**Document Credential Test Java Apps Easy Note**

**Using Postman to test the Apps:**

1. **Request Access Token oauth 2.0**

First, Generate The Oauth2 token this token use to hit any service on this api.

**Request :**

|  |  |  |
| --- | --- | --- |
| Field | Desc |  |
| Authorization (Header) | Credential to generate token | Username : andretest  Password : pass123 |
| grant\_type (body-param) | Grant client type |  |
| createdAt | Refer to time create the data, and get the time from time server. |  |
| updatedAt | This field refer to time update |  |

|  |
| --- |
| curl --location --request POST 'http://8.219.127.212:8080/oauth/token' \  --header 'Authorization: Basic YW5kcmV0ZXN0OnBhc3MxMjM=' \  --form 'grant\_type="client\_credentials"' |

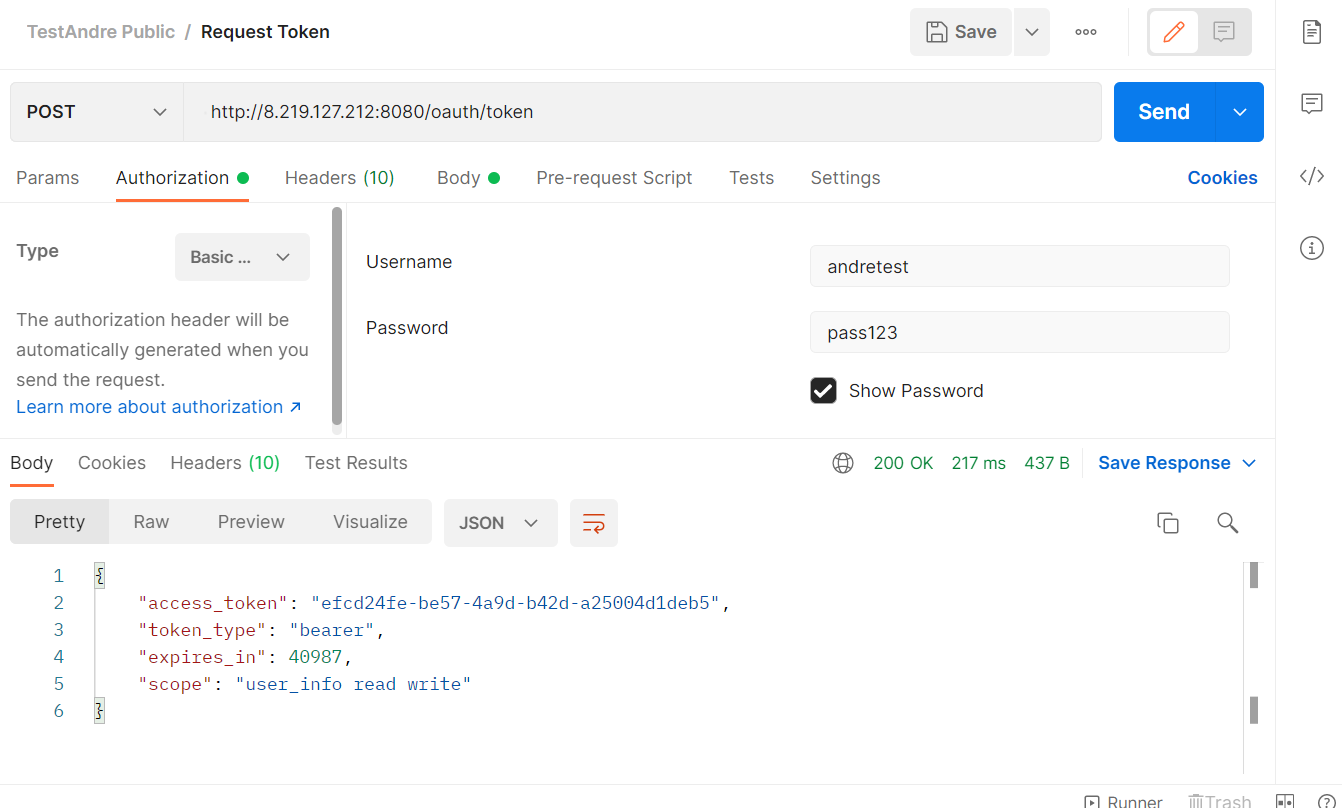
And Success response would be created a new access\_token. That access\_token can be use to hit microservice easy-note.

