

Mozio Back End challenge

Sample JSON data for location API testing

API documentation can be found at /docs

Creating a new user

(Unauthenticated POST with below JSON in body).

URL : /vendors/

Content type : application/json

Request body:

```
{"username":"john","password":"testpassword", "name": "Express Communications", "lang":"ENG", "curr":"GBP", "email":"express@gmail.com", "phone":"9132452321"}
```

Response:

```
{"id":3,"username":"john","email":"express@gmail.com","name":"Express Communications","phone":"9132452321","lang":"ENG","curr":"GBP"}
```

Viewing authenticated user information

(GET with Basic Authentication in header and below JSON in body).

URL : /vendors/account/

Response:

```
{"id":2,"username":"testuser1","email":"user1@domain1.com","name":"Test User 1","phone":"123123123","lang":"ENG","curr":"GBP"}
```

Creating a new region

(POST with Basic Authentication in header and below JSON in body).

URL : /regions/

Content type : application/json

Request body :

```
{"name":"iceland","price":200, "area":{"type":"Polygon","coordinates":[[[-87.6705551147461,41.89135645852043],[-87.64171600341797,41.89288988217029],[-87.63690948486328,41.880110226947934],[-87.66368865966797,41.87806524488436],[-87.68016815185547,41.887267148816726],[-87.6705551147461,41.89135645852043]]]}}
```

Response

```
{"id":1,"type":"Feature","geometry":{"type":"Polygon","coordinates":[[[-87.6705551147461,41.89135645852043],[-87.64171600341797,41.89288988217029],[-87.63690948486328,41.880110226947934],[-87.66368865966797,41.87806524488436],[-87.68016815185547,41.887267148816726],[-87.6705551147461,41.89135645852043]]]}, "properties":{"uuid":"776c29ac-0ca4-41df-87c4-1d5d14490107","name":"iceland","price":200,"creator":"testuser1"}}
```

URL querying for regions containing a point

(GET with lat and lng in URL)

Example:-

```
<host>:<port>/regions/contains?lng=24.51&lat=21.57
```