*. |
| locationForCheckIn | String | Specifies location of check in facility. Data type is String. *Optional*. |
| weeksResortCheckInDays/ day | String | This field specifies the allowed check in days in a week. (e.g. Sunday) for Weeks user. Optional. Repeatable element. |
| pointsResortCheckInDays /day | String | This field specifies the allowed check in days in a week. (E.g. Sunday) for Points user. Optional. Repeatable element. |
| expressCheckInCheckout | String | Express check- in/check-out available at Resort. (e.g Yes or No) *Optional*. |
| afterHoursInstructions | String | After hours check in instructions like Lock Box Information/ Location, Emergency Phone # etc. *Optional*. |
| Highlights | resort-highlights | String | This specifies the highlight information of the Resort. *Required*. |
| destination-highlights | String | This specifies the highlight information of the resort destination. *Optional*. |
| unit-highlights | String | This specifies the resort unit highlights. *Optional*. |
| legacy-highlights | String | Optional. Data for this element will become stale over a period of time. When no data is present for all three fields i.e. resort-highlights, destination-highlights, unit-highlights then use legacy-highlights. |
| Nonmem-highlights | String | Optional. This field specifies Non member resort highlights. Business partners should refer this field for resort highlights, when this XML element is empty or not present, then partners should use resort-highlights above. |
| Strata | strata-description | String | This contains the strata description of the Resort. *Optional*. |
| strata-code | String | This contains the strata code of the Resort. *Optional.* |
| Resort | all-inclusive-code | String | Optional. Possible values are: M, N, O.  M – All inclusive Resort  N - Not applicable  O - Optional |
| all-inclusive | String | Optional. All inclusive description. |
| mapOfResort | String | This contains the link to Resort map. *Optional.* |
| numberOfFloors | Integer | Specifies number of Floors. *Optional*. possible values are: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26+ |
| recentlyRenovated | String | This specifies the year of most recent renovation done. *Optional*. e.g 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002 etc. |
| securityFeatures | securityFeature | String | This describes the security feature of the Resort. *Optional*. e.g Security fence with limited access, Security personnel |
| Resort | adultOnly | String | This describes whether the adult only has permission. *Optional*. e.g Yes or No |
| Orientation/feature | String | Resort Orientation. Optional. E.g Clothing optional, Topless optional, Gay and Lesbian. This is repeatable element. |
| petsAllowed | String | This describes whether Pets are allowed. *Optional*. |
| additionalInfo-helpYouFurther | String | This describes additional information. *Optional*. This field holds current state “help you further” info until data gets transformed into future state fields. |
| Fees | resort-fee-info-deposit | String | Specifies deposit / fees. Data type is String. *Optional*. |
| resort-fee-info-utility | String | Specifies Resort utility fees Yes or No. Optional. |
| resort-fee-info-clubFacilityCharge | String | Club facility charge – Yes or No. *Optional*. |
| resort-fee-info-touristTax | String | Tourist Tax – Yes or No. *Optional*. |
| resort-fee-info-departureTax | String | Departure Tax charge – Yes or No. *Optional*. |
|  | headLine | String | This field specifies one line pitch why people should stay at the resort. *Optional*. |
| air-conditioned-public-areas | String | Specifies Yes or No. Optional. |
| electricService/voltage | String | AC/DC/Voltage/Cycle. Repeatable element. Optional. E.g 110 V, 115 V, 120 V, 220 V, 230 V, 240 V |
| holiday-horizons | area-attractions | String | This specifies Local Attractions, Sights, Tours, day Trips etc. Data type is String. *Optional*. This group is to support RCI India Holiday Horizons information sheets at resort level. |
| Climate | String | This describes the climate. Data type is String. *Optional*. |
| furtherInformation | String | This contains the further information. Data type is String. *Optional*. |
| Introduction | String | This field contains the introductory notes about the Resort. Data type is String. *Optional*. |
| majorAirportsTransportation | String | This describes the transportation details to the major Airport. *Optional*. |
| Resorts | String | This is the list of Resorts under the Resort code. *Optional*. |
| specialNotesPrecautions | String | This contains the special precaution notes about the Resort. *Optional*. |
| checkInCheckout | String | This is the check in checkout information. *Optional*. |
| member-reviews-info | numberOfMemberReviews | Integer | Member reviews is optional, describes Number of approved ratings published. Data type is int. This element is present in XML only when parent element member-reviews-info is present in XML. |
| averageRating | Integer | Average number of stars. Data type is int. Optional. ex values: 0 to 5. This element is present in XML only when parent element member-reviews-info is present in XML. |
| resortId |  | String | This field contains the Resort code of the Resort. Data type is String. *Required*. |