**Response :**

|  |  |  |
| --- | --- | --- |
| Field | Desc |  |
| Authorization (Header) | Credential to generate token | Username : andretest  Password : pass123 |
| grant\_type (body-param) | Grant client type |  |
| createdAt | Refer to time create the data, and get the time from time server. |  |
| updatedAt | This field refer to time update |  |

|  |
| --- |
| {      "access\_token": "63bbdeaf-c760-4f9d-bf2e-0d98483e98f5",      "token\_type": "bearer",      "expires\_in": 41919,      "scope": "user\_info read write"  } |

Evidence:



1. **Create Database**

Next, Create Database api using access\_token last created.

Request :

|  |  |
| --- | --- |
| Field | Desc |
| title | Use to create any title of notes |
| content | Use to describ any content refer to title |

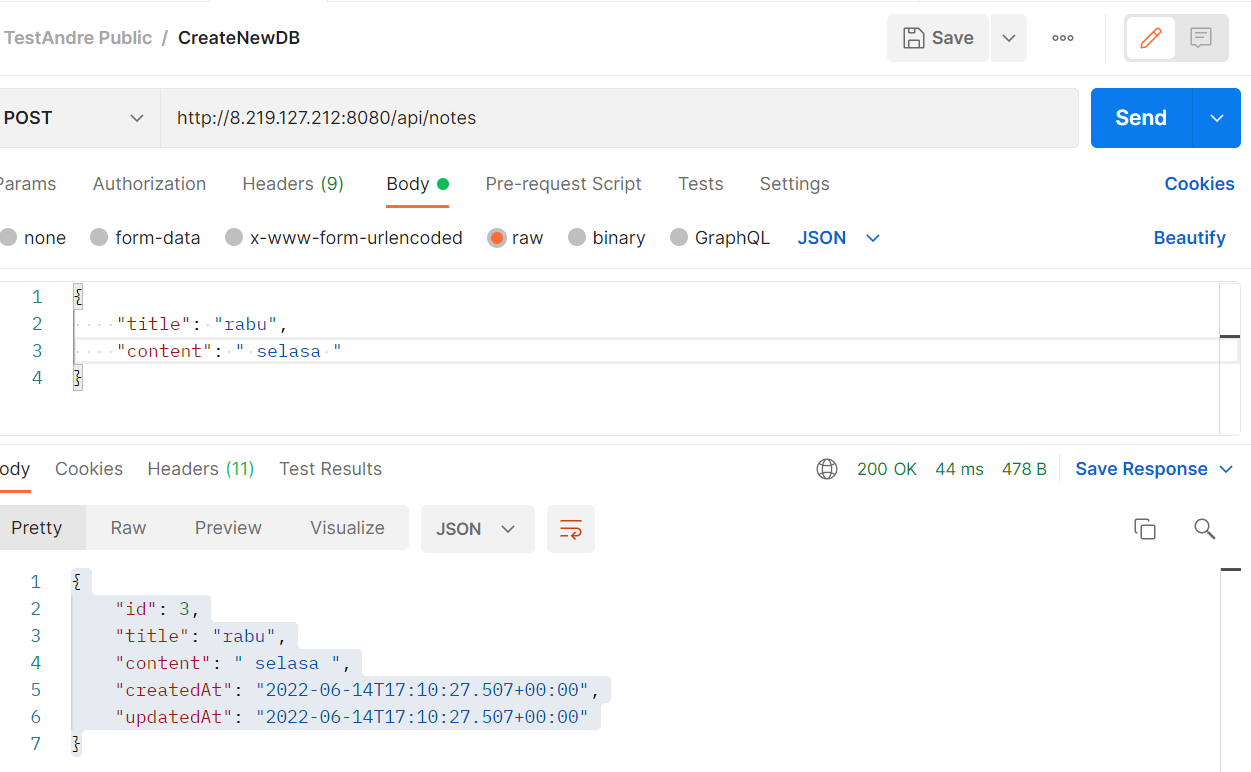
|  |
| --- |
| curl --location --request POST 'http://8.219.127.212:8080/api/notes' \  --header 'Authorization: Bearer aa5b1638-e9d5-4461-8acd-36849b4b8bb4' \  --header 'Content-Type: application/json' \  --data-raw '{      "title": "rabu",       "content": " selasa "  }’ |

