Programming etc

Dashboard

Tutorial. Create facebook app and set permission to fetch posts, photos, etc

U **user1272047**

Feb 16, 2025 · 📖 6 min read

Show more ⌄
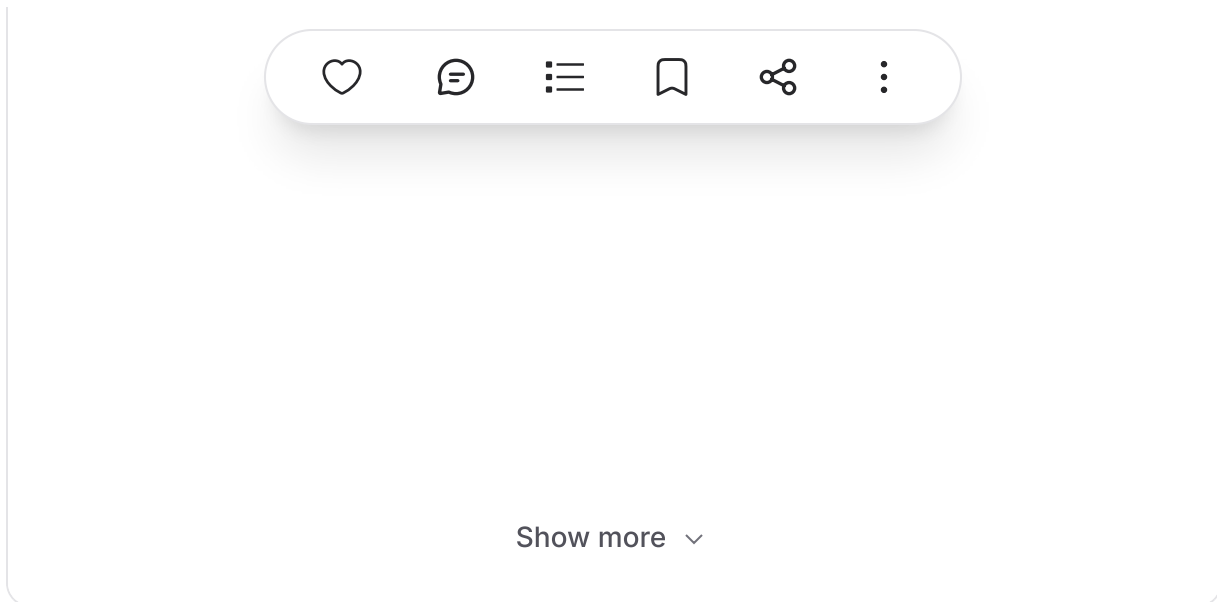
Screenshots e links.

Sensible data like app id are hidden

COPY

```
https://github.com/kenny1323/facebook_graph_api_002/blob/main/00.screen
https://github.com/kenny1323/facebook_graph_api_002/blob/main/01.screen

https://github.com/kenny1323/facebook_graph_api_002/blob/main/02.screen

https://github.com/kenny1323/facebook_graph_api_002/blob/main/03.screen

https://github.com/kenny1323/facebook_graph_api_002/blob/main/04.screen

https://github.com/kenny1323/facebook_graph_api_002/blob/main/05.screen


https://github.com/kenny1323/facebook_graph_api_002/blob/main/06.screen
https://developers.facebook.com/apps/
```
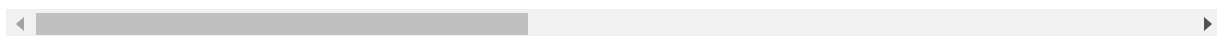
Intro:

Below there are the ~~steps to~~.

- create the facebook app;

- set up permission to **fetch posts, photos, and albums from your Facebook Page**.

Your starting point is the link https://developers.facebook.com/apps/creation/

and the **screenshot 00 and 01,** these help you to during the Facebook App creation process.

Steps to create the app :

1. Create facebbok account and login.

2. Visit
   https://developers.facebook.com/apps/creation/

3. **Look screenshot 00 and 01,**

4. Fill fields:
   app name ;
   email ;

5. Click **Next** to proceed.

6. **Select "Other"** (at the bottom of the list).

   - This option allows you to manually choose **Page-related permissions** later.

   - Click **Next** to proceed.

7. **Select App Type:**

   - Choose **Consumer** .

8. **Finalize App S**

   - Enter you~~r~~ ~~App Name and Contact Email~~

   - Click **Create App**.

9. **Now the facebook app is created.**

   Below there are the steps to:

   1. get some info like app id ;

   2. set up permission to fetch photos etc, which is your main purpose.

Token interlude :

Before to talk about **Steps to get app id etc**, make some clarificaion.

Your purpose is to download posts and photos from a Facebook page via the Graph API, as the **page administrator**, you need the following:

1. Tokens and Credentials You Need

- This are fake data, customize them

- **App ID**: `48777777777777771` (your app's ID).

