

QR Scanner python script

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import cv2
import numpy as np
import time
import pyzbar.pyzbar as pyzbar
from ibmcloudant.cloudant_v1 import CloudantV1
from ibmcloudant import CouchDbSessionAuthenticator
from ibm_cloud_sdk_core.authenticators import BasicAuthenticator

authenticator = BasicAuthenticator('apikey-v2-
    xjj4vtu0o6zki1nv5xufzjrznfdbkpap58pmn8qai9',
    'c38318d6cb4dd64515f50d5822fca43f')
service = CloudantV1(authenticator=authenticator)
service.set_service_url('https://apikey-v2-
    xjj4vtu0o6zki1nv5xufzjrznfdbkpap58pmn8qai9:c38318d6cb4dd64515f5
    0d5822fca43f@d30acc5e-636b-4561-bfe7-5ffa4397a057-
    bluemix.cloudantnosqldb.appdomain.cloud')

cap= cv2.VideoCapture(0)
font = cv2.FONT_HERSHEY_PLAIN

while True:
    _, frame = cap.read()
    decodedObjects = pyzbar.decode(frame)
    for obj in decodedObjects:
        #print ("Data", obj.data)
        a=obj.data.decode('UTF-8')
        cv2.putText(frame, "Ticket", (50, 50), font, 2, (255, 0, 0), 3)
        #print (a)
        try:
            response = service.get_document(
                db='booking',
                doc_id = a
            ).get_result()
            print(response)
            time.sleep(5)
        except Exception as e:
            print ("Not a Valid Ticket")
            time.sleep(5)
```

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cv2.imshow("Frame",frame)
if cv2.waitKey(1) & 0xFF ==ord('q'):
    break
cap.release()
cv2.destroyAllWindows()
disconnect()
```