



**Najah National University**  
**Computer Engineering department**

# Advanced Software

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## RESTful Twitter API

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Login:

The screenshot shows a REST client interface with the following details:

- Request:**
  - Method: **POST**
  - URL: `{{URL}}/auth/login`
  - Body (JSON):

```
{  "username": "ali_1",  "password": "secret"}
```
- Response:**
  - Status: **200 OK**
  - Time: **437 ms**
  - Size: **424 B**
  - Body (Pretty):

```
{  "token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VySWQiOiI2Mzk0YzA4MDM4YzUyMTU4YWVhbnR5bWUiLCJpYXQiOiJlY2NzE1NjA4NTQsImV4cCI6MTY3NDU1Mjg1NH0.8_pQs-zN4K8hKLnkg3tlt_VNnbv_xJgBmAInDiZPcIk"}
```

The interface includes tabs for Params, Auth, Headers (8), Body, Pre-req., Tests, and Settings. The Body tab is active, showing the request and response in JSON format. The response is displayed in a 'Pretty' view.

Signup:

The screenshot shows a REST client interface with the following details:

- Endpoint:** `POST {{URL}}/auth/register`
- Method:** `POST`
- Body (JSON):**

```
{
  "name": "ali Naser",
  "username": "ali_4",
  "password": "secret",
  "birthday": "2000-03-8",
  "address": "attil-tolkarem1"
}
```
- Response (Pretty):**

```
{
  "token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VySWQiOiI2M2ExZmUwOGRjODEwMTQ4ZTQzNmExM2QiLCJpYXQiOiE2NzE1NjA3MTMsImV4cCI6MTY3NDE1Mjc5M30.pvu6NyVUfNtn1MZ9cWaz8GtDiodMimFL40obFCOMKe0"
}
```
- Status:** 201 Created, 442 ms, 429 B
- Actions:** Save, Send, Cookies, Beautify, Save Response

Add new tweet.

VARIABLE	INITIAL VALUE	CURRENT VALUE
URL	http://localhost:3000/api/v1	http://localhost:3000/api/v1
accessToken		eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VySWQiOiI2Mzk0YzA4MDM4YzUyMTU4YW5kZjhhYmliLCJpYXQiOiJlZ2NzE1NjA4NTQsImV4cCI6IjY3NDE1Mjg1NH0u8_pQ...

Twitter-api / Create-Tweet Save ... Edit Comments

POST

{{URL}}/tweets

Send

Params Auth Headers (10) Body Pre-req. Tests Settings Cookies Beautify

raw JSON

```
1 {
2   ... "Description": "elon mask went viral today lol he must leave twitter asap",
3   ... "Hashtag": "#LEAVE_ELON"
4
5 }
```

Body 201 Created 353 ms 509 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "tweet": {
3     "_id": "63a1ff49dc810148e436a140",
4     "Description": "elon mask went viral today lol he must leave twitter asap",
5     "Hashtag": "#LEAVE_ELON",
6     "createdBy": "6394c08038c52158acdf8abb",
7     "createdAt": "2022-12-20T18:30:33.439Z",
8     "updatedAt": "2022-12-20T18:30:33.439Z",
9     "__v": 0
10  }
```

Cookies Capture requests Runner Trash

Delete a tweet.

The screenshot shows a REST client interface with a dark theme. At the top, the title bar reads "Twitter-api / Delete a tweet". To the right of the title bar are buttons for "Save", a dropdown arrow, and a menu icon. Below the title bar, the request configuration area shows a "DELETE" method and a URL template: "{{URL}}/tweets/63a1fff0dc810148e436a146". A blue "Send" button is on the right. Below this is a tabbed interface with "Params", "Auth", "Headers (7)", "Body", "Pre-req.", "Tests", and "Settings". The "Body" tab is selected and underlined. Below the tabs, a dropdown menu shows "none". The main area of the "Body" tab contains the text "This request does not have a body". At the bottom of the interface, the response section shows a status of "200 OK", a response time of "684 ms", and a size of "145 B". There is a "Save Response" button. Below the response status are tabs for "Pretty", "Raw", "Preview", and "Visualize". The "Pretty" tab is selected. Below these tabs, the response body is displayed as a single line with the number "1". At the very bottom of the interface, there is a footer bar with icons and labels for "Cookies", "Capture requests", "Runner", "Trash", and a window management icon.

Edit a tweet.

Twitter-api / Edit a tweet

PATCH `{{URL}}/tweets/63a1ff49dc810148e436a140` Send

Params Auth Headers (9) **Body** Pre-req. Tests Settings Cookies

raw JSON Beautify

