# Social Media Mashup Documentation

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# Facebook

## Creating your app

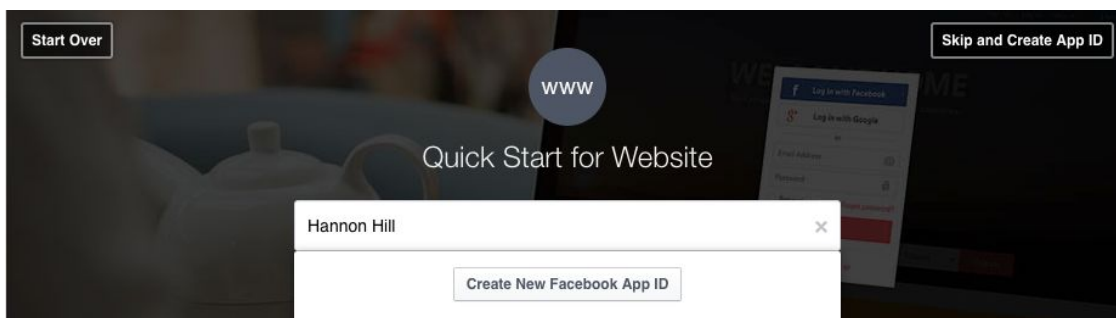1. Go to https://developers.facebook.com/apps/ (must be logged in to Facebook)
2. Click "Register Now" and accept
3. Choose "WWW" (website) when asked to add a new app
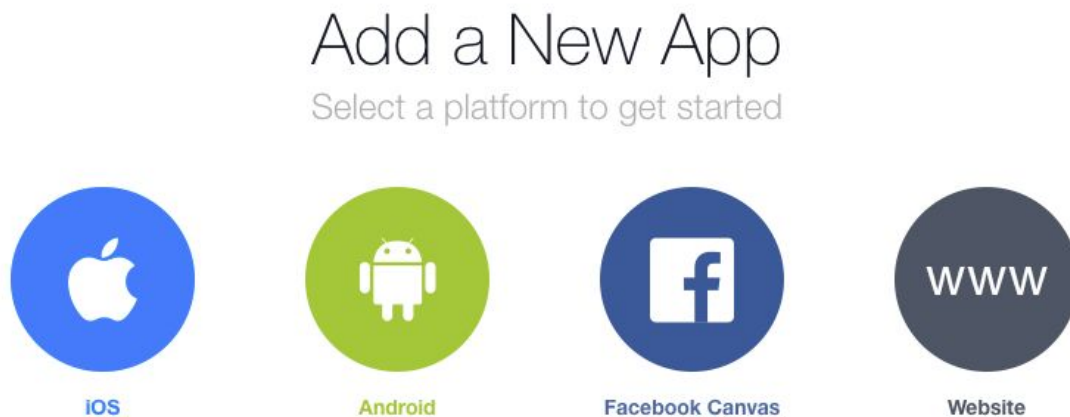


4. Enter the name of your app (e.g. Hannon Hill Feed) and click "Create New Facebook App ID"



5. Fill in your email, select a category and hit "Create App ID"

## Create a New App ID

Create **Hannon Hill** App?

Contact Email

support@hannonhill.com

[ No ] Is this a test version of another app? Learn More.

Category

[ Apps for Pages ▼ ]

By proceeding, you agree to the Facebook Platform Policies    [ Cancel ]  [ **Create App ID** ]

6. Click "Skip Quick Start" in the top right corner
7. Copy the App ID on the next screen (15 digits long) for *step 10* and *11*



# Hannon Hill Feed ○

This app is in development mode and can only be used by app admins, developers and testers [?]