## Resort Dining Information Feed

XML file: protocol:///${server-name}/${context-root}/feed/resort-dining-info.xml

XSD file name: protocol:///${server-name}/${context-root}/feed-binding/resort-dining-info.xsd

**Description:** This file contains the list of dining options available at the resorts. Resort may have multiple restaurants on-site or nearby distance. Resort dining is repeatable group and set of these fields will repeat for each restaurant.

|  |  |  |  |
| --- | --- | --- | --- |
| Field Group | Field Names | Data Type | Details |
| resort-dining | Proximity | String | This field specifies the proximity of dining place from the Resort. *Optional*. e.g Onsite, Nearby, Offsite |
| distanceInKms | Double | Distance (in Kilometers) to dining area from resort. *Optional*. |
| distanceInMiles | Double | Distance (in miles) to Dining area from the Resort. *Optional*. |
| Type | String[] | This field specifies the type of Dining facilities. *Optional*. e.g Casual, Buffet, Family, Fine dining, Cafeteria, Pub, Bistro, Pizzeria, Adult only, Pet Friendly, Reservations Required Yes, Reservations Required No. This field is repeatable element. |
| cafeOrCoffeeShop | String | Specifies Coffee shop or café availability – Yes or No. *Optional*. |
| snackBar | String | Specifies Snack bar availability – Yes or No. *Optional*. |
| barbequeArea | String | Barbeque place at Resort – Yes or No. Data type is String. *Optional*. |
| breakFastAvailable | String | This field describes whether breakfast is available in the Dining area. *Optional*. e.g continental or room service. This element is repeatable in XML. |
| roomServiceAvailable | String | This field describes whether Room delivery service is available. *Optional*. e.g Yes or No |
| eventCatering | String | This field describes whether Event catering facility is available or not. *Optional*. e.g Yes or No |
| banquetFacilities | String | This field describes whether Banquet facility is available. *Optional*. e.g Yes or No |
| resortId |  | String | This field contains the Resort code of the Resort. *Required*. |
| languageCode |  | String | This field describes the language code used in the Resort (e.g. EN). *Required*. |

## Airport Information Feed

XML file: protocol:///${server-name}/${context-root}/feed/resort-airport-feed.xml

XSD file name: protocol:///${server-name}/${context-root}/feed-binding/resort-airport-feed.xsd

**Description:** This file contains the nearest Airports information from the Resort. Resort may have multiple airports in the vicinity, each of which would have set of fields as described below.

|  |  |  |  |
| --- | --- | --- | --- |
| Field Group | Field Names | Data Type | Details |
| Airport | Name | String | Airport name. *Required*. |
| Code | String | This field contains IATA airport code; e.g. IND, LAS, EWR, etc. *Required*. |
| distanceInMiles | Double | This field describes about distance from Airport to Resort in Miles. Optional. |
| distanceInKMs | Double | Distance from Airport to Resort in kilometers. Optional. |
| airportType | String | This field describes whether the airport is domestic/ international etc. *Optional*. e.g International, Domestic or  Regional |
| resortId |  | String | This field contains the Resort code of the Resort. *Required*. |
| languageCode |  | String | This field describes the language code used in the Resort (e.g. EN). *Required*. |

## Resort Unit Info Feed

XML file: protocol :///${server-name}/${context-root}/feed/ resort-unit-info.xml

XSD file name: protocol :///${server-name}/${context-root}/feed-binding/ resort-unit-info.xsd

**Description:** A resort will have different room facts for different unit types (hotel, studio, 1BR, 2BR, etc.). This file includes room facts, Unit amenities, entertainment features, kitchen features, kitchen equipment and bedding configuration for all different unit types of Resort. This is aggregated file contains all resort units and features of all resort unit types. Following is the structure of various groups present in resort unit info feed. Refer to XSD for complete list of groups and attributes.

