LodeStar Internal

Trip Page Server API Documentation

CrackerJack - 1 February 2018

1. Flight Status

<u>Port: </u>3006

<u>URL Parameters:</u>

originAirportCode - IST
destinationAirportCode - PVG
flightNumber - THY26

Sample Request Link: <u>http://lodestarapp.com:3006/?</u>
<u>originAirportCode=IST&destinationAirportCode=PVG&flightNumber=THY26</u>

2. Weather

Port: 3005

URL Parameters:

city - Ankara
units - "metric" for temp in Celsius, "imperial" for temp in Fahrenheit

Sample Request Link: <u>http://lodestarapp.com:3005/?city=Ankara&units=metric</u>

3. Living Expenses

Port: 3007

URL Parameters:
city - Ankara

Sample Request Link: <u>http://lodestarapp.com:3007/?city=Ankara</u>

4. Currency Exchange

Port: 3008

URL Parameters:
localCurrency - TRY
foreignCurrency - CNY

Sample Request Link: http://lodestarapp.com:3008/?localCurrency=TRY&foreignCurrency=CNY

5. Foursquare Places

This is a rather complicated one so definitely read it before using.

Port: 3009

?: means the parameter is optional. Do not include in request params if not needed.

URL Parameters
- query? - the venue that you are searching for -> Starbucks, coffee, asian, kebab
- location? - location to search for -> 31.2339463,121.46388509999997
- limit? - number of matches to return. Defaults to foursquare's value if empty -> 10

If you want to get more results in a single request, simply increase the limit parameter.

Location shouldn't have been optional but if the user is very aggressive about not sharing their location, then we have to use only the query parameter and wish for the best. It might work if the user types a proper address like: Atatürk Airport Starbucks (will return the details for all Starbucks coffee shops in Atatürk airport) or Jing'an Sculpture Park (return one single match since only one place exists with this name) or Pudong Dumplings (will retrieve dumpling restaurants in Pudong area in Shanghai).

<u>**Samples Containing Location:**</u>

If you want to get top places only based on the location:

http://lodestarapp.com:3009/?location=31.2339463%2C121.46388509999997&limit=5

If you want to get top places based on location and type/name:

http://lodestarapp.com:3009/?location=31.2339463%2C121.46388509999997&limit=5&query=starbucks

http://lodestarapp.com:3009/?location=31.2339463%2C121.46388509999997&limit=5&query=coffee

http://lodestarapp.com:3009/?location=31.2339463%2C121.46388509999997&limit=5&query=turkish

If you want to search for a nearest single place using its name (ex: Starbucks in Esenboğa Airport)

http://lodestarapp.com:3009/?
location=40.1244399%2C32.991672600000015&limit=1&query=starbucks

If you want to search for a nearest single place using its type:.

http://lodestarapp.com:3009/?
location=40.1244399%2C32.991672600000015&limit=1&query=sandwich

Getting Images for a Specific Venue:

Adfadf

Getting Reviews for a Specific Venue:

Adfadf

Fighting Against Insistent Users Who Are NOT Sharing Their Location: (not yet finished)

Let the user type what they want to search for in a

Getting Image Icons for Specific Categories (not yet finished):

Response.venues[0].categories[0] will have an entry called icon. Take a look there, and read the following except taken from foursquare documentations. You'll figure the rest out.

```
Pieces needed to construct category icons at various sizes. Combine
prefix with a size (32, 44, 64, and 88 are available) and suffix,
e.g. https://ss3.4sqi.net/img/categories_v2/travel/airport_64.png.
To get an image with a gray background, use bg_ before the size,
e.g. https://ss3.4sqi.net/img/categories_v2/travel/
airport_bg_64.png
```

<u>Additional Notes:</u>

The labeledLatLngs entry will have two different coordinates for the same location. The one which is called "display" is to pinpoint the location for showcase purposes only. It points straight to the mid-point of the location.

The other coordinate which is called "routing" points to the door of the venue. This coordinate will be the one for routing & navigation applications.

6. Google Maps Landmarks

Port: 3010

URL Parameters:
city - ankara

Sample Request Link: http://lodestarapp.com:3010/?city=ankara