**Data Feeds from RCL**

**Token:** there is a unique parameter named “token” on each url request which identify the requestor and this is mandatory.

**Property Data**

This document details the XML structure for listing of properties, availability and rates. You can format the requests as needed to fit your current system. The response structure is strongly encouraged. Following this document as closely as possible will expedite the integration process.

**Property IDs**

The requestor will send a call to the property listing requesting all property IDs. The response should include all property IDs and the last time the property was updated. This will be called initially to download all properties and then daily/weekly to update existing properties and download new properties. A sample call and the response structure and a table detailing the requirements and descriptions are shown below.

**Request:**

<https://rentals.casalindacity.com/API/XML/getproperties.php?token=62cbed0eb6cb40183a180687345d3062>

**Response:**

<PropertySummary>

<Property property\_id="" last\_update="yyyy-mm-dd hh:mm:ss" />

<Property property\_id="" last\_update="yyyy-mm-dd hh:mm:ss" />

<Property property\_id="" last\_update="yyyy-mm-dd hh:mm:ss" />

</PropertySummary>

|  |  |  |  |
| --- | --- | --- | --- |
| **Element/Attribute** | **Req** | **Occurs** | **Description** |
| Properties | Y | 1 | Container for property IDs |
| Property | Y | 1 | Property data |
| property\_id | Y | 1 | Unique identifier of property |
| last\_update | Y | 1 | The last time data for property was updated |

**Property Details**

The requestor will send a request for details of one property. The request will include the property ID found in the PropertySummary. The response will include the following data about the property. A sample call and the response structure and a table detailing the requirements and descriptions are shown below. Please note, there should be no HTML inserted into the XML feed.

**Request:**

<https://rentals.casalindacity.com/API/XML/getproperty.ph>p?token=62cbed0eb6cb40183a180687345d3062&property\_id=XX

Where **XX** is the ID of property found in PropertySummary.

**Response:**

<Property property\_id="" last\_update="yyyy-mm-dd hh:mm:ss">

<PropertyName></PropertyName>

<Address>

<Address1></Address1>

<Address2></Address2>

<City></City>

<State></State>

<ZipCode></ZipCode>

<Country></Country>

<Latitude></Latitude>

<Longitude></Longitude>

</Address>

<Details>

<MaximumOccupancy></MaximumOccupancy>

<PropertyType type="house|condo|cabin|villa"></PropertyType>

<Bedrooms count="">

<Bedroom king="0", queen="0" full="0" twin="0" bunk="0" other="0"></Bedroom>

<Bedroom king="0", queen="0" full="0" twin="0" bunk="0" other="0"></Bedroom>

</Bedrooms>

<Bathrooms count="">

<Bathroom full="0" half="0" shower="0"></Bathroom>

<Bathroom full="0" half="0" shower="0"></Bathroom>

</Bathrooms>

<MinimumStayLength></MinimumStayLength>

<CheckIn></CheckIn>

<CheckOut></CheckOut>

<Currency></Currency>

<UnitSize units=”meters|feet”></UnitSize>

</Details>

<Descriptions>

<PropertyDescription></PropertyDescription>

<RateDescription></RateDescription>

<LocationDescription></LocationDescription>

</Descriptions>

<Suitability>

<Pets value="yes|no" />

<Smoking value="yes|no" />

<HandicapAccessible value="yes|no" />

<ElderlyAccessible value="yes|no" />

<Children value=”yes|no” />

</Suitability>

<Amenities>

<Amenity order="1"></Amenity>

<Amenity order="2"></Amenity>

<Amenity order="3"></Amenity>

</Amenities>

<Photos src\_base="">

<Photo order="1">

<URL></URL>

<Description></Description>

</Photo>

<Photo order="2">

<URL></URL>

<Description></Description>

</Photo>

</Photos>

<Rates>

<Rate>

<Label></Label>

<StartDate></StartDate>

<EndDate></EndDate>

<DailyMinRate></DailyMinRate>

<DailyMaxRate></DailyMaxRate>

<DailyWeeknightRate></DailyWeeknightRate >

<DailyWeekendRate></DailyWeekendRate >

<WeeklyMinRate></WeeklyMinRate>

<WeeklyMaxRate></WeeklyMaxRate>

<MonthlyMinRate></MonthlyMinRate>

<MonthlyMaxRate></MonthlyMaxRate>

<MinimumStayLength></MinimumStayLength>

<TurnDay></TurnDay>

</Rate>

</Rates>

<Fees>

<Fee required=”yes|no”>

<Name></Name>

<Description></Description>

<Cost type=”flat|percent”></Cost>

<FeeType type=”tax|fee|per-person|security-deposit|other” />

</Fee>

</Fees>

</Property>

|  |  |  |  |
| --- | --- | --- | --- |
| **Element/Attribute** | **Req** | **Occurs** | **Description** |
| Property | Y | 1 | Container of property |
| property\_id | Y | 1 | Unique identifier of property |
| last\_update | Y | 1 | The last time data for property was updated |
| PropertyName | Y | 1 | Name of property |
| Address | Y | 1 | Container of address data of the property |
| Address1 | N | 1 | Property street address line 1 |
| Address2 | N | 1 | Property street address line 2 |
| City | Y | 1 | Property city |
| State | Y | 1 | Property state |
| ZipCode | N | 1 | Property zip code |
| Country | Y | 1 | Property country |

