Quick tutorial split_vat_csv_one_request

1. Read https://github.com/itsergiu/Romania-split-VAT-register-query/blob/master/Readme
2. Install Anaconda (next, next, finish).
3. Launch Jupyter.
4. Open Jupyter notebook: split_vat_csv_one_request.ipynb
5. Run cells.
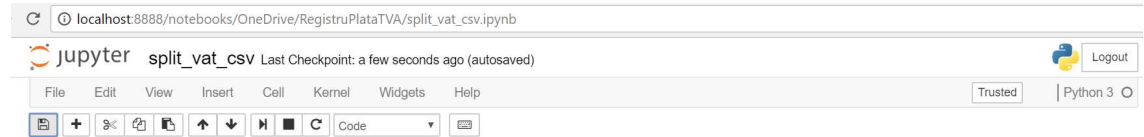
Author do not assume and hereby disclaim any liability to any party for any loss, damage, or disruption caused by errors or omissions, whether such errors or omissions result from negligence, accident, or any other cause. The software is provided "as is", without warranty of any kind, express or implied, including but not limited to the warranties of merchantability, fitness for a particular purpose and noninfringement.

Press {Run cell} (optional)

```
In [1]:
1  """
2  REFERENCES
3
4  https://www.anaconda.com/download/
5  http://jupyter.org/
6  https://www.python.org/
7
8  https://www.anaf.ro/anaf/internet/ANAF/informatii_publice/informatii_agenti_economici/RegPlataDefalcataTVA
9  https://webservicesp.anaf.ro/AsynchWebService/api/v3/ws/tva
10
11 Warning in Romanian language
12 b) Orice tentativa de suprasolicitare a serverului va fi pedepsita conform reglementarilor in vigoare.
13 Warning in English language
14 b) Any attempt to overload the server will be punished according to the regulations in force.
15 """
```

```
Out[1]:  '\nREFERENCES\n\nhttps://www.anaconda.com/download/\nhttp://jupyter.org/\nhttps://www.python.org/\n\nhttps://www.anaf.ro/anaf/internet/ANAF/informatii_publice/informatii_agenti_economici/RegPlataDefalcataTVA\nhttps://webservicesp.anaf.ro/AsynchWebService/api/v3/ws/tva\n\nWarning in Romanian language\nb) Orice tentativa de suprasolicitare a serverului va fi pedepsita conform reglementarilor in vigoare.\nWarning in English language\nb) Any attempt to overload the server will be punished according to the regulations in force.\n'
```

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Jupyter split_vat_csv Last Checkpoint: 9 minutes ago (autosaved)

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In [2]:
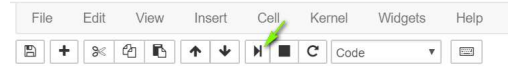
```python
1  import requests
2  import json
3  import timeit
4  import datetime
5  import sys
6
7
8  print(sys.version, '\n')
9  print(datetime.datetime.now(), '\n')
10
11 # https://www.anaf.ro/anaf/internet/ANAF/informatii_publice/informatii_agenti_economici/RegPlataDefalcataTVA
12 url = "https://webservicesp.anaf.ro/PlatitorTvaRest/api/v3/ws/tva"
13
14 data= [{"cui": '10874881', "data": '2017-12-22'}]
15 start = timeit.default_timer()
16 r = requests.post(url, json=data)
17 #print(r.text) # If you want to view entire content
18
19 key_start = r.text.find('[')
20 key_start+=1
21 key_end = r.text.find(']')
22
23 dict_r = r.text[key_start:key_end]
24 dict_r = json.loads(dict_r)
25 stop = timeit.default_timer()
26
27 print("status_code:", r.status_code)
28 print("data:", data)
29 print("denumire:",dict_r['denumire'])
30 print("cui:", dict_r['cui'])
31 print("dataInceputSplitTVA:",dict_r['dataInceputSplitTVA'])
32 print("dataAnulareSplitTVA:", dict_r['dataAnulareSplitTVA'])
33 print("statusSplitTVA:",dict_r['statusSplitTVA'])
34 print("request duration", stop - start)
35
36 # OUTPUT:
37 # status_code: 200
38 # data: [{'cui': '10874881', 'data': '2017-12-14'}]
39 # denumire: SOCIETATEA NATIONALA "NUCLEARELECTRICA" SA
40 # cui: 10874881
41 # dataInceputSplitTVA: 2017-09-29
42 # dataAnulareSplitTVA:
43 # statusSplitTVA: True
44 # request duration 0.18321414984132353
45
46 # Rough estimation of duration for request only part for 10000 records = 1832.141498 seconds
```

```
3.6.1 |Anaconda custom (64-bit)| (default, May 11 2017, 13:25:24) [MSC v.1900 64 bit (AMD64)]

2018-01-03 14:28:02.887772

status_code: 200
data: [{'cui': '10874881', 'data': '2017-12-22'}]
denumire: SOCIETATEA NATIONALA "NUCLEARELECTRICA" SA
cui: 10874881
dataInceputSplitTVA: 2017-09-29
dataAnulareSplitTVA:
statusSplitTVA: True
request duration 0.2721060566075602
```

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Jupyter split_vat_csv Last Checkpoint: 9 minutes ago (autosaved)

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In [3]:

```python
1  # Entire content
2  r.text
```

Out[3]:
'{"cod":200,"message":"SUCCESS","found":[{"cui":10874881,"data":"2017-12-22","denumire":"SOCIETATEA NATIONALA \\"NUCLEARELECTRICA\\" SA","adresa":"MUNICIPIUL BUCUREÅžTI, SECTOR 1, STR. POLONA, NR.65","scpTVA":true,"data_inceput_ScpTVA":"1998-08-13","data_sfarsit_ScpTVA":" ","data_anul_imp_ScpTVA":" ","mesaj_ScpTVA":"platitor IN SCOPURI de TVA la data cautata","dataInceputTvaInc":"","dataSfarsitTvaInc":"","dataActualizareTvaInc":"","dataPublicareTvaInc":"","tipActTvaInc":"","statusTvaIncasare":false,"dataInactivare":" ","dataReactivare":" ","dataPublicare":" ","dataRadiere":" ","statusInactivi":false,"dataInceputSplitTVA":"2017-09-29","dataAnulareSplitTVA":" ","statusSplitTVA":true}],"notfound":[]}'

Launch Jupyter important notice

Copy/paste this URL into your browser when you connect for the first time, to login with a token:

⌕ Select Jupyter Notebook

```
Copy/paste this URL into your browser when you connect for the first time,
to login with a token:
http://localhost:8888/?token=86b4f6c38b5b070e077abfad3bcd7ff771dcb74e35b12a2e
```