

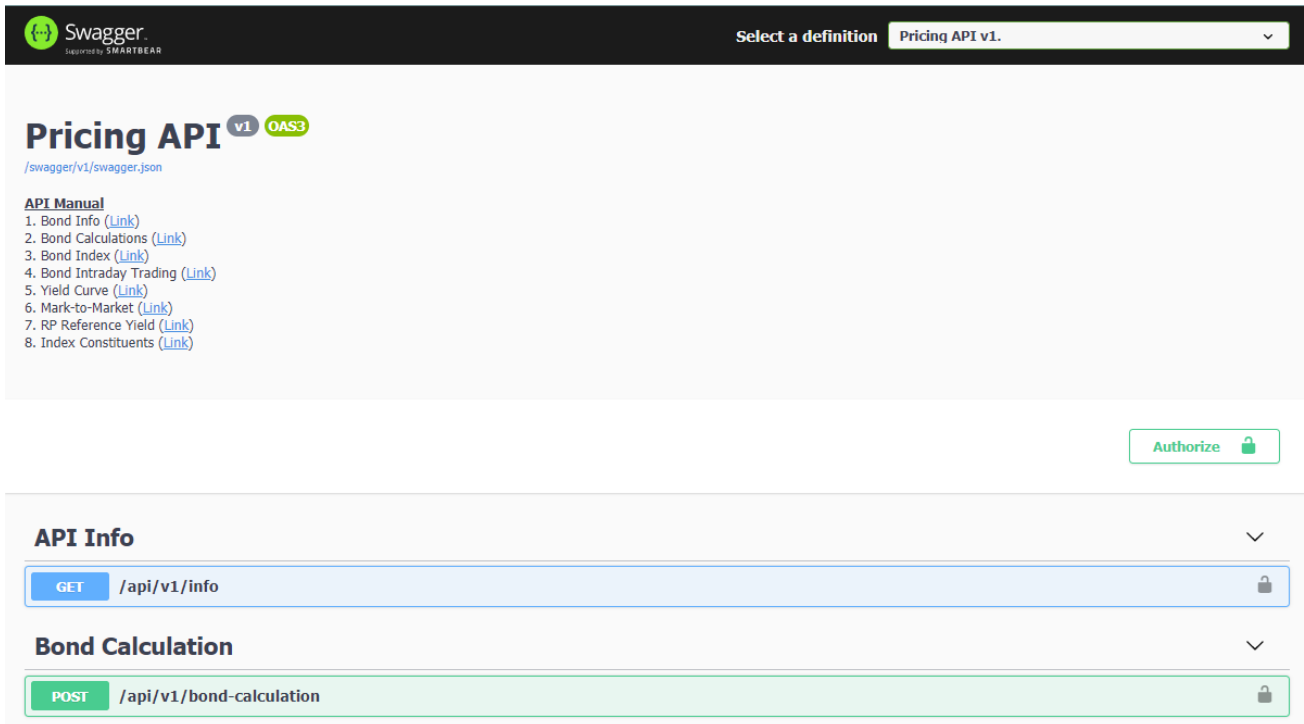


# **API Manual** **API Authen**

**The Thai Bond Market Association**

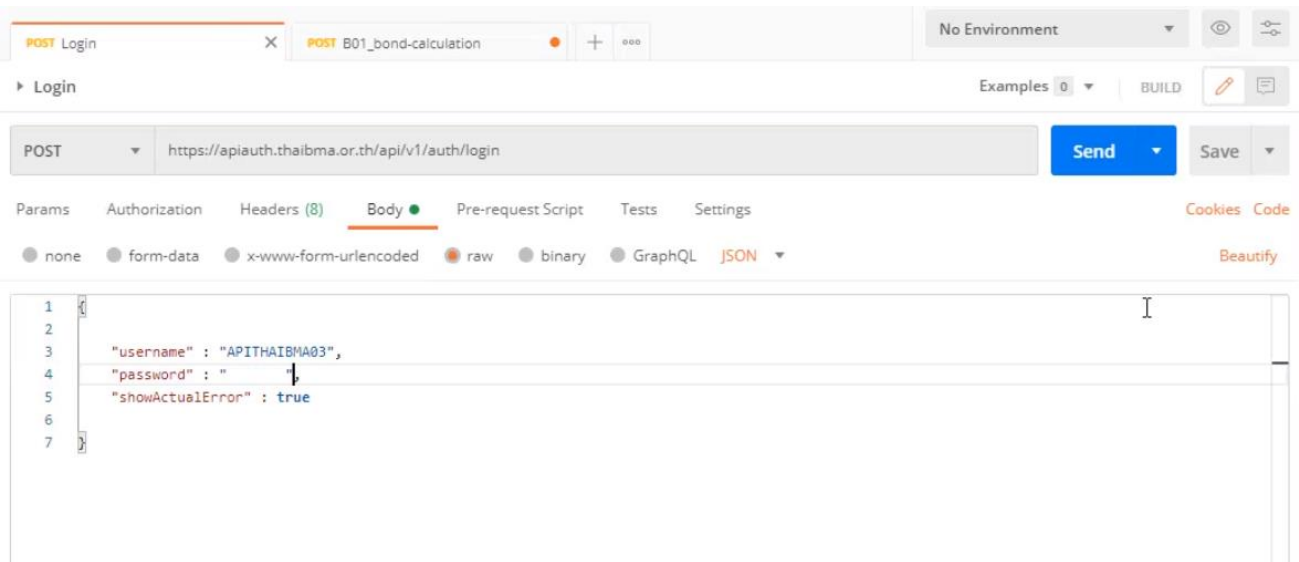
October 19,2023

1. API testing. You can find out more about ThaiBMA's API Services at <https://apiportal.thaibma.or.th/swagger/index.html> You can test services using Postman.



The screenshot shows the Swagger UI for the 'Pricing API v1'. At the top, there's a 'Select a definition' dropdown set to 'Pricing API v1'. Below that, the API title 'Pricing API v1' is displayed with an 'OAS3' badge. A list of API endpoints is provided under 'API Manual', including Bond Info, Bond Calculations, Bond Index, Bond Intraday Trading, Yield Curve, Mark-to-Market, RP Reference Yield, and Index Constituents. An 'Authorize' button is visible on the right. The 'API Info' section shows a GET endpoint at '/api/v1/info'. The 'Bond Calculation' section shows a POST endpoint at '/api/v1/bond-calculation'.

2. For the test, the user must log in using the Username and Password that were sent to the user's e-mail using Postman, as shown in the image below.

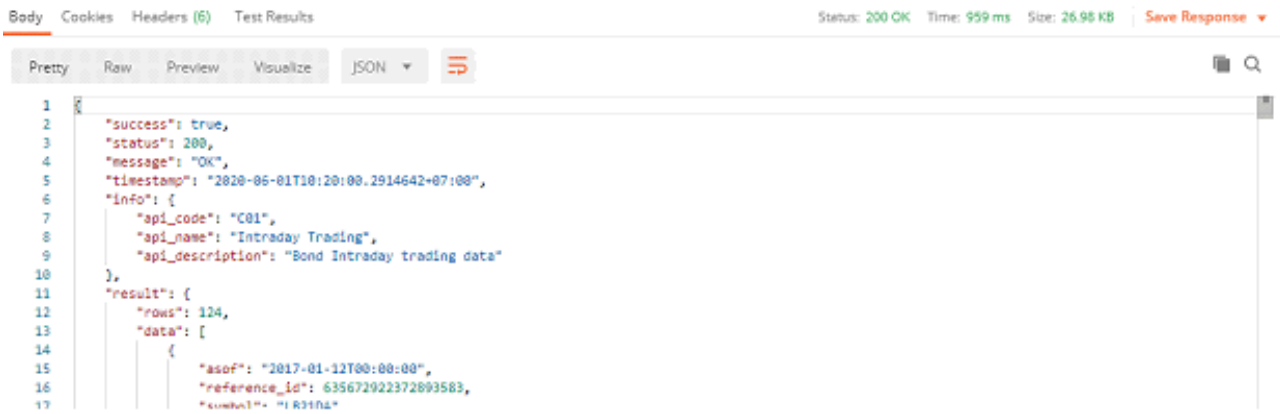


The screenshot shows a Postman request for the 'Login' endpoint. The request is a POST to 'https://apiauth.thaibma.or.th/api/v1/auth/login'. The body is set to 'JSON' and contains the following JSON payload:

```
1 {
2   "username": "APITHAIBMA03",
3   "password": "",
4   "showActualError": true
5 }
6
7 }
```



- Then, as indicated in the image, press the send button to test and wait for the response to be delivered back.



The screenshot shows a REST client interface with the following details:

- Body Cookies Headers (6) Test Results
- Status: 200 OK Time: 959 ms Size: 26.95 KB Save Response
- View options: Pretty, Raw, Preview, Visualize, JSON, and a print icon.
- Response body (JSON):

```
1 {
2   "success": true,
3   "status": 200,
4   "message": "OK",
5   "timestamp": "2020-06-01T10:20:00.2914642+07:00",
6   "info": {
7     "api_code": "C01",
8     "api_name": "Intraday Trading",
9     "api_description": "Bond Intraday trading data"
10  },
11  "result": {
12    "rows": 124,
13    "data": [
14      {
15        "asof": "2017-01-12T00:00:00",
16        "reference_id": 635672922372893583,
17        "symbol": "TR3104"
```