**Response :**

|  |  |
| --- | --- |
| Field | Desc |
| Id | Id generated by system |
| title | Use to describ any content refer to title |
| Content | Content |
| createdAt | Refer to time create the data, and get the time from time server. |
| updatedAt | This field refer to time update |

|  |
| --- |
| {       "id": 3,       "title": "rabu",       "content": " selasa ",       "createdAt": "2022-06-14T17:10:27.507+00:00",       "updatedAt": "2022-06-14T17:10:27.507+00:00"  } |

**Evidence :**



1. Service Update Data Existing on Database using path param Id

Request :

|  |  |
| --- | --- |
| Field | Desc |
| {id} | Refer to data id spesific update |
| title | Use to update title |
| Authorization | Token access valid |
| Content | Use to update content |

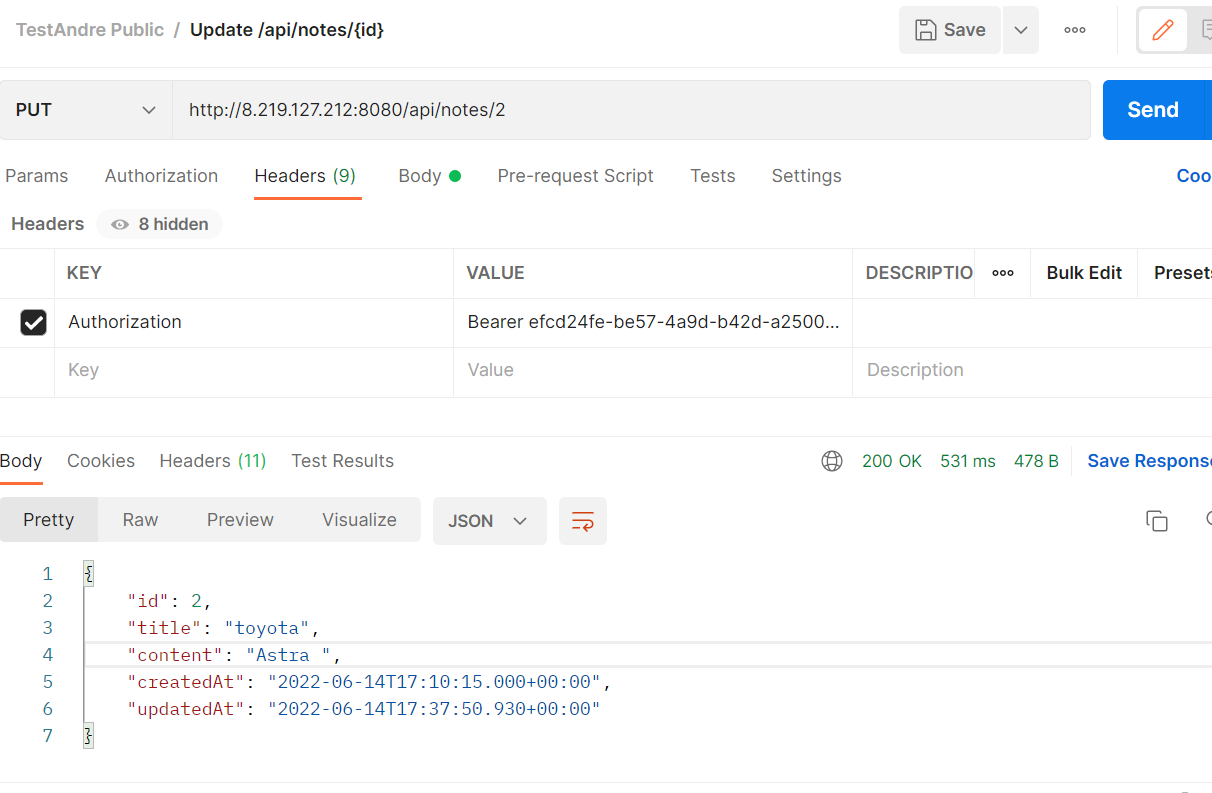
|  |
| --- |
| curl --location --request PUT 'http://8.219.127.212:8080/api/notes/2' \  --header 'Authorization: Bearer efcd24fe-be57-4a9d-b42d-a25004d1deb5' \  --header 'Content-Type: application/json' \  --data-raw '{   "title": "toyota",  "content": "Astra "  }' |

