

Import_Issues

April 24, 2018

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In [4]: # pip install github3.py command for install github3
        # execute pip install github3.py command from the the command window/terminal

import github3
import json

In [5]: # Get an API key for GitHub and set it as GITHUB_TOKEN
        # Here is the URL to generate your GITHUB_TOKEN
        # https://help.github.com/articles/creating-an-access-token-for-command-line-use/

GITHUB_TOKEN = 'e8a5c284bd8625f171668a5acbe2a510312626fc'
ORG = 'SPM587SP18'
REPO = 'SCM587SP18'
FILENAME_ISSUES = ORG + 'issues.json'

In [6]: #gh = GitHub()
        gh = github3.login(token=GITHUB_TOKEN)

f = open(FILENAME_ISSUES, 'w')
for issue in gh.search_issues('type:issue repo:SPM587SP18/SCM587SP18'):
    label_name=[]
    data={}

    current = issue.as_json()
    current_issue =json.loads(current)

    data['issue_number']=current_issue["number"]
    data['created_at']= current_issue["created_at"][0:10]
    if current_issue["closed_at"] == None:
        data['closed_at']= current_issue["closed_at"]
    else:
        data['closed_at']= current_issue["closed_at"][0:10]
    for label in current_issue["labels"]:
        label_name.append(label["name"])
    data['labels']= label_name
    data['State'] = current_issue["state"]
    data['Author'] = current_issue["user"]["login"]
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        out=json.dumps(data)                                     # sa
        f.write(out+ '\n')
f.close()
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