Data platform API v1

The Data platform API allows developers to work with Data platform.

Test Api

The Data platform Test API allows developers to work with the test tool within Data platform,

/testapi/createtest

A person calls this endpoint to do a adhoc test and the test results will sent to the email id.

EXAMPLE

curl -X POST https://api.dataplatform.com/testapi/createtest \

    -H 'content-type: application/json'

    -d '{“access\_token”: “”,

“source”: "snowflake",

“table” : “db.schema.table”,

“type” : “adhoc”,

“email” : “user@sendreports.com”

}'

**Sample response**

{

  "status": 200,

  “body” : { “runid” : “123a”,

“ScheduleddAt” : <timestamp>,

}

}

/testapi/scheduletest

A person calls this endpoint to schedule a table for testing and the test results will be populated in the test dashboard.

EXAMPLE

curl -X POST https://api.dataplatform.com/testapi/scheduletest \

    -H 'content-type: application/json'

    -d '{“access\_token”: “”,

“source”: "snowflake",

“table” : “db.schema.table”,

“test-types” : [list of tests to be done]

“type” : “schedule”,

“cron” : “0 15 10 ? \* \*”

}'

**Sample response**

{

  "status": 200,

  “body” : { “jobid” : “123a”,

“ScheduleddAt” : <timestamp>,

}

}

/testapi/removeschedule

A person calls this endpoint to remove a particular table from scheduled testing table.

EXAMPLE

curl -X POST https://api.dataplatform.com/testapi/createtest \

    -H 'content-type: application/json'

    -d '{“access\_token”: “”,

“source”: "snowflake",

“table” : “db.schema.table”,

“type” : “schedule”,

“jobid” : “123a”

}'

**Sample response**

{

  "status": 200,

  “body” : { “message” : “the < jobid > for the table <table> has been removed from scheduled run list”

}

}

/testapi/modifytest

A person calls this endpoint to modify a scheduled test.

EXAMPLE

curl -X POST https://api.dataplatform.com/testapi/scheduletest \

    -H 'content-type: application/json'

    -d '{“access\_token”: “”,

“jobid” : “123a”,

“source”: "snowflake",

“table” : “db.schema.table”,

“test-types” : [list of tests to be done]

“type” : “schedule”,

“cron” : “0 15 10 ? \* \*”

}'

**Sample response**

{

  "status": 200,

  “body” : { “jobid” : “123a”,

“ScheduleddAt” : <timestamp>,

}

}

Errors

Errors are returned using standard HTTP error code syntax. Depending on the status code, the response body may be in JSON or plaintext.

Response Attribute

|  |  |  |
| --- | --- | --- |
| Attribute | Data Type | Description |
| s | string | “error” |
| code | int | Negative integer to identify the specific error |
| message | string | Error message to identify error |
| HTTP Header | int | Refer to the error codes table |

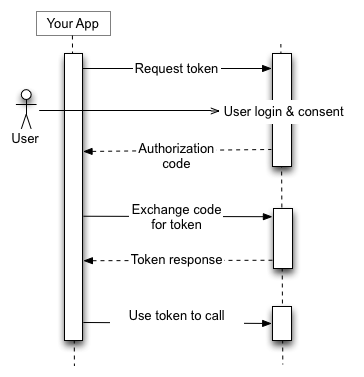
Errors by status code

The status codes contain the following

|  |  |
| --- | --- |
| **Status Code** | **Meaning** |
| 200 | Request was successful |
| 400 | Bad request. The request is invalid or certain other errors |
| 401 | Authorization error. User could not be authenticated |
| 403 | Permission error. User does not have the necessary permissions |
| 500 | Internal server error. |

**Authorization**

Data platform supports OAuth 2.0 for authorizing API requests. Authorized requests to the API should use an Authorization header with the value Bearer <TOKEN>, where <TOKEN> is an access token obtained through the OAuth flow.



Data platform server

Data platform api

/oauth2/authorize

METHOD

GET

EXAMPLE

Example: Auth URL for code flow

https://www.api.dataplatform.com/oauth2/authorize?client\_id=<APP\_KEY>&response\_type=code

**Sample response**

[REDIRECT\_URI]#token\_type=bearer&account\_id=dbid%& access\_token=ABCDEFG&

access\_token *String* A token which can be used to make calls to the dataplatform API.

token\_type *String* The type of token, which will always be bearer.

account\_id *String* A user's account identifier used by API v1.

/oauth2/token

An app calls this endpoint to acquire a bearer token once the user has authorized the app.

Calls to /oauth2/token need to be authenticated using the apps's key and secret. These can either be passed as application/x-www-form-urlencoded POST parameters (see parameters below) or via [HTTP basic authentication](https://en.wikipedia.org/wiki/Basic_access_authentication). If basic authentication is used, the app key should be provided as the username, and the app secret should be provided as the password.

URL STRUCTURE

https://api.dataplatform.com/oauth2/token

METHOD

POST

EXAMPLE

Example: code flow access token request

curl https://api.Data platform.com/oauth2/token \

    -d code=<AUTHORIZATION\_CODE> \

    -d grant\_type=authorization\_code \

    -d redirect\_uri=<REDIRECT\_URI> \

    -d client\_id=<APP\_KEY> \

    -d client\_secret=<APP\_SECRET>

**Sample response**

Example: short-lived token

{

  "access\_token": "sl.AbX9y6Fe3AuH5o66-gmJpR032jwAwQPIVVzWXZNkdzcYT02akC2de219dZi6gxYPVnYPrpvISRSf9lxKWJzYLjtMPH-d9fo\_0gXex7X37VIvpty4-G8f4-WX45AcEPfRnJJDwzv-",

  "expires\_in": 14400,

  "token\_type": "bearer",

  "scope": "account\_info.read files.content.read files.content.write files.metadata.read",

  "account\_id": "dbid:AAH4f99T0taONIb-OurWxbNQ6ywGRopQngc",

  "uid": "12345"

}