```
1 {
2   "Description": "ELON MASK TWEET ...lol edited3",
3   "Hashtag": "#free_palestine4"
4 }
```

Body 200 OK 688 ms 481 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "tweet": {
3     "_id": "63a1ff49dc810148e436a140",
4     "Description": "ELON MASK TWEET ...lol edited3",
5     "Hashtag": "#free_palestine4",
6     "createdBy": "6394c08038c52158acdf8abb",
7     "createdAt": "2022-12-20T18:30:33.439Z",
8     "updatedAt": "2022-12-20T18:35:54.605Z",
9     "__v": 0
10  }
11 }
```

Retrieve all tweets (use paging).

GET Get-All-Tweets PATCH Edit a tweet No Environment

Twitter-api / Get-All-Tweets Save

GET {{URL}}/tweets?page=1&pageSize=5 Send

Params Auth Headers (8) Body Pre-req. Tests Settings Cookies

Query Params

	KEY	VALUE	DESCRIPTION		Bulk Edit
<input checked="" type="checkbox"/>	page	1			
<input checked="" type="checkbox"/>	pageSize	5			
	Key	Value	Description		

Body 200 OK 706 ms 986 B Save Response

Pretty Raw Preview Visualize JSON

```
2  "tweets": [  
3    {  
4      "_id": "63950763f3418230d8a2addf",  
5      "Description": "1th tweet helloaaasdasdsadsadsad",  
6      "Hashtag": "#free_palestine.....",  
7      "createdBy": "639492e32c4a394e00bba745",  
8      "createdAt": "2022-12-10T22:25:39.129Z",  
9      "updatedAt": "2022-12-10T22:25:39.129Z",  
10     "__v": 0  
11   },  
12   {  
13     "_id": "639507e1f3418230d8a2ade8",  
14     "Description": "bbbbbbbbbbbbbbbbbbbbbbbbbbbbbbbbbb"
```

Retrieve specific user tweets.

GET

{{URL}}/tweets/userTweets/639492e32c4a394e00bba745

Send

Params

Auth

Headers (7)

Body

Pre-req.

Tests

Settings

Cookies

Query Params

	KEY	VALUE	DESCRIPTION	...	Bulk Edit
	Key	Value	Description		

Body

200 OK 339 ms 498 B Save Response

Pretty

Raw

Preview

Visualize

JSON

```
1 {
2   "tweets": [
3     {
4       "_id": "63950763f3418230d8a2addf",
5       "Description": "1th tweet helloaaasdasdsadsadsad",
6       "Hashtag": "#free_palestine.....",
7       "createdBy": "639492e32c4a394e00bba745",
8       "createdAt": "2022-12-10T22:25:39.129Z",
9       "updatedAt": "2022-12-10T22:25:39.129Z",
10      "__v": 0
11    }
12  ]
13 }
```

Cookies

Capture requests

Runner

Trash

Retrieve user info.



Twitter-api / Retrieve user info

Save

GET{{URL}}/users/639492e32c4a394e00bba745

Send

ParamsAuthHeaders (7)BodyPre-req. TestsSettingsCookies

Query Params

	KEY	VALUE	DESCRIPTION		Bulk Edit
	Key	Value	Description		

Body

200 OK346 ms386 BSave Response

PrettyRawPreviewVisualizeJSON

```
1  {
2    "newUser": {
3      "_id": "639492e32c4a394e00bba745",
4      "name": "ali Naser2",
5      "username": "ali_2",
6      "birthday": "2000-03-07T22:00:00.000Z",
7      "address": "attil-tolkarem"
8    }
9  }
```

CookiesCapture requestsRunnerTrash

Edit my own info.

Twitter-api / Edit my own info

PATCH `{{URL}}/users/6394c08038c52158acdf8abb` **Send**

Params Auth Headers (9) **Body** Pre-req. Tests Settings Cookies Beautify

raw JSON

```
1 {
2   "name": "ali Naser",
3   "username": "ali_1",
4   "birthday": "2000-03-8",
5   "address": "attil-tolkarem1"
6 }
7 }
```

