How to use LogApp RESTful API

Run *app.py* . The app should now be running on http://127.0.0.1:5000/

Storing logs:

Ensure you are making use of the post request and ensure that you send the correct details in the body of the request. This is shown as an example below. The post request should be at http://127.0.0.1:5000/log

POST	⌄	http://127.0.0.1:5000/log

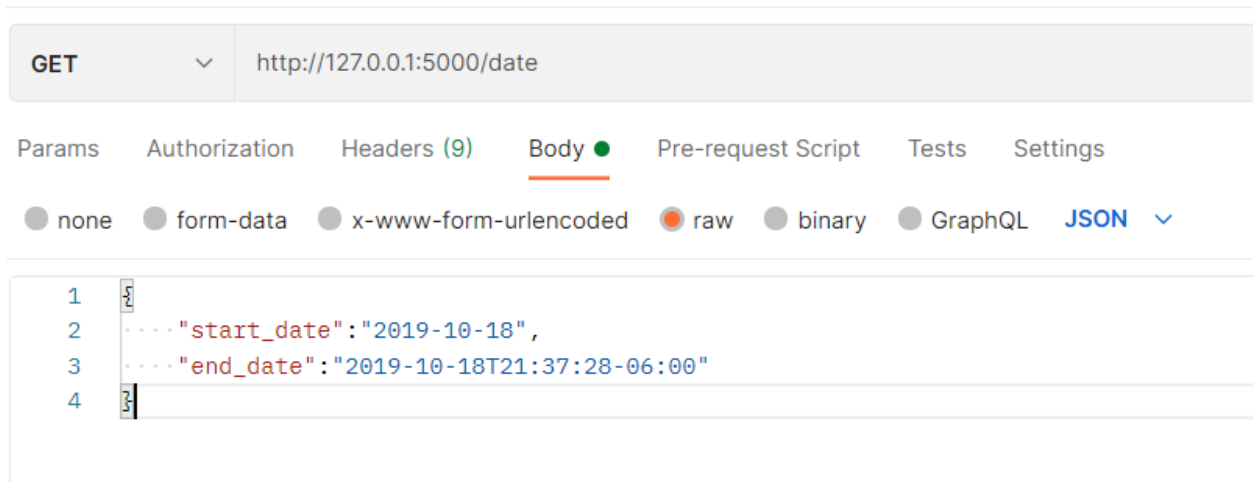Params   Authorization   Headers (9)   **Body** ●   Pre-request Script   Tests   Settings

◯ none   ◯ form-data   ◯ x-www-form-urlencoded   ● raw   ◯ binary   ◯ GraphQL   **JSON** ⌄

```json
1  {
2      "sessionId":"hjgch12",
3      "userId":"ABC123XYZ",
4      "actions": [
5          {
6              "date":"2018-10-18T21:37:28-06:00",
7              "type":"CLICK",
8              "properties":{
9                  "locationX":52,
10                 "locationY":22
11             }
12         }
13     ,
14         {
15             "date":"2018-10-18T21:37:31-06:00",
16             "type":"NAVIGATE",
17             "properties":{
18                 "pageFrom":"communities",
19                 "pageTo":"inventory"
20             }
21         }
22     ]
23 }
```
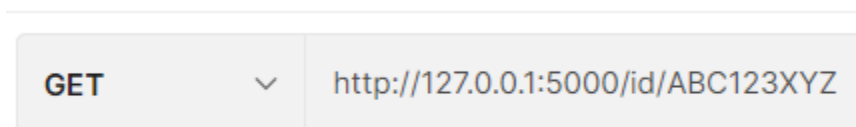
Get logs within date Range:

Ensure you are making use of the get request and ensure that you send the correct details in the body of the request. This is shown as an example below. The get request should be at http://127.0.0.1:5000/date. The dates within the body should be in JSON ISO8041 format.

```
GET        v    http://127.0.0.1:5000/date

Params   Authorization   Headers (9)   Body ●   Pre-request Script   Tests   Settings

● none   ● form-data   ● x-www-form-urlencoded   ● raw   ● binary   ● GraphQL   JSON  v

1  {
2      "start_date":"2019-10-18",
3      "end_date":"2019-10-18T21:37:28-06:00"
4  }
```
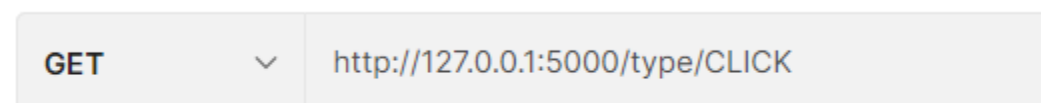
Get logs with UserId:

Ensure you are making use of the get request and that you send the UserId as part of the Uri. This is shown as an example below. The get request should be at http://127.0.0.1:5000/id/<string> .

```
GET        v    http://127.0.0.1:5000/id/ABC123XYZ
```

Get logs with action type:

Ensure you are making use of the get request and that you send the action type as part of the Uri. This is shown as an example below. The get request should be at http://127.0.0.1:5000/type/<string> .

```
GET        v    http://127.0.0.1:5000/type/CLICK
```

These request were done using the API testing functionality of Postman.com

Database tables can be visualized in "DB browser for SQLite"

	id	Type	sessionId	locationX	locationY	viewedId	pageFrom	pageTo	date
	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter
1	1	CLICK	testing	52	22	NULL	NULL	NULL	2018-10-18 21:37:28.000000
2	2	NAVIGATE	testing	NULL	NULL	NULL	communities	inventory	2018-10-18 21:37:31.000000
3	3	CLICK	testingq	52	22	NULL	NULL	NULL	2018-10-18 21:37:28.000000
4	4	NAVIGATE	testingq	NULL	NULL	NULL	communities	inventory	2018-10-18 21:37:31.000000