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# Reaper Documentation

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Reaper is a PyQt5 GUI that scrapes Facebook, Twitter, Reddit and Youtube apis using the Python package `socialreaper`.

To use Reaper, install `socialreaper` and `PyQt5`, then run `reaper.py`



### 1.1 Facebook

Navigate to <https://developers.facebook.com/tools/explorer>

From the *My Apps* menu select *Add a New App*.

Fill in the details and choose the category *Apps for Pages*.

Navigate to <https://developers.facebook.com/tools/explorer> and change the application to the name of your new app.

Click *Get User Access Token* under the *Get Token* menu.

Click *Get Access Token*.

Test the new token by making an example query in the *GET* field like `wikipedia/posts`.

Extend the access token expiry time by clicking the blue *i* icon next to the *Access Token* field.

Click *Open in Access Token Tool*.

Click *Extend Access Token*.

Copy the new access token into the *Api Key* field in Reaper's authentication.

### 1.2 Twitter

Navigate to <https://apps.twitter.com/>

Click *Create New App*.

Fill in the details and create the new app.

Click the *Keys and Access Tokens* tab.

Click *Create my Access Token*.

Copy *Consumer Key (API Key)*, *Consumer Secret (API Secret)*, *Access Token*, *Access Token Secret* into their respective fields in Reaper's authentication.

## 1.3 Reddit

Navigate to <https://www.reddit.com/prefs/apps/>

Click *create another app*.

Fill in the details and select *script* as the application type.

Copy the app id (the string underneath the application's name), and secret into their respective fields in Reaper's authentication.

## 1.4 Youtube

Navigate to <http://console.developers.google.com/>

Create a new project.

Click *Youtube Data Api*.

Next to the *Youtube Data Api V3*, click *Enable*.

Click the *Create credentials* button.

Select *Other UI* as the location you will be calling from.

Select *Public Data*.

Click *What credentials do I need*.

Copy the api key into Reaper's authentication.