- **App Secret**: `73b6s6weh36e36dr6` (your app's secret).

- **User Access Token**: A token with the `manage_pages` and `pages_read_engagement` permissions.

- **Page Access Token**: A token for the specific page you want to access.

2. Why You Need T̶h̶e̶s̶e̶ ̶T̶o̶k̶
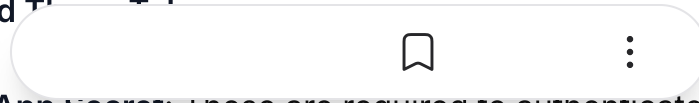
- **App ID and App Secret**: These are required to authenticate your app and generate tokens.

- **User Access Token**: This token allows you to access the pages you manage and request a **Page Access Token**.

- **Page Access Token**: This token is specific to the page and allows you to interact with its content (e.g., download posts and photos).

3. App Type: Business or Consumer?

- **Simplest Solution**: Use a **Consumer** app.

  - A **Consumer** app is easier to set up and manage for personal or small-scale use.

  - A **Business** app is more complex and is typically used for large-scale integrations or business purposes, and probably require business veriication,

  - like tax id, etc..

Steps to get app id etc:

1. **See screenshot 02 and 03.**

2. **Go to https://developers.facebook.com/apps/**

3. You can see your app id, say `4877777777777771` .

4. **Now visit "App Settings"**
   https://developers.facebook.com/apps/ `4877777777777771` /settings/

5. **Choose the C_____ T__**
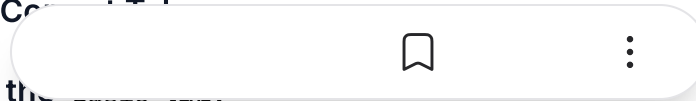
    - **Choose th_ ____ ___**

    - This tab contains the **App ID, App Secret, Contact Email, and Privacy Policy URL**, which are essential for API authentication and approval.

    - Say your app secred is `73b6s6weh36e36dr6` , as fake example.

6. **Fields to set up in the** `app setting/basic` Tab

    1. **App ID** → Needed for API authentication.

    2. **App Secret** → Used for secure API requests (keep it private).

    3. **Contact Email** → Required for Facebook verification.

    4. **Privacy Policy URL** → Add a valid URL for Facebook API approval.

    5. **Terms of Service URL** (optional but recommended).

    6. **Business Verification** → Start this process if needed for **advanced API access**.

7. **Fields to Select in the** `app setting/Advanced` Tab
    Proceed to **Advanced** settings **only if** you need extra security (e.g., IP restrictions).

Steps to set the Permissions:

1. **See screenshot 04, 05, 06.**

2. Go to **"App Review"** → **"Permissions & Features"**:
   https://developers.facebook.com/apps/ 4877777777777771 /app-review/permissions/

    - We would request the following permissions.

    - For short , we call them **app001p0001.**

        - `pages_read_engagement` (View posts, comments, and reactions)

- pages_ (Read Pas and comments)
- pages_
- `pages_show_list` (View a list of the Pages you manage)
- `pages_manage_metadata` (Access Page insights)

3. Permissions in **"App Review"** → **"Permissions & Features"** are categorized as either:

   1. **Available immediately (without a test API call)**
   2. **Require a test API call before requesting advanced access**

4. So, in particular, some of the permissions **app001p0001** can be enabled **without** making a "test API call."
   Permissions You Can Enable Without a Test API Call .
   ✅ **pages_show_list** – View a list of the Pages you manage.

5. On the other side , some of the permissions **app001p0001** can be enabled just after you make a **"test API call."**
   Permissions That Require a Test API Call.
   ⚠️ **pages_read_engagement** – View posts, comments, and reactions.
   ⚠️ **pages_read_user_content** – Read Page posts and comments.
   ⚠️ **pages_manage_posts** – Create and manage posts.
   ⚠️ **pages_manage_metadata** – Access Page insights.
   Below a **step-by-step guide** on how to make the test API call!

Step-by-Step Guide: Make a Test API Call for `app001p0001` in Facebook Graph API Explorer.

Remember :

- the app name is app001.

- the list of perm~~ission~~ ~~you require advanced acc~~ ~~ss~~ ~~app~~001p0001, which stand
  for app001 p~~ermission 0001~~

- since some **permissions require a test API call** before you can request
  advanced access, follow these steps to complete the test for `app001p0001` .

Step 1: Open Graph API Explorer

1. Go to Facebook Graph API Explorer
   https://developers.facebook.com/tools/explorer/

2. Select your App Name → app001 from the top-left dropdown.
   Ensure you are logged in with the Admin account that manages the Page.