## Room Facts Feed

**Description:** This feed includes room features for different unit types of Resorts.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Group | XML Sub field group | Field Names | Data Type | Details |
| Room facts | Bedroom | bedroomType | String | Room Type in the resort. *Required. e.g.* Hotel,Studio,1 Bedroom,2 Bedroom,3 Bedroom,4 Bedroom,5 Bedroom,6 Bedroom,7 Bedroom,8 Bedroom,9 Bedroom |
| bedroomTypeDesc | String | Optional. Room type description. |
| Bedroom/config | sleepingArrangements | String | Bed size. A resort will have different bedding configurations for different unit types (Hotel, studio, 1 BR etc.) *Optional*. Repeatable element.  e.g Bunk beds, Double  Double pull out sofa, Futon, King etc. |
| babyFacilities | String | This field describes baby facilities available in the unit. *Optional*.  e.g Cribs, High Chairs, Bath etc. |
|  | maxOccupancy | Integer | Max occupancy for the unit type. Required. |
| privateOccupancy | Integer | Private occupancy for the unit type. *Required*. |
| squareFootage | Double | Square footage of the unit. *Optional*. |
| sizeInMeters | Double | Unit size in Meters. *Optional*. |
| Loft | String | Describes whether this unit type is loft unit or not. *Optional*. possible values: Yes or No. |
| bathroom | String | Number of bathrooms within unit. *Optional*.  Sample values: Full, Half Bath, 3/4 Bath, 2 Full Baths, 2 Full Baths & Half Bath etc. |
| bathroomDesc | String | Bath room description. Optional. sample values: Full Bath: Bath, sink, toilet  3/4 Bath: Shower, sink, toilet |
| rollinShower | String | Optional. values: Yes or No |
| bathroomAccessible | String | Optional. e.g values: Grab bars Yes or  Grab bars No |
| unitConfig | String | Optional. e.g values: One Story Units or  Bi-level Units or  Tri-level Units |
| Accessibility | String | Describes Unit Accessibility. *Optional*.  e.g: Ground level,  Elevators,  One Flight of Stairs, or  More than One Flight of Stairs etc. |
| bedroomBathLocation | String | Location of bedroom(s) or bathroom(s) within the unit. Optional. e.g Downstairs, or  Upstairs etc. |
| floorPlan | String | Link to unit floor plans. *Optional*. |
| outdoorLivingSpaceInfo | String | *Optional*. Repeatable element to describe outdoor living space details like Balcony / Patio, Porch or Terrace |
| outdoorLivingSpaceWith  Furniture | String | Optional. This field describes furniture availability in outdoor living space. Yes or No |
| Floorings | Flooring | String | Describes Unit flooring details like Carpet  Hardwood and Tile  *Optional*. Repeatable element. |
| coolingSystems | coolingSystem | String | Cooling systems available in unit. *Optional*. Repeatable element. E.g Air conditioned,  Ceiling Fans and  Window Ventilation |
|  | Housekeeping | String | This field describes housekeeping fee may apply. *Optional*. e.g Daily or Weekly |
| housekeepingFeeDesc | String | Optional |
| Safebox | String | This field describes security box / safe in unit. *Optional*. possible values: Yes or No |
| nonSmokingRoomsByRequest | String | This field describes whether non smoking rooms are available. *Optional*. values: Yes or No |
| Telephone | String | This field describes telephone is available in unit or not. *Optional*. values: Yes or No |
| safetyEquipment | String | This field informs that whether fire safety equipment (alarm system, locks/deadbolt, emergency phone numbers available, fire extinguisher etc.) is at the room. *Optional*. values: Yes or No |
| resortId |  |  | String | Resort code of the Resort. *Required*. |
| languageCode |  |  | String | This field describes the language code used in the Resort (e.g. EN). *Required*. |