Body 200 OK 688 ms 374 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "_id": "6394c08038c52158acdf8abb",
3   "name": "ali Naser",
4   "username": "ali_1",
5   "birthday": "2000-03-07T22:00:00.000Z",
6   "address": "attil-tolkarem1"
7 }
```

⌘ Cookies ⌘ Capture requests ▶ Runner 🗑 Trash

Change password.

Twitter-api / **Change password** Save ... ✎ 💬

**PATCH** ▼ `{{URL}}/users/changepassword/6394c08038c52158acdf8abb` Send ▼

Params Auth ● Headers (9) **Body** ● Pre-req. Tests Settings Cookies

raw ▼ **JSON** ▼ Beautify

```
1 {
2   ... "password": "secret"
3 }
```

Body ▼ 🌐 200 OK 418 ms 145 B Save Response ▼

Pretty Raw Preview Visualize Text ▼ ☰ 📋 🔍

```
1
```

🍪 Cookies 🔗 Capture requests ▶ Runner 🗑️ Trash 🔧

Follow a user.

Twitter-api / Follow a user

POST {{URL}}/followers

Send

Params Auth Headers (9) **Body** Pre-req. Tests Settings Cookies Beautify

raw JSON

```
1 {
2   "followedId": "63a1fe08dc810148e436a13d"
3 }
```

Body 201 Created 1265 ms 376 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "follower": {
3     "_id": "63a20250dc810148e436a15c",
4     "followedId": "63a1fe08dc810148e436a13d",
5     "followerId": "6394c08038c52158acdf8abb",
6     "__v": 0
7   }
8 }
```

Unfollow a user.

Twitter-api / Unfollow a user

Save

...

DELETE{{URL}}/followers/63a1fe08dc810148e436a13d

Send

ParamsAuth●Headers (7)BodyPre-req. TestsSettingsCookies

none

This request does not have a body

Body

200 OK345 ms145 BSave Response

PrettyRawPreviewVisualizeText

1

⌵ Cookies⌵ Capture requests⌵ Debugger⌵ Trash⌵

Retrieve followed user's tweets.

Twitter-api / Retrieve followed user's tweets

GET {{URL}}/followers Send

Params Auth Headers (7) **Body** Pre-req. Tests Settings Cookies

none

This request does not have a body

Body 200 OK 1002 ms 750 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "tweets": [
3     {
4       "_id": "63950763f3418230d8a2addf",
5       "Description": "1th tweet helloaaasdasdsadsadsad",
6       "Hashtag": "#free_palestine.....",
7       "createdBy": "639492e32c4a394e00bba745",
8       "createdAt": "2022-12-10T22:25:39.129Z",
9       "updatedAt": "2022-12-10T22:25:39.129Z",
10      "__v": 0
11    },
12    {
13      "_id": "639507e1f3418230d8a2ade8"
```

Add tweet to a saved list.

Twitter-api / Add tweet to a saved list

POST {{URL}}/savedTweets Send

Params Auth Headers (9) Body Pre-req. Tests Settings Cookies

raw JSON Beautify

