

# Authentication

All requests to the Graniitti API must be authenticated. The API uses token-based authentication over HTTPS. Requests that are not authenticated or that are sent over plain HTTP always fail.

## Authenticating a request

To authenticate a request, add your personal access token to the request using the `Authorization` header, and prefix the token with "Bearer" followed by a space, as shown in the following example.

```
curl -X GET \  
--header 'Authorization: Bearer <access_token>' \  
'https://<graniitti_api_domain>/v0/users'
```

If you do not already have a token, get it from the Frosmo Control Panel. You can also [recreate](#) or [revoke](#) an existing token.



Do not make Graniitti API requests in client-side code that is accessible to parties you do not trust, as this will expose your token to them. Use the Graniitti API only in server-side code and in client-side code that is only accessible to parties you trust.

## Getting your personal access token

To get your personal access token:

1. In the Control Panel, select **Utilities > Frosmo APIs**.
2. In the **Graniitti API** section, click **Create token**.

### Your personal access token

All requests to the Graniitti API must be authenticated with an **access token**. Requests that are not authenticated always fail.

You can **create your personal access token** below. Use the same token in all your applications that call the Graniitti API. If you forget the token, you can **recreate** it, but note that the previous token will no longer be valid. You can also **revoke** your current token.

To authenticate a Graniitti API request, add your token to the request using the **Authorization** header. The value of the header is "Bearer" followed by a space and then the token.

```
Authorization: Bearer <your personal access token>
```

Create token

3. Copy the token. It will not be shown on the page again.

Recreate token

Revoke token

Token exists and never expires.


Copy the access token. It will not be shown on this page again.

```
eyJhbGciOiJSUzI1NiIsInR5cCI6IkpXVCIsImVudCI6ImNvbmdyYXR1bGF0aW9uc29uZmluZGluZ3RoaXNifQ.eyJqdGkiOiJjb25ncmF0dWxhdGlvdnNvbWZpbmRpbmd0aGlzIiwic3ViIjoiMTIzNDU2Nzg5MCIsm5iZiI6MTUxNjIzOTAyMiwiZXhwIjoxNTE2MjM5MDIyLCJpYXQiOiE1MjYyMzkwMjJ9.CdafCPts0fmooD7nmASMuTpt2H_gLSLJy7xzipVJiKuxQKAHPB5vk-1s30H6lx4bchOJx_UOd2RyQI7A8D9opa6cQYgJA8tV2JC1Ay1wfLMzZsNjICDI8Qs0J4CQdKIV1RE9OM0J4OGet0y8b5h5_69NSLQUHwG-D0ceGOXDusshQbzyg0-9wMPehTWc-xoL8uw7ofX9spaU6rW_3mt0GbSrYOjUfNbzNmZNBvRkt9j4WiH7uyhWPsRltjECSzUAlJugKBvZyWrdECZlI_CRo2StHvP34COKBglI0Foijtj-g4XTPJw47GvNquMXo-YhcgcMUDehr9RG5g42KUgw
```

You now have your personal access token for authenticating with the Graniitti API.

## Recreating your personal access token

If you forget your personal access token, or if you need a new one for some other reason, you can recreate the token.

 Recreating the token renders your previous token invalid. If you have applications that use the previous token, their Graniitti API requests will no longer work after you recreate the token.

To recreate your personal access token:

1. In the Control Panel, select **Utilities > Frosmo APIs**.
2. In the **Graniitti API** section, click **Recreate token**.

### Your personal access token

All requests to the Graniitti API must be authenticated with an **access token**. Requests that are not authenticated always fail.

You can **create your personal access token** below. Use the same token in all your applications that call the Graniitti API. If you forget the token, you can **recreate** it, but note that the previous token will no longer be valid. You can also **revoke** your current token.

To authenticate a Graniitti API request, add your token to the request using the **Authorization** header. The value of the header is "Bearer" followed by a space and then the token.

```
Authorization: Bearer <your personal access token>
```

**Recreate token** **Revoke token**


Token exists and never expires.

3. Copy the token. It will not be shown on the page again.

You have recreated your personal access token. Use the new token in place of the old one in all Graniitti API requests.

## Revoking your personal access token

If you no longer need your personal access token, you can revoke it.

 Revoking the token renders it invalid. If you have applications that use the token, their Graniitti API requests will no longer work after you revoke the token.

To revoke your personal access token:

1. In the Control Panel, select **Utilities > Frosmo APIs**.
2. In the **Graniitti API** section, click **Revoke token**.

### Your personal access token

All requests to the Graniitti API must be authenticated with an **access token**. Requests that are not authenticated always fail.

You can **create your personal access token** below. Use the same token in all your applications that call the Graniitti API. If you forget the token, you can **recreate** it, but note that the previous token will no longer be valid. You can also **revoke** your current token.

To authenticate a Graniitti API request, add your token to the request using the **Authorization** header. The value of the header is "Bearer" followed by a space and then the token.

```
Authorization: Bearer <your personal access token>
```

Recreate token

Revoke token

Token exists and never expires.

You have revoked your personal access token and can no longer use it to authenticate Graniitti API requests.