## Unit Amenities Feed

**Description:** A resort will have different amenities for different unit types (hotel, studio, 1BR, 2BR, etc.). This feed contains different unit amenities / unit features for different types of units in resort.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Group | XML sub field group | Field Names | Data Type | Details |
| Amenity |  | Name | String | This field describes the resort’s unit amenity name. *Required*. e.g Bath countertops, Bathroom toiletries etc. |
|  | Details | detail | String | This field describes the resort’s unit amenity description. Each amenity may have one more details. Example:  Unit Amenity/ feature “Bath countertops” design is Formica, Marble, Tile or Granite etc.  Optional. |
| resortId |  |  | String | This field describes the associated Resort Id. *Required*. |
| languageCode |  |  | String | This field describes the language code for different languages (e.g EN). *Required*. |

## 

## Unit Furnishings Feed

**Description:** A resort will have different furnishings for different unit types (hotel, studio, 1BR, 2BR, etc.). This field group contains furnishings and unit electronics available for different unit types.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Group | XML sub field group | Field Names | Data Type | Details |
| Entertainment / furnishings | furnishing | name | String | This field describes the resort’s unit furnishing name. *Required*. |
|  | Furnishing/ details | detail | String | This field describes the resort’s unit furnishing details. *Required*. |
| Entertainment/television |  | serviceType | String | Optional. Describes cable / satellite/ video on demand is present for Resort unit. |
| Types | type | String | Optional. This field describes television type LCD / Plasma / standard. |
|  | numberInunit | integer | Optional. This field describes number of televisions in unit. |
| Locations | Location | String | Optional. This field describes location of televisions in unit. Ex: In living room or bedroom. |
| resortId |  |  | String | This field describes the associated Resort Id. *Required*. |
| languageCode |  |  | String | This field describes the language code for different languages (e.g EN). *Required*. |

## Kitchen Information Feed

**Description:** This feed contains Kitchen (i.e kitchen features and kitchen equipment) details for different unit types of resort.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Group | XML sub field group | Field Names | Data Type | Details |
| Kitchen /features | Feature | Name | String | This field describes the feature name. *Required*. e.g kitchen size, Refrigerator etc. |
| Feature/details | detail | String | This field describes the feature detail. *Required*. e.g if the feature is Refrigerator, this element will have refrigerator details like Full with freezer,  Full with freezer & icemaker or  Other than full with freezer |
| Kitchen /equipments | Equipment | name | String | This field describes the equipment name. *Required*. |
| Equipment/details | Detail | String | This field describes the equipment detail. *Optional*. |
| resortId |  |  | String | This field describes the associated Resort Id. *Required*. |
| languageCode |  |  | String | This field describes the language code for different languages (e.g EN). *Required*. |

## Urgent information Feed

XML file: protocol:///${server-name}/${context-root}/feed/ urgent-info.xml

XSD file name: protocol :///${server-name}/${context-root}/feed-binding/ urgent-info.xsd

**Description:** This file contains urgent information / need to know information of Resorts. Resort urgent info is structured into multiple groups as below. They are Amenity closures, construction remodeling info messages, mandatory fees, housekeeping fees, resort fees, points check in capabilities and policy restrictions at Resort. The closure messages are shown for the Resort in the duration from start date to end date where applicable.

For Amenity Closures, Construction Remodeling, mandatory fees, housekeeping fees, resort fees groups, infoMessage element will have detailed message and additionalInfoMsg element will have additional message. Any other elements in XML are optional and may not be needed for partners as these elements are used internally to build urgent information messages.

