

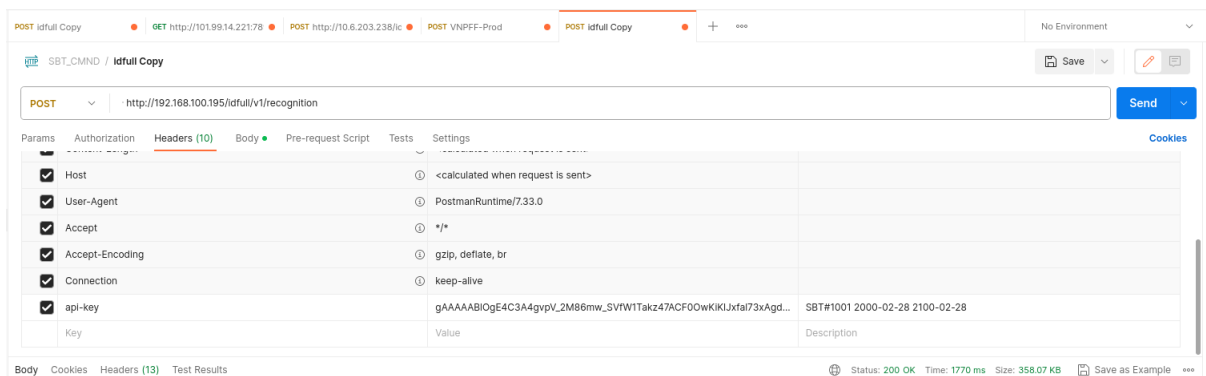
User guide for testing ID CARD API

User guide document include:

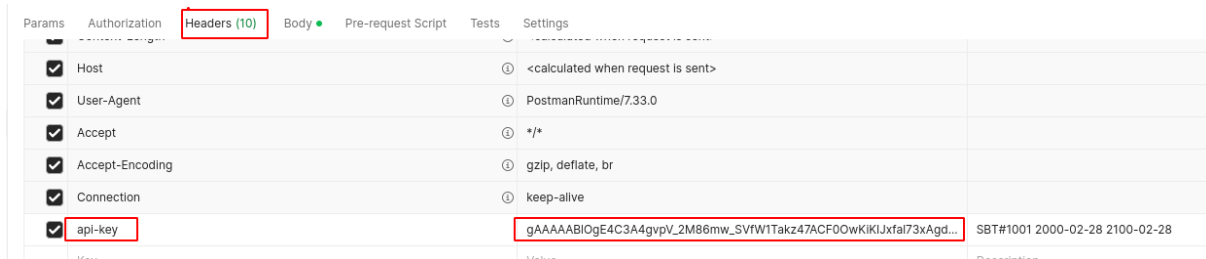
- This document: Testing Guide ID Card.pdf
- Postman collection file.
- Python script test file.

I. Test with Postman

Step 1. Open Postman and import the attached postman collection file or create a new one.



- The URL can be set as LAN IP of api server:
<http://192.168.100.195/dfull/v1/recognition>
If you execute a test on an api server the URL can LAN IP or localhost.
<http://localhost/dfull/v1/recognition>
- In the http header, we need an api-key field. ID card api will use it for authentication.



- In the http body, we have three important field: image1, image2, encode.

● none ● form-data ● x-www-form-urlencoded ● raw ● binary ● GraphQL

Key	Value	Description
<input checked="" type="checkbox"/> image1	photo_2023-10-28_13-28-12.jpg ×	
<input checked="" type="checkbox"/> image2	photo_2023-10-28_13-28-09.jpg ×	
<input checked="" type="checkbox"/> encode	1	
<input type="checkbox"/> options	Select Files	
Key	Value	Description

- + image 1(file type): frontside image of id card.
- + image 2(file type): backside image of id card.
- + encode: set this field to one by default.

- After setup is done, click the send button to send the request.

Note: the first request after power on the server will take more time than normal, because it takes time to load the AI models. Maybe the nginx-proxy on the server will return 504 - timeout.