API Version [?]          App ID

[ v2.5 ]                  [ 236380706715699 ]

App Secret

[ •••••••• ]                                            [ Show ]

8. Edit the socialMashup.js file in Cascade (default location is /_files/js)

```
var userName = "hannonhillcorp";
var postLimit = 10;
// It is recommended that you store these values server side for your app's protection
var appId = "236380706715699";
var pageAccessToken='236380706715699|pjZtmfBiriKq85DZbZHOj4kWHTI';
```

9. Change the userName to your Facebook name, found at the end of the url on your profile page e.g. www.facebook.com/hannonhillcorp
   a. Optional: modify the postLimit (max number of Facebook posts to display)
10. Replace the appId number with the one you copied in *step 7*
11. Modify this link
    https://graph.facebook.com/oauth/access_token?grant_type=client_credentials&client_id=APP_ID&client_secret=APP_SECRET
    a. Replace APP_ID with the number copied in *step 7*
    b. Replace APP_SECRET with the string of numbers and letters generated by clicking "Show" in the App Secret field found under the App ID on the same page as in *step 7*. You will have to enter your Facebook password for security.

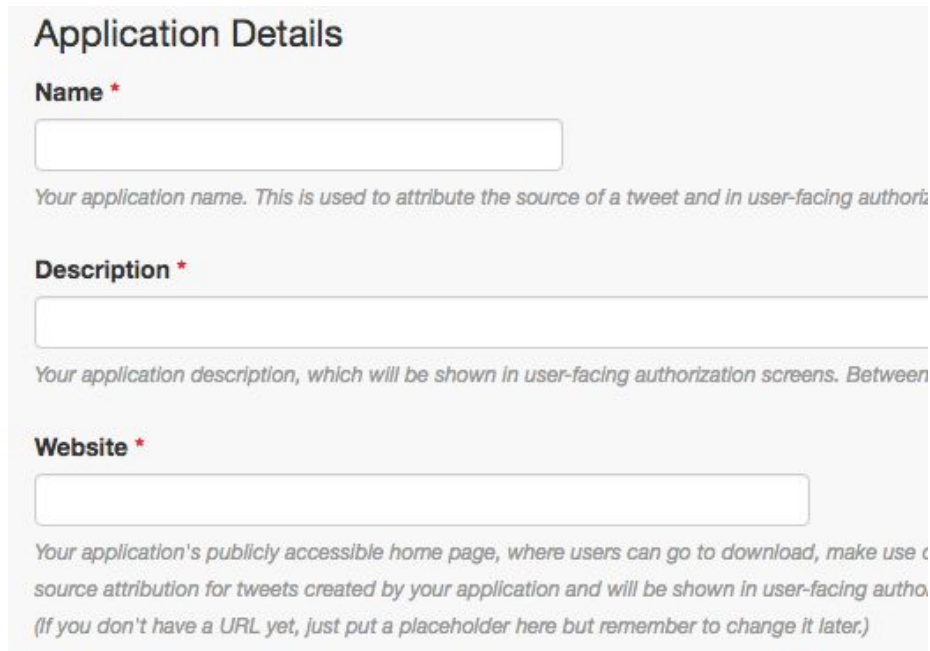c. Place the completed URL in your browser and it should produce a page that looks like

`access_token=236380706715699|pjZtmfBiriKq85DZbZHOj4kWHTI`

12. Replace the pageAccessToken in socialMashup.js with the string of numbers and letters produced in *step 11.c* after access_token=
13. Save your modifications to socialMashup.js and test the page

# Twitter

## Creating your app:

1. Go to https://apps.twitter.com/ (must be logged in to Twitter)
2. Click "Create New App"
3. Fill in your application details (you can leave Callback URL blank)

**Application Details**

Name *

_Your application name. This is used to attribute the source of a tweet and in user-facing authoriz_

Description *

_Your application description, which will be shown in user-facing authorization screens. Between_

Website *

_Your application's publicly accessible home page, where users can go to download, make use o_
_source attribution for tweets created by your application and will be shown in user-facing autho_
_(If you don't have a URL yet, just put a placeholder here but remember to change it later.)_

4. Agree to the terms and click "Create your Twitter application"
   a. Recommend: Click "Permissions", change access to Read Only, click "Update Settings"

# Hannon Hill Test Feed

Details    Settings    **Keys and Access Tokens**    Permissions

## Application Settings

*Keep the "Consumer Secret" a secret. This key should never be human-readable in your application.*

