

Geostreams-api-v3 - Local

Refer to [Setting Up Geotemporal API V3](#)

Add the initial Admin User

1. Set master.default="xxxx" in application.conf
2. Restart the geostreams-api-v3
3. Use xxxx to signup, then xxxx is set as default admin

Add other user as Admin User

1. Make sure you are the admin user
2. Click "manage user" on the home page
3. Click enable

Delete a datapoint

Use <https://opensource.ncsa.illinois.edu/bitbucket/snippets/6de7681f45fe4731a4acce344ddcb346>

Populating Parameters Table

Python Script for parsing a parameters.json file (The parameter.json file for GLM is also on this snippet)
<https://opensource.ncsa.illinois.edu/bitbucket/snippets/6f31b95bf0834285a21fe0ad62c16e96>

To create a parameter.json file from v2/parameters.json remove the variable name and = sign and just have the configuration within []

Populating the Regions Table

Use <https://opensource.ncsa.illinois.edu/bitbucket/snippets/e2862e635cbf426988d8c6d4231e151b>
and post to /api/trends/region with valid master token.

The json file indicates which regions & parameters are used. regions's geometry information is not stored in the DB, it uses the one in the json file.

Also, it only add new regions and skip existing regions. This logic need to update if update regions are required.

Sample scripts for ingesting the data

```

import requests
import csv
import json
import argparse
from requests.auth import HTTPBasicAuth

def main():
    URL = 'http://localhost:9000/'
    client = requests.session()

    user = {
        'identifier': 'indiragg@illinois.edu', 'password': 'password'
    }
    r = requests.post('http://localhost:9000/api/authenticate',
                      data=json.dumps(user), headers={'Content-Type': 'application/json'})
    print(r.status_code)
    print(r.headers)
    file = "/Users/indiragg/git/seagrant-parsers-py/areas.json"
    new_headers = r.headers
    new_headers['Content-Encoding'] = "application/json"

    with open(file) as f:
        data = json.load(f)

    k = requests.post('http://localhost:9000/api/trends/region', data=json.dumps(data),
                      headers=new_headers)
    print(k.headers)
    print(k.status_code)
    print(k.json())

if __name__ == "__main__":
    main()

```