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.php?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

Element/Attribute	Req	Occurs	Description
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.php?token=62cbed0eb6cb40183a180687345d3062&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.