

Crime-Watch-America

Installation & Configuration Guide

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Crime-Watch-America
Overview

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1. Introduction

This document outlines the process and procedure for creating scripts to report about crime occurring in a specific city within the United States of America. The ultimate goal of the script is to provide awareness to the local community about crime, unsolved homicides and missing persons and pets. The information is disseminated to the local community via social media platforms such as Facebook, Twitter and Instagram.

2. Requirements

The following outlines the process to be followed to setup and install the environment for posting information to the community. The Crime-Watch-America application is supported on the Windows platform.

2.1 Hardware

- Dell Desktop computer
- Memory - 16 Gb (min)
- Disk Storage - 500 Gb (min)
- CPU -
- Windows 10+ Operating System
- Monitor Display(s) – Dual (2)

2.2 Software

- Windows 10+ O/S
- Python v3.10.8
 - Newspaper v3K
 - YT-DLP v 2022.10.04
- ImageMagick v7
- Unix\bin for Windows
- Unix \wbin for Windows
- YT-DLP v 2022.10.04
- Notepad ++
- Wget
- Curl
- Inkpreview

3. Installation

- Python v3 – download and install version 3.10.8 for Windows 10
- newspaper 3k – install using command “*pip install newspaper3K*”
- yt-dlp - install using command “*python -m pip install -U yt-dlp*”
- imagemagick v7 – download and install version 7 for Windows 10
- notepad ++ - download and install latest version & configure the compare plugin
- wget – if not already installed by default on the Windows O/S platform ... download and install it
- curl – if not already installed by default on the Windows O/S platform ... download and install it
- unix\bin – download and install the open source version of the Windows 10 version of these binaries ... modify system PATH variable to point to the location of these binaries

4. Configuration

4.1 Facebook

4.1.1 Create Unique Cross Platform User Account(s)

Create a user account that will be used to support a particular US city such as St Louis

e.g. username = crimewatchstlouis pw= xyz1

This username should be the same for all platforms that require a username in order to support a particular US city. For this example it is recommended that username crimewatchstlouis be used to create accounts for Facebook, IFTTT, Twitter and Instagram

4.1.2 Create Facebook Account

Create a Facebook account using username *crimewatchstlouis@metrocrimedaily.com*

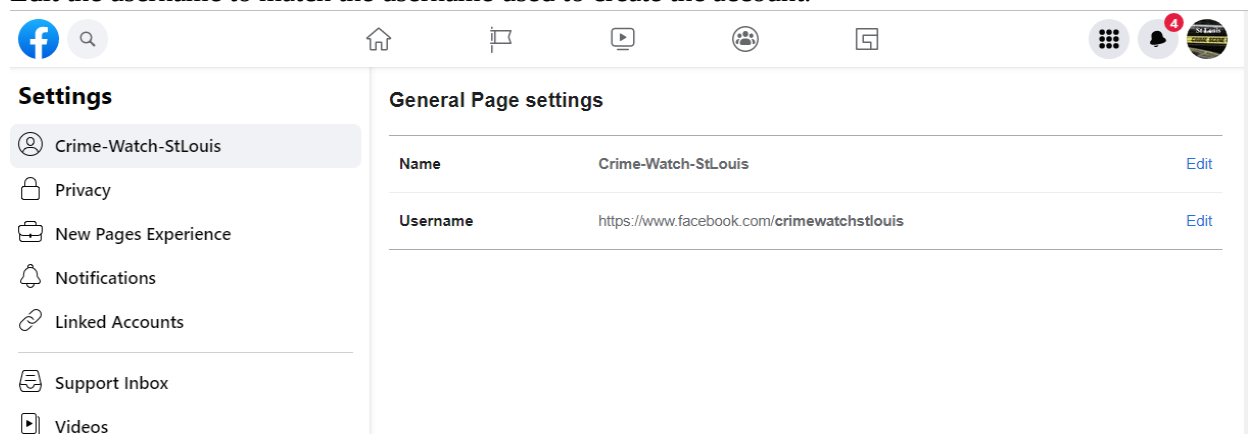
Crime-Watch-America Overview

4.1.3 Create Facebook Page

Create a Facebook page to associate with the US City such as **Crime-Watch-StLouis**



