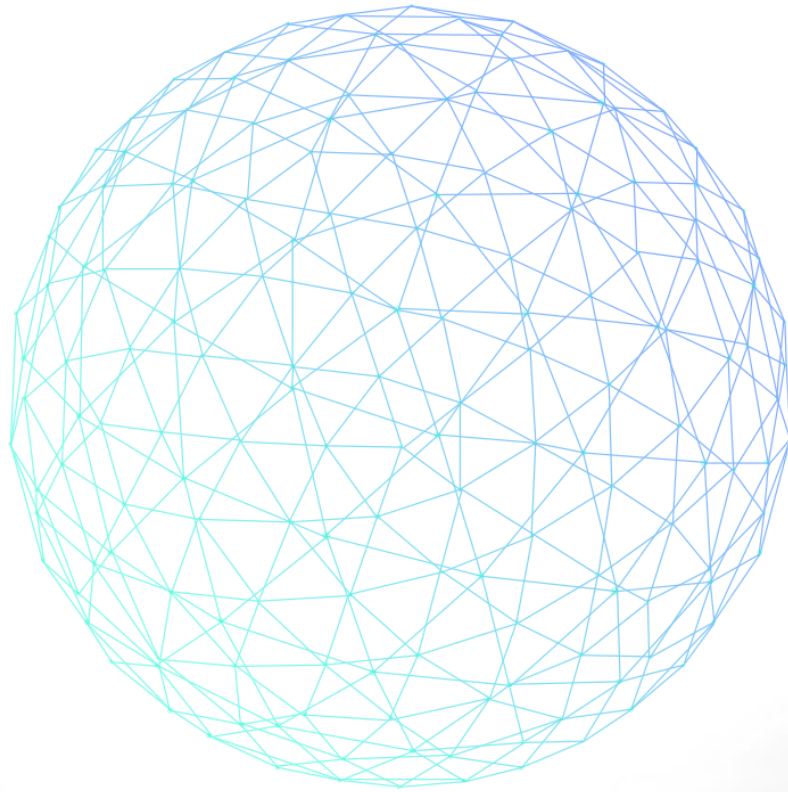


DaaS Platform

API Documentation



【Version : 3.6.1】

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1. Data Export

Resource URL: `http://<IP address>/maintenance/export/cols/{dsName}/{dbName}`

HTTP Method: GET

File storage: The export defaults to storing in the /tmp folder

Export file name: `<database_name or all><timestamp>.xlsx`

Parameter	Description	Required
dsName	DataSource name	Mandatory
dbName	DataSource name	Optional

Example Request:

Export description information under the "public" database in the "Test System" data source.

`http://192.168.1.111/maintenance/export/cols/TestSystem/public`

If no database name is specified, then export the description information of all databases under the "Test System" data source.

`http://192.168.1.111/maintenance/export/cols/TestSystem`

2. Data Import

Resource URL: `http://<IP address>/maintenance/import/cols/{fileName}`

HTTP Method: GET

File storage: The import file must be stored in the /tmp folder

Parameter	Description	Required
fileName	File name for import	Mandatory

Example Request: `http://192.168.1.111/maintenance/import/cols/pg_local_meta_database`

***Note:**

No need to include file extension like xlsx in the file name. The system will automatically update the corresponding records in the metadata database based on the content updated in the file.

3. Dynamic API for Data Retrieval

Resource URL: http://<IP address>/sdk/sql/executeOnetime

HTTP Method: POST

Parameter	Description	Required
connId	Connection name, DataSource.Database name	Mandatory
dbType	Database type (mysql, postgresql, oracle, impala, hive, mssql)	Mandatory
executeSql	SQL statement to be executed	Mandatory

Example Request:

```
http:// 192.168.1.111/sdk/sql/executeOnetime
```

POST Body with JSON parameters:

```

1  {
2      "connId": ".....public",
3      "dbType": "postgresql",
4      "executeSql": "select * from list_of_orders"
5  }
```

***Note:** Input the API Token in the HTTP request header.

Successful Return Example

```

1  {
2      "code": 1,
3      "data": [
4          {
5              "order_id": "B-25601",
6              "order_date": "01-04-2018",
7              "customername": "Bharat",
8              "state": "Gujarat",
9              "city": "Ahmedabad\r"
10         },
11         {
12             "order_id": "B-25602",
13             "order_date": "01-04-2018",
14             "customername": "Pearl",
15             "state": "Maharashtra",
16             "city": "Pune\r"
17         }
18     ],
19     "count": 2
20 }
```

4. API Authentication

Resource URL: http://<IP address>/user/api_authentication

HTTP Method: POST

Content-Type: application/json;charset=UTF-8

Parameter	Description	Required
username	Account name with API calling rights	Mandatory
password	Password for the account with API calling rights	Optional

Example Request:

```
http://192.168.1.111/user/api_authentication
```

POST body with JSON parameters

```

1  {
2      "username": "testuser",
3      "password": "123456"
4  }
```

Successful Return Example

```

1  {
2      "code": 1,
3      "data": {
4          "apiToken": "40049042B5E2958EF10CB3E4AEFDB887136EF42B84F12976E37B7620DA0E02D2"
5      },
6      "action": "success"
7  }
```