

Instagram integration

Our goal is to integrate Post Office with Instagram through the newly released Publishing API (https://developers.facebook.com/docs/instagram-api/reference/ig-user/media_publish).

Before starting the project we would like to gain some experience working with the API, and determine if what we want to do is possible.

Our eventual goal in Post Office is to allow users to attach a Facebook page, as well as an Instagram account to a Location (local store that manages their own Social Media). Once attached, users of the Location can create and schedule Posts, that are then posted to the correct platform at the specified time.

Spike

This spike should be written in .Net 5 or .Net Core. It is up to you to chose how it should be executed, be it a console application, Web API, or through a test runner.

We are looking for the following features:

1. Get a list of pages with associated Instagram accounts.
2. Post an image to an Instagram account.
3. Get Insights for the image posted by it's ID (engagement & impressions).

While this spike is not intended to be immediately usable in Post Office, write the software assuming it will be used in a larger context, and isn't throwaway code.

Assumptions

You can assume you have a valid AccessToken with the appropriate permissions.

It is also assumed that the users have access to a page with an associated Instagram account, you'll have to set this up for yourself.

Other useful links

Facebooks graph API for getting the list of pages

<https://developers.facebook.com/docs/graph-api>

Facebook Instagram API:

<https://developers.facebook.com/docs/instagram>

Facebooks API Explorer for trying the APIs and generating an AccessToken for testing:

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