|  |  |  |  |
| --- | --- | --- | --- |
| Descriptions | Y | 1 | Container for description elements |
| PropertyDescription | Y | 1 | Detailed description of unit (No HTML) |
| RateDescription | N | 1 | Description of rate restrictions/information (No HTML) |
| LocationDescription | N | 1 | Description of unit location (No HTML) |
| Amenities | N | 1 | Container for unit amenities |
| Amenity | Y | >= 1 | Description of amenity. Maximum character length of  32. |
| order | N | 1 | Position in list of amenities |
| Photos | Y | 1 | Container of unit photos |
| src\_base | N | 1 | Base URL that is common for all unit photos |
| Photo | Y | >= 1 | URL src of photo. If src\_base is used, this will be relative to src\_base. |
| order | N | 1 | Position in list of photos |
| URL | Y | 1 | URL of photo |
| Description | N | 1 | Caption for photo |
| Rates | N | 1 | Container for unit rates |
| Rate | Y | >= 1 | Container for a single rate interval |
| Label | N | 1 | Name of rate interval (eg. Spring, April) |
| StartDate | N | 1 | Start date of rate interval |
| EndDate | N | 1 | End date of rate interval |
| DailyMinRate | N | 1 | Minimum daily rate in rate interval |
| DailyMaxRate | N | 1 | Maximum daily rate in rate interval |
| DailyWeeknightRate | N | 1 | Daily rate for a weeknight in rate interval |
| DailyWeekendRate | N | 1 | Daily rate for a weekend in rate interval |
| WeeklyMinRate | N | 1 | Minimum weekly rate in rate interval |
| WeeklyMaxRate | N | 1 | Maximum weekly rate in rate interval |
| MonthlyMinRate | N | 1 | Minimum monthly rate in rate interval |
| MonthlyMaxRate | N | 1 | Maximum monthly rate in rate interval |
| MinimumStayLength | N | 1 | Minimum length of stay in rate interval |
| TurnDay | N | 1 | Check out/in day for weekly stay |
| Fees | N | 1 | Container for unit fees |
| Fee | Y | >= 1 | Container for single fee |
| required | N | 1 | Indicates if fee is required or not for traveler. Possible values are ‘yes’ or ‘no’. Default is ‘no’. |
| Name | Y | 1 | Name of the fee |
| Description | N | 1 | Description of the fee |
| Cost | Y | 1 | Numeric value of fee (either for monetary or percentage amount) |
| type | N | 1 | Type of cost. Possible values are ‘flat’ or ‘percent’. Default is ‘flat’ |
| FeeType | N | 1 | Type of Fee. Possible values are ‘tax’, ‘fee’, ‘per-person’,  ‘security-deposit’, ‘other’. Default value is ‘other’. |

**Property Availability**

The requestor will send a request for availability. The availability should be requested property-by-property data and the request will include the property ID. The response will include date ranges for booked dates with arrival and departure dates (the departure date is assumed to be available for booking).

A sample request and the response structure and a table detailing the requirements and descriptions are shown below.

**Request:**

One property per call:

[<https://rentals.casalindacity.com/API/XML/getproperty.ph>p?token=62cbed0eb6cb40183a180687345d3062&](http://www.yourdomain.com/flipkey/getavailability.php)property\_id=123

**Response:**

<Availability>

<BookedStays property\_id="">

<BookedStay>

<ArrivalDate>yyyy-mm-dd</ArrivalDate>

<DepartureDate>yyyy-mm-dd</DepartureDate>

</BookedStay>

</BookedStays>

</Availability>

|  |  |  |  |
| --- | --- | --- | --- |
| **Element/Attribute** | **Req** | **Occurs** | **Description** |
| Availability | Y | 1 | Container for all availability data for properties |
| BookedStays | Y | 1 | Container for availability data for property |
| property\_id | Y | 1 | Unique identifier of property. All BookedStay elements below this relate to this property. |
| BookedStay | Y | >= 1 | Container for one reservation (In a single property request, there will only be one BookedStay) |
| ArrivalDate | Y | 1 | First day of stay (yyyy-mm-dd format) |
| DepartureDate | Y | 1 | Last day of stay (yyyy-mm-dd format). It is assumed that this date is bookable and will be made available. |