دی ماه ۹۷

سند راهنمای ارسال درخواست های API

شرکت داده‌پردازان تدبیر سرمایه (داتکس)

در سرویس دریافت توکن،

DATX-PASSWORD ،DATX-USENAME ، API-PASSWORD،API-USERNAME

با مقادیری که در اختیار تیم ها قرار گرفته است، مقداردهی شود.

JAVA

TOKEN

```java
OkHttpClient client = new OkHttpClient();

MediaType mediaType = MediaType.parse("application/x-www-form-urlencoded");

RequestBody body = RequestBody.create(mediaType, "client_id=API-USERNAME&client_secret= API-PASSWORD &username=DATX-USERNAME&password=DATX-PASSWORD&grant_type=password&undefined=");

Request request = new Request.Builder()

 .url("http://94.232.168.165/api/oauth/token")

 .post(body)

 .addHeader("Content-Type", "application/x-www-form-urlencoded")

 .addHeader("Authorization", "Basic ZXphhdGGk6MQ==")

 .addHeader("cache-control", "no-cache")

 .build();

Response response = client.newCall(request).execute();
```

CREATE ORDER

```java
OkHttpClient client = new OkHttpClient();

MediaType mediaType = MediaType.parse("application/json");

RequestBody body = RequestBody.create(mediaType,
"{\n\"VT\":\"DAY\",\"VD\":\"NULL\",\"i\":\"IRO1IKCO0001\",\"MNQ\":\"0\",\"ICQ\":\"0\",\"Q\":\"524\",\"P\":\"2845\",\"SD\":\"B\",\"OT\":\"LIMIT\",\"BID\":\"\0\",\"C\":\"NULL\"\n}");

Request request = new Request.Builder()

 .url("http://94.232.168.165/api/dtts/rest/v1/createOrderRequest")

 .post(body)

 .addHeader("Content-Type", "application/json")

 .addHeader("Authorization", "Bearer 10a766af-d975-4b4b-97eb-86bbb9961e77")

 .addHeader("cache-control", "no-cache")

 .build();

Response response = client.newCall(request).execute();
```

PYTHON

TOKEN

```
import http.client

conn = http.client.HTTPConnection("94,232,168,165")

payload = "client_id=API-USERNAME&client_secret=API-PASSWORD&username=DATX-USERNAME&password=DATX-PASSWORD&grant_type=password&undefined="

headers = {

  'Content-Type': "application/x-www-form-urlencoded",

  'Authorization': "Basic ZXphdGk6MQ==",

  'cache-control': "no-cache",

  }

conn.request("POST", "api,oauth,token", payload, headers)

res = conn.getresponse()

data = res.read()

print(data.decode("utf-8"))
```

CREATE ORDER

```
import http.client

conn = http.client.HTTPConnection("94,232,168,165")

payload =
"{\n\"VT\":\"DAY\",\"VD\":\"NULL\",\"i\":\"IRO1IKCO0001\",\"MNQ\":\"0\",\"ICQ\":\"0\",\"Q\":\"524\",\"P\":\"2845\",\"SD\":\"B\",\"OT\":\"LIMIT\",\"BID\":\"0\",\"C\":\"NULL\"\n}"

headers = {

  'Content-Type': "application/json",

  'Authorization': "Bearer 10a766af-d975-4b4b-97eb-86bbb9961e77",

  'cache-control': "no-cache",

  }

conn.request("POST", "api,dtts,rest,v1,createOrderRequest", payload, headers)

res = conn.getresponse()

data = res.read()

print(data.decode("utf-8"))
```

C#

TOKEN

var client = new RestClient("http://94.232.168.165/api/oauth/token");

var request = new RestRequest(Method.POST);

request.AddHeader("cache-control", "no-cache");

request.AddHeader("Authorization", "Basic ZXphdGGk6MQ==");

request.AddHeader("Content-Type", "application/x-www-form-urlencoded");

request.AddParameter("undefined", "client_id=API-USERNAME&client_secret=API-PASSWORD&username=DATX-USERNAME&password=DATX-PASSWORD&grant_type=password&undefined=", ParameterType.RequestBody);

IRestResponse response = client.Execute(request);

CREATE ORDER

var client = new RestClient("http://94.232.168.165/api/dtts/rest/v1/createOrderRequest");

var request = new RestRequest(Method.POST);

request.AddHeader("Postman-Token", "f1845633-0c7a-4364-82ea-745ed33e2657");

request.AddHeader("cache-control", "no-cache");

request.AddHeader("Authorization", "Bearer 10a766af-d975-4b4b-97eb-86bbb9961e77");

request.AddHeader("Content-Type", "application/json");

request.AddParameter("undefined",
"{\n\"VT\":\"DAY\",\"VD\":\"NULL\",\"i\":\"IRO1IKCO0001\",\"MNQ\":\"0\",\"ICQ\":\"0\",\"Q\":\"524\",\"P\":\"2845\",\"SD\":\"B\",\"OT\":\"LIMIT\",\"BID\":\"0\",\"C\":\"NULL\"\n}", ParameterType.RequestBody);

IRestResponse response = client.Execute(request);

PHP

<u>TOKEN</u>

```php
<?php
$request = new HttpRequest();
$request->setUrl('http://94.232.168.165/api/oauth/token');
$request->setMethod(HTTP_METH_POST);
$request->setHeaders(array(
  'cache-control' => 'no-cache',
  'Authorization' => 'Basic ZXphdGk6MQ==',
  'Content-Type' => 'application/x-www-form-urlencoded'
));
$request->setContentType('application/x-www-form-urlencoded');
$request->setPostFields(array(
  'client_id' => 'API-USERNAME',
  'client_secret' => 'API-PASSWORD',
  'username' => 'DATX-USERNAME',
  'password' => 'DATX-PASSWORD',
  'grant_type' => 'password',
  'undefined' => null
));
try {
  $response = $request->send();
  echo $response->getBody();
} catch (HttpException $ex) {
  echo $ex;
}
```

CREATE ORDER

```php
<?php
$request = new HttpRequest();
$request->setUrl('http://94.232.168.165/api/dtts/rest/v1/createOrderRequest');
$request->setMethod(HTTP_METH_POST);


$request->setHeaders(array(
  'Postman-Token' => '5e0268c5-8e42-4161-9fef-497078d88256',
  'cache-control' => 'no-cache',
  'Authorization' => 'Bearer 10a766af-d975-4b4b-97eb-86bbb9961e77',
  'Content-Type' => 'application/json'
));
$request->setBody('{
"VT":"DAY","VD":"NULL","i":"IRO1IKCO0001","MNQ":"0","ICQ":"0","Q":"524","P":"2845","SD":"B","OT":"LIMIT","BID":"0","C":"NULL"
}');
try {
  $response = $request->send();
  echo $response->getBody();
} catch (HttpException $ex) {
  echo $ex;
}
```