If testing success, the response result will look like that:

Test ID PROD / IdFull Copy

POST https://192.168.100.195/IdFull/v1/recognition

Params Authorization Headers (10) Body Pre-request Script Tests Settings

● none ● form-data ● x-www-form-urlencoded ● raw ● binary ● GraphQL

Key	Value	Description
<input checked="" type="checkbox"/> image1	Oba49547178bf566ad0b09d8e9f72de3_26092023_131257744183_... ×	
<input checked="" type="checkbox"/> image2	Oba49547178bf566ad0b09d8e9f72de3_26092023_131257744183_... ×	
<input checked="" type="checkbox"/> encode	1	
Key	Value	Description

Body Cookies Headers (14) Test Results

Status: 200 OK Time: 38.96 s Size: 1.02 MB Save as Example

Pretty Raw Preview Visualize JSON

```

{
  "address": "Liên Thuận, Bồng Phong, Nho Quan, Ninh Bình",
  "age": 28,
  "birthday": "14/11/1994",
  "district": "Nho Quan",
  "doctype": "CHIP",
  "ethnicity": null,
  "expiry": "14/11/2034",
  "front_flg": 0,
  "home_town": "Gia Phú, Gia Viễn, Ninh Bình",
  "id": "037094011486",
  "image_backzoi": "/?/1/AAAQSkZ3BgABAQAAQABAAQ/ZwBDAIAQEBAAQIBAQECAGICAgQDAgICAgUEBAMEB8UGBxYFBgYGBWBIgcJBWYCAICQoKCgokBGLDAKDAKACiz/
  SQAIBAAAGEDAwIEAuFBAQAAAP9AQIDAARBRITMUEGE1FhByJjFDKbaEITBkwaRVS8IAKM2JyggkFncYGBol1icKSo8NTY300Kq0BFRkqITSUpTVFVWV1hZwnNkZWZnaG1qc3R1ond4eXQDhIW6h413ipKTL3Ww151ZnqKjpkWmp61pqK
  zTLN2t715usLDmXGx8j3ytlTINXW19122uH14+T1SuEo6ex8vP99fb3+Pn6/8QAhmEAAEBAAQEBAAQAAAAAAAEACawQFBgcICQoL/
  BQAtREAAgECBAQOBACFBAQAAQ3AAECAXEBSExBh3BUQdncRMhMoEIFEKRobhBCSMzUvAVYnLRChYkNOEl8RcYGRonJypKjU2Nzg50KNERUZHSE1KU1RVV1dVWVpJZGVmZ2hpanN8dXZ3eH16goEhYaH1ImKkp0U1ZaXnJnaoq0kpaangKm
  qsz08tba3uLm6esPEccbHyMnK0tPU1dbX2Nna4uPk5ebn60nq8vP99fb3+Pn6/9oADAMBAAIRAxEAPwDu1G1eEx+810TCMgbcDupdEjudchXVdX06aM7J5LSDGhVvm00zezuFN1y1jkP150ztT7TL7W5U13SQWYL+7CtXivcPzMj1a
  +NkgjT7pQAV3Et3zVXVgqG9E1XU5HZSgZyXjtwasy22m6VE1WsxubpmQ0nb9avjwTca11XeqyG3t1XLhfyxPagD3hInXx9ghdY0sFz+7QbRvt207wtpps+56V7vyzywHOUT1HFA/YtAkMcahaQ8jPpzUUXh/T8G0oeJnR52bK/
  Nk80WYFS20JUTZfZq108SsM3mEbfpV6k1pmmqPD+IWaySNjMj8596e0b6sdmBQDwji2qafPlU4toMTTjkuV3F0ZArw+G11lafWzAQKxZKldaz9Q1XTnItLGInQ+1EQcGtG
  ...

```

To understand the response result, you need to read the API description.

II. Test with python script (need basic python)

- You need to know basic python to edit and use it.
- Run this command on the Linux terminal.

python3 testIdCard.py <frontimage> <backimage> <token-filename>

example:

python3 testIdCard.py fron.jpg back.jpg file.token > result.log

- Check the response result in: **result.log** file.

III. The result log on server

- Two docker container ID Card on server will save log at:
 - + **id0 container: /data/containerdata/id/data/logs/id0**
 - + **id1 container: /data/containerdata/id/data/logs/id1**

Log container summary of result (without base64 image) and OCR time.