API

import requests

### Parameters ###

environmentId = '82809'

api\_login = 'mstr'

api\_password = 'XXXXXXXX'

base\_url = "[https://env-"](https://env-/)" + environmentId + ".[customer.cloud.microstrategy.com/MicroStrategyLibrary/api/"](http://customer.cloud.microstrategy.com/MicroStrategyLibrary/api/)";

#### FUNCTIONS ###

def login(base\_url,api\_login,api\_password):

print("Getting token...")

data\_get = {'username': api\_login,

'password': api\_password,

'loginMode': 1}

r = requests.post(base\_url + 'auth/login', data=data\_get)

if r.ok:

authToken = r.headers['X-MSTR-AuthToken']

cookies = dict(r.cookies)

print("Token: " + authToken)

return authToken, cookies

else:

print("HTTP %i - %s, Message %s" % (r.status\_code, r.reason, r.text))

def get\_sessions(base\_url, auth\_token, cookies):

print("Checking session...")

header\_gs = {'X-MSTR-AuthToken': auth\_token,

'Accept': 'application/json'}

r = requests.get(base\_url + "sessions", headers=header\_gs, cookies=cookies)

if r.ok:

print("Authenticated...")

print(r)

print("HTTP %i - %s, Message %s" % (r.status\_code, r.reason, r.text))

else:

print("HTTP %i - %s, Message %s" % (r.status\_code, r.reason, r.text))

def main():

authToken, cookies = login(base\_url,api\_login,api\_password)

choice = None

while choice != "0":

print \

("""

---MENU---

0 - Exit

1 - Generate and Print Token

2 - Get session

""")

choice = input("Your choice: ") # What To Do ???

print()

if choice == "0":

print("Good bye!")

elif choice == "1":

authToken, cookies = login(base\_url,api\_login,api\_password)

elif choice == "2":

get\_sessions(base\_url, authToken, cookies)

else:

print(" ### Wrong option ### ")