

## FoodTruck API reference document

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Date: 11/11/2014

Version: 1.0

The FoodTruck webservice support three get() calls

1. fetchAddress
2. fetchNeighborsFromAddress
3. fetchNeighborsFromLocation

### 1. fetchAddress:

This request call is used to return the list of possible addresses from the address lookup map

Supported call: get ()

#### Request:

url: <https://lit-spire-7420.herokuapp.com/fetchAddress>

Request data:

Field	Required	Data type	Description
preaddress	Yes	String	Incomplete address information

#### Response data:

The response data is a JSON string with the following data

Field	Data type	Description
Address	String	Full Address
locationid	String	Location id of the Address

### 2. fetchNeighborsFromAddress:

This request call is used to return the list of nearest neighbors given a valid address listed on the input data file

Supported call: get ()

**Request:**

url: <https://lit-spire-7420.herokuapp.com/fetchNeighborsFromAddress>

**Request data:**

Field	Required	Data type	Description
address	Yes	String	Complete address information

**Response data:**

The response data is a JSON string with the following data

Field	Data type	Description
Success	Boolean	This field tells if the response has a successful result or not. <i>Values: True or False</i>
Result	JSON	Result of the address query. The result variables are described on the next table.

**Result variables:**

The table below gives us the result variable.

Field	Data type	Description
locationid	String	Unique location id for each address returned
name	String	Name of the food truck
type	String	Type of the address returned. <i>Possible values: "Truck" or "Push Cart"</i>
food	Array	Array of string containing the list of food the food truck carries
address	String	Address of the food truck
latitude	float	Latitude of the location of the truck
longitude	float	Longitude of the location of the truck
status	String	Status of the food truck application. <i>Possible values: "APPROVED", "REQUESTED"</i>
distance	float	Distance of the truck from the query location in miles

### 3. **fetchNeighborsFromLocation:**

This request call is used to return the list of nearest neighbors given a valid latitude and longitude

#### **Request:**

url: <https://lit-spire-7420.herokuapp.com/fetchNeighborsFromLocation>

#### **Request data:**

Field	Required	Data type	Description
Latitude	Yes	float	Valid latitude
Longitude	Yes	float	Valid Longitude

#### **Response data:**

The response data is a JSON string with the following data

Field	Data type	Description
Success	Boolean	This field tells if the response has a successful result or not. <i>Values: True or False</i>
Result	JSON	Result of the address query. The result variables are described on the next table.

#### **Result variables:**

The table below gives us the result variable.

Field	Data type	Description
locationid	String	Unique location id for each address returned
name	String	Name of the food truck
type	String	Type of the address returned. <i>Possible values: "Truck" or "Push Cart"</i>
food	Array	Array of string containing the list of food the food truck carries
address	String	Address of the food truck
latitude	float	Latitude of the location of the truck
longitude	float	Longitude of the location of the truck

status	String	Status of the food truck application. <i>Possible values: "APPROVED", "REQUESTED"</i>
distance	float	Distance of the truck from the query location in miles