Response :

|  |  |
| --- | --- |
| Field | Desc |
| Id | Id of data |
| content | Use to describ any content refer to title |
| createdAt | Refer to time create the data, and get the time from time server. |
| updatedAt | This field refer to time update |

|  |
| --- |
| {      "id": 2,      "title": "toyota",      "content": "Astra ",      "createdAt": "2022-06-14T17:10:15.000+00:00",      "updatedAt": "2022-06-14T17:37:50.930+00:00"  } |

Evidence :



1. **Service Delete Data**

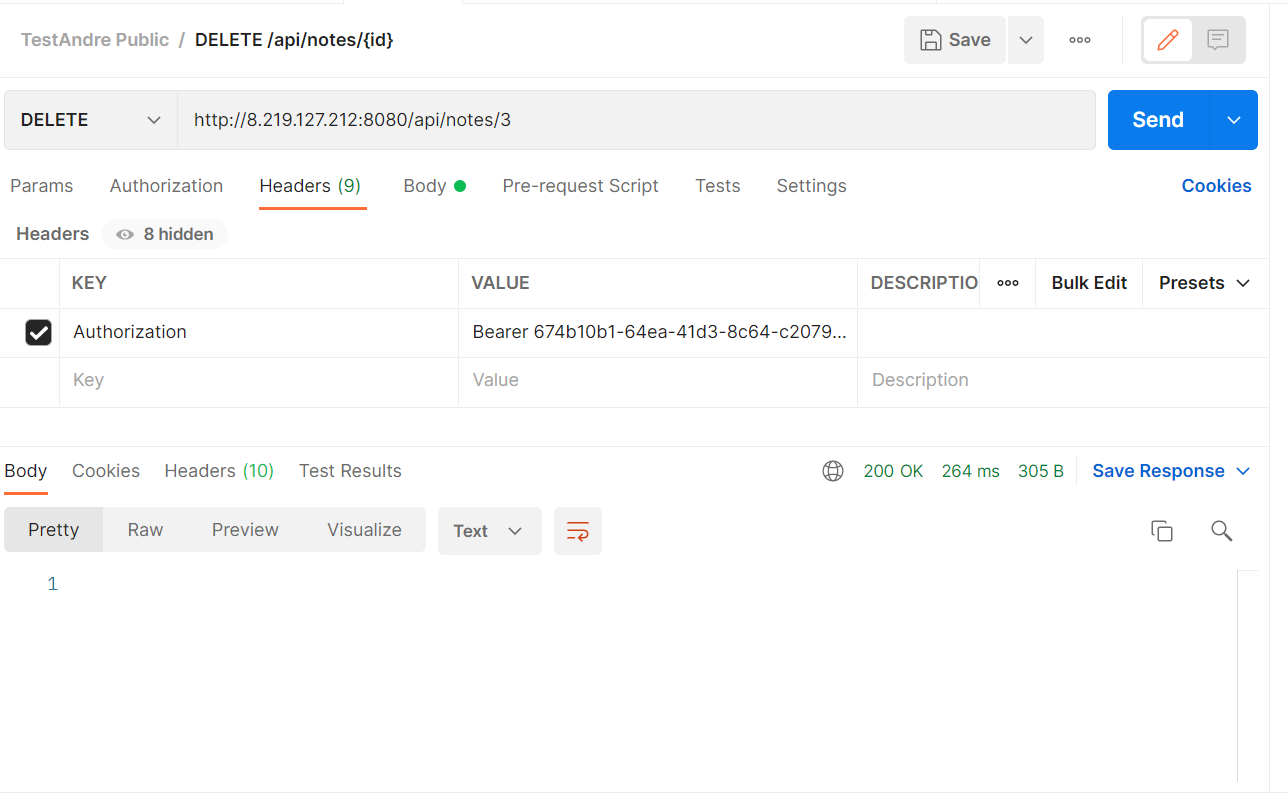
This service use to delete a spesific data on database