```
1 {
2   "tweetId": "63949c2f9fae7150047d7446"
3 }
```

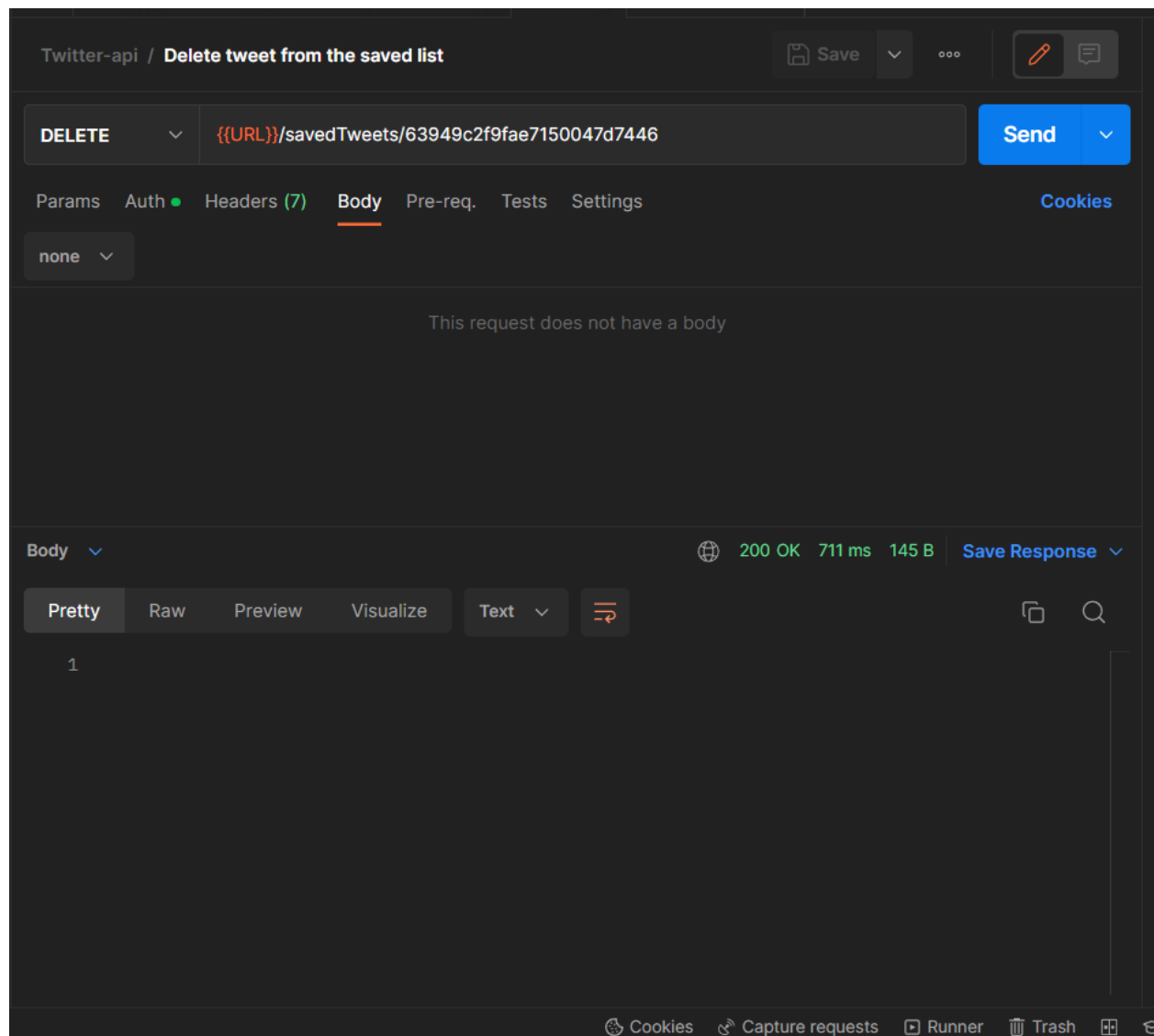
Body 201 Created 1005 ms 366 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "tweet": {
3     "_id": "63a202d4dc810148e436a16c",
4     "tweetId": "63949c2f9fae7150047d7446",
5     "userId": "6394c08038c52158acdf8abb",
6     "__v": 0
7   }
8 }
```

Cookies Capture requests Runner Trash

Delete tweet from the saved list.



Retrieve the saved tweets (use paging).



Twitter-api / Retrieve the saved tweets

Save

GET{{URL}}/savedTweets?page=1&pageSize=1

Send

ParamsAuthHeaders (7)BodyPre-req. TestsSettingsCookies

Query Params

	KEY	VALUE	DESCRIPTION		Bulk Edit
<input checked="" type="checkbox"/>	page	1			
<input checked="" type="checkbox"/>	pageSize	1			
	Key	Value	Description		

Body

200 OK341 ms364 BSave Response

PrettyRawPreviewVisualizeJSON

1

2

3

4

5

6

7

8

9

10

"tweets": [

{

"\_id": "6394e7ce99ff1348c4942e4a",

"tweetId": "6394a6d1b69ace33d078da2b",

"userId": "6394dbd110bf7046902dbcf6",

"\_\_v": 0

}

]

Hide tweet

Twitter-api / Hide tweet

Save

POST{{URL}}/hiddenTweets/hideSend

ParamsAuthHeaders (9)BodyPre-req. Tests SettingsCookies

rawJSONBeautify

```
1 {}
2 {"tweetId": "6394a6d1b69ace33d078da2b"}
3 {}
```

Body200 OK675 ms145 BSave Response

PrettyRawPreviewVisualizeText

1

Unhide tweet

Twitter-api / **Unhide tweet**

Save

...

✎

💬

POST{{URL}}/hiddenTweets/unhide

Send

ParamsAuth●Headers (9)Body●Pre-req.TestsSettingsCookies

rawJSONBeautiful

1

2

3

"tweetId": "6394a6d1b69ace33d078da2b"

Body

200 OK673 ms145 BSave Response

PrettyRawPreviewVisualizeText

1

Comment on a tweet.