|  |  |  |  |
| --- | --- | --- | --- |
| Field Group | Field Names | Data Type | Details |
| amenityClosure | start-date | date | Amenity Closures is a repeatable group.  This field describes the start date of amenity closure. *Optional* |
| end-date | date | End date of amenity closure. *Optional* |
| infoMessage | String | This field describes the message for amenity closure. Start date and end date above are optional and not required for partner. *Required*. |
| additionalInfoMsg | String | This field describes the additional information. Data type is String. *Optional*. |
| Construction-remodelling | start-date | Date | Construction Remodeling info is a repeatable group.  This field describes the start date of construction remodeling. Data type is Date. *Optional* |
| end-date | Date | This field describes the end date of construction remodeling. Data type is Date. *Optional* |
| infoMessage | String | This field describes the construction remodeling information at Resort. *Required*. |
| additionalInfoMsg | String | Describes additional Construction information. *Optional*. |
| feeBasics |  |  | feeBasics is common field group and it will be included in mandatoryFees, housekeepingFees, and ResortFees groups when data is available or needed. Optional. |
| fromAmount | String | Required. Only when feeBasic group is present. |
| toAmount | String | Required. Only when feeBasic group is present. |
| currencyType | String | Required. Only when feeBasic group is present. |
| paymentMethod | String | Required. Only when feeBasic group is present. |
| feeType | String | Optional. |
| MandatoryFees | mandatoryFeesInfoMsg |  | This field describes mandatory Fees info. Optional. Data type is String |
| mandatoryFeesAddnInfoMsg |  | Optional. Mandatory additional info message |
| housekeepingFees | unitType | String | This field describes unit type. 1 BR, 2 BR, 3 BR etc. optional. Data type is string |
| feeSchedule | String | Optional. Describe Daily / weekly. |
| mandatoryFee | String | Optional.  Describes whether housekeeping is mandatory or not. Possible values: Yes or No. |
| housekeepingInfoMsg | String | Required. Present in XML only there is housing keeping fee element. |
| housekeepingAddnInfoMsg | String | Optional. |
| Resort fees | resortFeeInfoMsg | String | Required when resort fee data element is present in XML, data type is String |
| resortFeeAddnInfoMsg | String | Optional. Addition information message about resort fees. |
| policyRestrictions | parkingRestrictions /value | String | Optional. Describes parking restrictions if there are any. Repeatable element. |
| minimumAgeCheckin | String | Optional. Minimum age is required for check in at resort. |
| multiFloorWithNoElevatorAccess | String | Optional. |
| occupancyRestrictions | String | Optional. |
| oneInXRuleApplies | String | Optional. This field describes if there will be any restriction at Resort. |
| Pets | String | Optional |
| smokingRestrictions | String | Optional |
| separateSwimmingPoolForGenders | String | Optional |
| alcoholRestricted | String | Optional |
| alcoholServedOnsite | String | Optional |
| pointsCheckinCapabilities | checkInCapabilities/ value | String | Optional. Repeatable element. |
| checkInNotAllowedDays/value | String | Optional. Repeatable element. |
| mininumNights | String | Optional. |
| resortStayRestrictionsInfo | String | Optional. |
| GeneralUrgent Info | Message | String | This field describes general urgent information not part of the above categories. Optional. Repeatable element. |
| Nonmem-message | String | Optional. This field describes resort urgent information for non members. partners should refer this element. |
| LegacyUrgentInfo | weeksUrgentInfo/ message | String | Optional. Repeatable element. Deprecated. Partners should not use this element. |
| pointsUrgentInfo/ message | String | Optional. Repeatable element. Deprecated. Partners should not use this element. |
| Resorted |  | String | This field describes the associated Resort Id. *Required*. |
| languageCode |  | String | This field describes the language code for different languages (e.g EN). *Required*. |
| **countryResidence** |  | **String** | **This field describes the associated country of the member.** |

## Internal guide only Information Feed

XML file: protocol:///${server-name}/${context-root}/feed/guide-only-internal-info.xml

XSD file name: protocol:///${server-name}/${context-root}/feed-binding/guide-only-internal-info.xsd

**Description:** This file contains internal guidance of Resorts like different restrictions and resort servicing. This feed will be available in Universal English language only.

|  |  |  |  |
| --- | --- | --- | --- |
| Field Group | Field Names | Data Type | Details |
| resortNotes | Strata | String | This field describes strata code. *Required*. |
| resortType | String | This field describes type of resort i.e All-inclusive  Club  Cottage  Mult-use  Non-Affiliate  Points  Recreational Vehicle (RV)  Registry Collection  Weeks  Required. This is repeatable element. |
| UUAllowed | String | Optional. This field describes if resort participates in unit upgrade program. Possible values: Yes or No |
| filtersForResortDirectory | Category | String | This field describes filters for various channels, Weeks Exchange  Points  Rental  Weeks resort reserved for Open Market Rental  Rental  All-inclusive etc.  *Required*. This is repeatable element for each resort category. |
| resortServicing | regionId | String | Resort primary region id. *Required*. |
| Resorted |  | String | This field describes the associated Resort Id. *Required*. |
| languageCode |  | String | This field describes the language code for different languages (e.g EN). Data type is String. *Required*. |