Request :

|  |  |
| --- | --- |
| Field | Desc |
| {id} | Refer to data id spesific update |
| Authorization | Token access valid |
| title | Use to update title |
| Content | Use to update content |

|  |
| --- |
| curl --location --request DELETE 'http://8.219.127.212:8080/api/notes/6' \  --header 'Authorization: Bearer 674b10b1-64ea-41d3-8c64-c207950664eb' |

Response :



1. Get All Data

This service use to inquiry all data in database

Request :

|  |  |
| --- | --- |
| Field | Desc |
| Authorization | Token access valid |

|  |
| --- |
| curl --location --request GET 'http://8.219.127.212:8080/api/notes' \  --header 'Authorization: Bearer aa5b1638-e9d5-4461-8acd-36849b4b8bb4' |

Response :

|  |  |
| --- | --- |
| Field | Desc |
| Id | Id of data |
| content | Use to describ any content refer to title |
| createdAt | Refer to time create the data, and get the time from time server. |
| updatedAt | This field refer to time update |

|  |
| --- |
| [      {          "id": 2,          "title": "toyota",          "content": "Astra ",          "createdAt": "2022-06-14T17:10:15.000+00:00",          "updatedAt": "2022-06-14T17:37:51.000+00:00"      },      {          "id": 4,          "title": "andre",          "content": " test ",          "createdAt": "2022-06-14T18:02:25.000+00:00",          "updatedAt": "2022-06-14T18:02:25.000+00:00"      },      {          "id": 5,          "title": "andre",          "content": " test ",          "createdAt": "2022-06-14T18:28:08.000+00:00",          "updatedAt": "2022-06-14T18:28:08.000+00:00"      },      {          "id": 7,          "title": "andre",          "content": " test ",          "createdAt": "2022-06-14T18:28:13.000+00:00",          "updatedAt": "2022-06-14T18:28:13.000+00:00"      },      {          "id": 8,          "title": "andre",          "content": " test ",          "createdAt": "2022-06-14T18:28:14.000+00:00",          "updatedAt": "2022-06-14T18:28:14.000+00:00"      },      {          "id": 9,          "title": "andre",          "content": " test ",          "createdAt": "2022-06-14T18:28:14.000+00:00",          "updatedAt": "2022-06-14T18:28:14.000+00:00"      },      {          "id": 10,          "title": "andre",          "content": " test ",          "createdAt": "2022-06-14T18:28:14.000+00:00",          "updatedAt": "2022-06-14T18:28:14.000+00:00"      }  ] |