

OAuth 1.0

In OAuth 1.0 authorization, system asks for the following attributes:

- Signature Method (Supports HMAC-SHA1, PLAINTEXT)
- Consumer Key
- Consumer Secret
- Scope

Configure Authorization for APIs ✕

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Tip: To share the authorization details to your team members you may tick the "Share Authorization Details?" field.

Share Authorization Details?

Name

Auth Type

OAuth 1.0 Authorization

Signature Method

Consumer Key

[Close](#) [Save](#)

After filling these attributes, user need to follow the two steps mentioned below:

1. Step 1: Access Token Generator (Optional)

If you already have the access token key and secret (generated from external application) then you can skip this step completely otherwise this step is required. Fill in the following details to complete this step:

- a. Request Token URL
- b. Authorize URL
- c. Access Token URL

After filling the above attributes, click on "Authorize & Generate Access Token". System will redirect user to authorize the consumer provided in a popup window (If popup window doesn't open then please check in the address bar whether popups are blocked or not. If popups are blocked then allow access to complete authorization process.). After successful authorization, close the popup window and click on "Refresh" button in previous window, to fill the access token key/secret in step 2 automatically.

2. Step 2: If already having the access token or generated from Step 1

If you have generated the access token key/secret pair from any external application, then just fill the details and save the authorization. And if you have completed the step 1, then click on refresh to fill these details automatically by the system.



Note

For more details on OAuth 1.0, please refer [OAuth 1.0 Spec](#)

Example:

Let us take an example of twitter authorization (OAuth 1.0A)

1. First provide the OAuth 1.0 details like Signature method, consumer key, consumer secret and scope (Optional).

Configure Authorization for APIs ×

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Share Authorization Details?

Name

Auth Type

OAuth 1.0 Authorization

Signature Method

Consumer Key

Consumer Secret

Scope

[Close](#) [Save](#)

2. Then scroll down and go to step 1 (Access Token Generator). This step is optional only If you already have the access token key and secret obtained via some external utility.

Step 1: Access Token Generator [Optional]



Request Token URL

Authorize URL

Access Token URL

Authorize & Generate Access Token

3. If don't have access token key and secret then fill in the details asked by step 1 and click on "Authorize & Generate Access Token" button to proceed. System will redirect you to twitter's page to authorize your app.



Authorize vrest-app to use your account?


Authorize app

This application will be able to:

- Read Tweets from your timeline.
- See who you follow, and follow new people.
- Update your profile.
- Post Tweets for you.

Will not be able to:

- Access your direct messages.
- See your Twitter password.


vrest-app
vrest.io
vREST twitter app to demonstrate OAuth 1.0 authorization

You can revoke access to any application at any time from the [Applications tab](#) of your Settings page.

By authorizing an application you continue to operate under [Twitter's Terms of Service](#). In particular, some usage information will be shared back with Twitter. For more, see our [Privacy Policy](#).

4. Click on "Authorize app" button to proceed. Twitter will redirect you to the vREST page as shown below:



Access Token successfully generated. Click on the link below to view generated credentials.

If you found this error as unusual, you may report it at support@vrest.io with request Id `lrufjrrc`

[Go back to Home page.](#)

- Click on link provided on the previous screen to return to your authorization screen. Access Token details will be shown in Step 2 automatically as shown in figure.

Step 2: If already having the access token or generated from Step 1

Access Token Key

Access Token Secret

- Now you have successfully configured twitter oauth. You can now use it in your test cases like below:

The screenshot shows a REST client interface for a test case named "10. Search Tweets". The URL is `https://api.twitter.com/1.1/search/tweets.json` and the method is GET. The description is "Returns a collection of relevant Tweets matching a specified query." The project is "Demo Project". The test suites are empty. The versions are "API 1.1". The tags are empty. The authorization is set to "Twitter Auth". The wait for seconds is empty.

URL	https://api.twitter.com/1.1/search/tweets.json
Method	GET
Description	Returns a collection of relevant Tweets matching a specified query.
Project	Demo Project
Test Suites	Empty
Versions	API 1.1
Authorization	Twitter Auth
Tags	Empty
Wait for seconds	Empty