## Area Information Feed

XML file: protocol :///${server-name}/${context-root}/feed/ area-info.xml

XSD file name: protocol :///${ server-name}/${context-root}/feed-binding/area-info.xsd

**Description:** This file contains resort primary region area information. This feed will be available in Universal English language only; other languages will be added in future when translated content is available in RCI Systems.

|  |  |  |  |
| --- | --- | --- | --- |
| Field Group | Field Names | Data Type | Details |
| Area | areaCode | String | This field describes area / resort primary region code.  Required. |
|  | languageCode | String | Required. |
|  | areaName | String | Required. |
|  | areaStatus | String | Optional |
|  | areaAttractions | String | Optional. This field describes about local Attractions, Sights, Tours, Day Trips etc. |
|  | Climate | String | Optional. |
|  | furtherInformation | String | Optional. This field describes Region Travel & Tourism Contact Info, i.e.: phone number, website, etc. Useful websites. Embassy numbers / website links. GMT Time zones, Public & School Holidays |
|  | Overview | String | Optional. This field describes introduction, city overview for resort primary region area. |
|  | majorAirportsTransportation | String | Optional. This field describes getting There, Travel Advice, Maps, By Road, By Rail, by Air etc. |
|  | Resorts | String | Optional. This field describes Resort accommodation expectations; i.e. mostly motel conversions, etc. |
|  | Specialnotes | String | Optional. This field describes special instructions / handy tips. |
|  | languages | String | Optional. Languages spoken in area |

# Language Codes

Below table contains different language codes used for resort data distribution. Keep a note that, Resort information will be distributed in multiple languages which are approved and enabled in WER Systems for distribution.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Language** | **Language  code** | **Synd?** | **Description** |  | **Language** | **Language  code** | **Synd?** | **Description** |
| Arabic | AR |  | Arabic |  | Hebrew | HB |  | Hebrew |
| Chinese | SC |  | Chinese (Simplified) |  | Hungarian | hu\_HU |  | Hungarian (Hungary) |
| TC |  | Chinese (Traditional) |  | Italian | it\_IT | Y | Italian (Italy) |
| Danish | da\_DK | Y | Danish (Denmark) |  | Japanese | JP |  | Japanese |
| Dutch | nl\_BE |  | Dutch (Netherlands) |  | Korean | KR |  | Korean |
| English | en\_AU |  | English (Australia) |  | Norwegian | no\_NW | Y | Norwegian (Norway) |
| en\_CA |  | English (Canada) |  | Portuguese | pt\_BR | Y | Portuguese (Brazil) |
| en\_IN |  | English (India) |  | pt\_PT |  | Portuguese (Portugal) |
| en\_NZ |  | English (New Zealand) |  | Russian | ru\_RU |  | Russian (Russia) |
| en\_SG | Y | English (Singapore) |  | Spanish | Spa | Y | Universal Spanish |
| en\_UK | Y | English (UK) |  | es\_AR |  | Spanish (Argentina) |
| en\_US | Y | English (US) |  | es\_BR |  | Spanish (Brazil) |
| std.lang.all | Y | Universal English |  | es\_CL |  | Spanish (Chile) |
| Finnish | fi\_FI | Y | Finnish (Finland) |  | es\_CO |  | Spanish (Colombia) |
| French | fr\_BE |  | French (Belgium) |  | es\_MX | Y | Spanish (Mexican) |
| fr\_CA |  | French (Canadian) |  | es\_ES | Y | Spanish (Spain) |
| fr\_FR |  | French (France) |  | es\_VE |  | Spanish (Venezuela) |
| German | de\_DE | Y | German (Germany) |  | Swedish (Sweden) | sv\_SE |  | Swedish (Sweden) |
| Greek | el\_GR |  | Greek (Greece) |  | Turkish (Turkey) | tk\_TK |  | Turkish (Turkey) |

\*\* The Languages specified in the table above where Synd? =Y will be included in XML feed.

# References

Resort Data Syndication Field Mapping.xls

Future State Resort Record

<http://www.nsftools.com/tips/RawFTP.htm> (for FTP command list)