Twitter-api / Comment on a tweet

POST `{{URL}}/comments/6394a6d1b69ace33d078da2b` Send

Params Auth Headers (9) **Body** Pre-req. Tests Settings Cookies

raw JSON Beautify

```
1 {
2   ... "Description": "hello i am writing a comment lol"
3 }
```

Body 201 Created 703 ms 495 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "comment": {
3     "_id": "63a20381dc810148e436a17a",
4     "Description": "hello i am writing a comment lol",
5     "tweetId": "6394a6d1b69ace33d078da2b",
6     "userId": "6394c08038c52158acdf8abb",
7     "createdAt": "2022-12-20T18:48:33.157Z",
8     "updatedAt": "2022-12-20T18:48:33.157Z",
9     "__v": 0
10  }
11 }
```

Retrieve tweet comments (use paging).

Twitter-api / Retrieve tweet comments

GET `{{URL}}/comments/63949c2f9fae7150047d7446?page=1&pageSize=1` Send

Params • Auth • Headers (7) **Body** Pre-req. Tests Settings Cookies

none

This request does not have a body

Body 200 OK 339 ms 491 B Save Response

Pretty Raw Preview Visualize JSON

```
1  {
2    "tweets": [
3      {
4        "_id": "6394fc01978a4c0f94a33fab",
5        "Description": "hello i am writing a comment lol",
6        "tweetId": "63949c2f9fae7150047d7446",
7        "userId": "6394c08038c52158acdf8abb",
8        "createdAt": "2022-12-10T21:37:05.578Z",
9        "updatedAt": "2022-12-10T21:37:05.578Z",
10       "__v": 0
11     }
12   ]
13 }
```

⌘ Cookies ⌘ Capture requests ▶ Runner 🗑 Trash 🏠

Delete a tweet comment.

Twitter-api / Delete a tweet comment

Save

DELETE{{URL}}/comments/63a20381dc810148e436a17aSend

ParamsAuthHeaders (7)BodyPre-req. TestsSettingsCookies

Type

Bearer Token

The authorization header will be automatically generated when you send the request. Learn more about [authorization](#)

Heads up! These parameters hold sensitive data. To keep this data secure while working in a collaborative environment, we recommend using variables. Learn more about [variables](#)

Token

{{accessToken}}

Body

200 OK689 ms145 BSave Response

PrettyRawPreviewVisualizeText

1

Like a tweet.

Twitter-api / Like a tweet

POST `{{URL}}/likes/63949c2f9fae7150047d7446` Send

Params Auth Headers (8) **Body** Pre-req. Tests Settings Cookies

none

This request does not have a body

Body 201 Created 1048 ms 365 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "like": {
3     "_id": "63a20594b024a04744dc05d0",
4     "userId": "6394c08038c52158acdf8abb",
5     "tweetId": "63949c2f9fae7150047d7446",
6     "__v": 0
7   }
8 }
```

Retrieve tweet likes (use paging).

Twitter-api / Retrieve tweet likes

GET `{{URL}}/likes/63949c2f9fae7150047d7446` Send

Params Auth Headers (7) **Body** Pre-req. Tests Settings Cookies

none

This request does not have a body

Body 200 OK 350 ms 601 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "tweetLikes": [
3     {
4       "_id": "6395bab7e3f1e6390ce0cba5",
5       "userId": "6394dbd110bf7046902dbcf6",
6       "tweetId": "63949c2f9fae7150047d7446",
7       "__v": 0
8     },
9     {
10      "_id": "6395bae2e3f1e6390ce0cbab",
11      "userId": "639492e32c4a394e00bba745",
12      "tweetId": "63949c2f9fae7150047d7446",
13      "v": 0
14    }
15  ]
16 }
```

Unlike a tweet.



Twitter-api / Unlike a tweet.

Save

DELETE `{{URL}}/likes/63949c2f9fae7150047d7446` Send

Params Auth Headers (7) Body Pre-req. Tests Settings Cookies

none

This request does not have a body

Body 200 OK 689 ms 145 B Save Response

Pretty Raw Preview Visualize Text

1

Retrieve tweet likes count.

Twitter-api / Retrieve tweet likes count.

Save



...



GET



{{URL}}/likes/likesCount/63949c2f9fae7150047d7446

Send



Params

Auth



Headers (7)

Body

Pre-req.

Tests

Settings

Cookies

Query Params

	KEY	VALUE	DESCRIPTION	...	Bulk Edit
	Key	Value	Description		

Body



200 OK

680 ms

251 B

Save Response



Pretty

Raw

Preview

Visualize

JSON



```
1 {
2   "likesCount": 3
3 }
```