Consumer Key (API Key)        pKCSC77ATwWzzCGW3grCB9A55

Consumer Secret (API Secret)        SEYvJVpG8ytccc3Tvw58gnp4GiAhijIxQZ4WXvbIyAQgFvbRRv

Access Level        Read-only (modify app permissions)

5. Click "Keys and Access Tokens". Keep this page open for *step 8*
6. Edit the socialMashup.js file in Cascade (default location is /_files/js)

```
var userName = "hannon_hill";
var limit = 10;
// It is recommended that you store these values server side
var consumerKey = "pKCSC77ATwWzzCGW3grCB9A55";
var consumerSecret = "SEYvJVpG8ytccc3Tvw58gnp4GiAhijIxQZ4WXvbIyAQgFvbRRv";
```

7. Change the userName to the Twitter handle you want to get posts from
   a. Optional: modify the limit (max number of Twitter posts to display)
8. Copy the Consumer Key and Consumer Secret from the page in *step 5* and replace the consumerKey and consumerSecret values in socialMashup.js (respectively)
9. Save your modifications to socialMashup.js and test the page

## Modifying the search:

You may modify the advanced values in socialMashup.js in getTwitter() (line338) if you would like to perform a different search then your user timeline. All possible searches can be found in the Twitter API
Example: how to perform a search by hashtag

1. Change the searchType value to "search_tweets"
2. Change params to { q : "#hashtag, count: limit };
   a. You can also search for multiple things with OR e.g. #hashtag OR #otherhashtag
   b. Use the search options at https://dev.twitter.com/rest/public/search to search for anything on Twitter! E.g. q : "@hannon_hill OR #cascadecms OR to:hannon_hill"

```
// Advanced Setup
var searchType = "search_tweets";
var params = { q : "@hannon_hill OR #cascadecms", count : limit };
```

# Instagram

## Creating your app:

1. Go to https://www.instagram.com/developer (you must be logged in as the account you will be using for the stream)
2. Fill out the application to become an Instagram Developer!
3. Click "Manage Clients" at the top right



4. Click "Register a New Client"
5. Fill out the form
   a. Put http://localhost in the "Valid redirect URIs" field
   b. Click the "Security" tab and uncheck "Disable implicit OAuth"



6. Hit "Register"

7. Keep this page open for *step 12*
8. Edit the instagram.js file in Cascade (default location is /_files/js)
9. Replace userName with your username
10. Go to https://smashballoon.com/instagram-feed/find-instagram-user-id and enter your username to get your user id



## User ID: 499863406

Username: hannonhill
Name: Hannon Hill

11. Replace userId with the User ID obtained in *step 10*
    a. Optional: modify the limit (max number of Instagram pics to display, will be limited to 20 until you go through the Instagram submission process)

```
var userId = '499863406';
var limit = '10';
// It is recommended that you store this value server side
var accessToken = '3135575010.8e6bfd0.14b54d609b7941189e744beff589060c';
```

12. Modify this link
    https://api.instagram.com/oauth/authorize/?client_id=CLIENT-ID&redirect_uri=http://local host&response_type=token
    a. Replace CLIENT-ID with the Client ID found on the page from *step 7*
    b. Paste the modified URL in your browser and you will see a page that says you must authorize the request
    c. Click "Authorize" and you should see a page that says "It Works!"
    d. In the address bar of your browser, copy everything after access_token=
13. Replace the accessToken value in socialMashup.js with the value obtained in *step 12.d*
14. Save your modifications to socialMashup.js and you are done

## Get app approval:

Getting your app approved will remove the 20 posts and 500 requests per hour limit

1. Go to https://www.instagram.com/developer/clients/manage/ and click "Edit" on your app
2. Click the "Permissions" tab
3. Click "Start a submission"
   a. If the button is grayed out, make sure all information is filled out on the "Details" tab
4. Fill out the submission form and click "Submit" when you are done
5. Wait for approval!