# Scripting Rest API with Python



Scripting REST API with Python

Cognos Analytics

Inhoud

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# Aanleiding

Prerequisites:

* Install Visual Studio Code
* Install Python
* Install Insomnia (optional)

Script:

import requests

import json

import pandas as pd

credentials = {

    "parameters": [

      {

        "name": "CAMNamespace",

        "value": "its"

      },

      {

        "name": "CAMUsername",

        "value": "mschakel"

      },

      {

        "name": "CAMPassword",

        "value": "xxxxxxxxxx"

      }

    ]

  }

session = requests.Session()

response = session.put("http://ap-gda01-cognos:9300/api/v1/session", json=credentials)

all\_cookies = session.cookies.get\_dict()

xsrf\_value = all\_cookies["XSRF-TOKEN"]

xsrf\_header = {"X-XSRF-Token": xsrf\_value}

response = session.get("http://ap-gda01-cognos:9300/api/v1/content/i54CF901997F04155ADBF47FEBA23EC02/items", headers=xsrf\_header)

all\_items = pd.DataFrame.from\_dict(response.json()['content'])

print(all\_items[['modificationTime', 'defaultName', 'type']])