def buildPayload(variable, value, context):

    return {variable: {"value": value, "context": context}}

def sendToUbidots(token, device, variable, value, context={}, industrial=True):

    # Builds the endpoint

    url = URL\_INDUSTRIAL if industrial else URL\_EDUCATIONAL

    url = "{}/api/v1.6/devices/{}".format(url, device)

    payload = buildPayload(variable, value, context)

    headers = {"X-Auth-Token": token, "Content-Type": "application/json"}

    attempts = 0

    status = 400

    while status >= 400 and attempts <= 5:

        req = requests.post(url=url, headers=headers, json=payload)

        status = req.status\_code

        attempts += 1

        time.sleep(1)

return req