3. select app token.
   In this case say you get fake app token : "H&hnH6HG6gHT"

4. Alternatively, to get app token, Run bash command.
   In this case you get:
   fake app token : "H&hnH6HG6gHT"

COPY

```
user001@debian:/tmp$ curl -G "https://graph.facebook.com/oauth/acc

{"access_token":"48777777777777771|H&hnH6HG6gHT","token_type":"bea
user001@debian:/tmp$
```

5. In https://developers.facebook.com/tools/explorer/
   select user token, this works for short term

6. exchange a short-lived User Access Token for a long-lived User Access
   Token in Facebook's Graph API.

COPY

```
curl -X G                                       h/access_token?g
73b6c3ecbcd6eac5c275b93e071abca1&fb_exchange_token=EAAG4mmSZBag4BC
mRk0EYeyd8AU0DFm4BijS6nBgBVldi4p6ONjvrLujUZC4SW2SvqpL5sp4DZA8tZCes
kjOuzzDpigZDZD"
```

7. Create page

   https://www.facebook.com/pages/create/

8. Get page access token

   COPY

```
curl -G "https://graph.facebook.com/v22.0/me/accounts"     -d "access_t
SxA86spBiuaZBBpbW21z5XArSPAASAnLCXEe1GxV8pdZAyvSrHUCVPD6E0K8oQ39QeLZCGv
```

Step 2: Generate a Test User Access Token

1. Click **"Get Token"** → **"Get User Access Token"**.

2. In the pop-up, enable the following **permissions from** `app001p0001` :

   - `pages_read_engagement`

   - `pages_read_user_content`

   - `pages_manage_posts`

   - `pages_show_list`

   - `pages_manage_metadata`

3. Click **Continue**, grant the requested permissions, and copy the generated token.
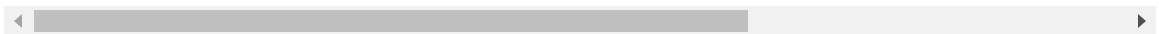
Step 3: Make Test API Calls

You now need to **test each permission** by making API requests.

Test `pages_read_engagement`

- Fetch page posts, comments, and reactions:

COPY

```
GET /{page-id}/feed?fields=message,comments,likes.summary(true)&a
```

Test `pages_read_user_content`

- Fetch user-generated posts and comments:

COPY

```
GET /{page-id}/published_posts?fields=message,comments&access_tok
```

Test `pages_manage_posts`

- Create a test post on your page:

COPY

```
POST /{page-id}/feed
Params:
message=Test API Post
access_token=YOUR_USER_ACCESS_TOKEN
```

Test `pages_show_list`

- Get a list of Pages you manage:

COPY

GET /me/   □   ⋮   KEN

Test `pages_manage_metadata`

- Fetch page insights:

<div align="right">COPY</div>

```
GET /{page-id}/insights?metric=page_impressions,page_engaged_user
```

◄ ▬▬▬▬▬▬▬▬▬▬▬▬▬▬   ►

Step 4: Validate the API Response

- If the response **returns data successfully**, you have **successfully tested the permission**.

- If you receive an **error** (e.g., `(#10) This permission requires approval`), double-check:

  - You **granted the correct permissions** in Step 2.

  - You are using the **correct page ID**.

  - The **access token is valid**.

Step 5: Submit for Advanced Access

1. Go to **Facebook App Review**.

2. Click **"App Review"** → **"Permissions & Features"**.

3. Find each permission in `app001p0001` and click **"Request Advanced Access"**.

4. Facebook ma̵̵̵̵ **t̵i̵f̵i̵c̵a̵t̵i̵** at your app fetches
    posts, photos
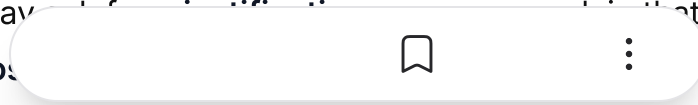
Final Step: Generate a Permanent Page Access Token

Once **permissions are approved**, generate a **long-lived Page Access Token**:

COPY

```
GET /me/accounts?access_token=YOUR_USER_ACCESS_TOKEN
```

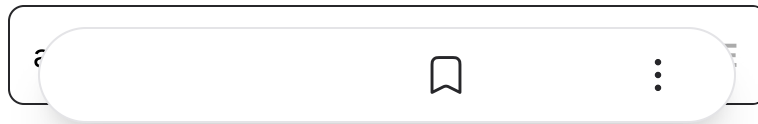Use the `access_token` from the **Page response** for future API calls.

🚀 **Now your app001 is set up to fetch posts, photos, and insights with** `app001p0001`!

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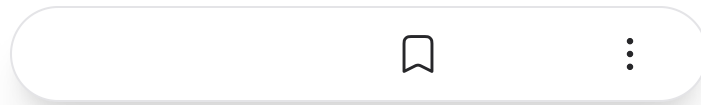Facebook   facebook-graph-api

ARTICLE SERIES

facebook

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Tutorial. Create facebook app and set permission to fetch posts, photos, etc

Screenshots e links. Sensible data like app id are hidden
https://github.com/kenny1323/facebook_grap...

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