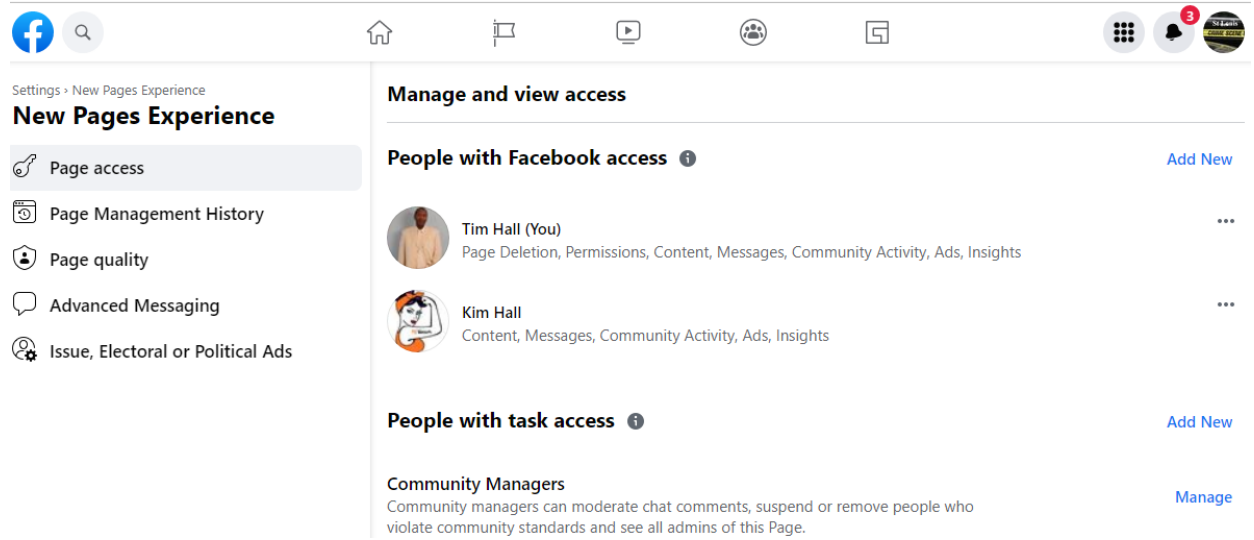
Edit the username to match the username used to create the account.



Crime-Watch-America Overview

4.1.4 Configure Page Access

Modify page access to allow a trusted cohort to help manage the Facebook page.



4.1.5 Configure Business Integrations

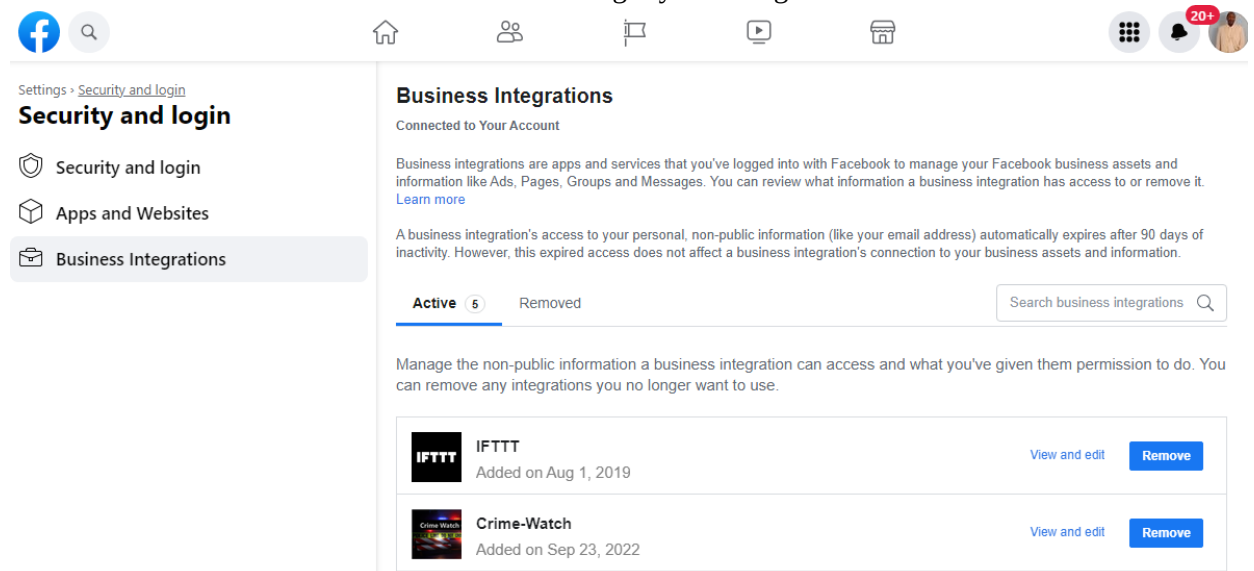
From the master user account profile go to Settings -> Security and login -> Business Integrations and select and then save the newly created page e.g. Crime-Watch-StLouis for the Crime-Watch integration and the IFTTT integration.

Crime-Watch & IFTTT

Create and manage content on your Page

Read content posted on the Page

Show a list of the Pages you manage



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Repeat the steps above to create additional Facebook pages for the following cities:

<u>Facebook Page</u>	<u>Username</u>	<u>email address</u>
Crime-Watch-Atlanta	crimewatchatlanta	crimewatchatlanta@ metrocrimedaily.com
Crime-Watch-Chicago	crimewatchchicago	crimewatchchicago@ metrocrimedaily.com
Crime-Watch-Dallas	crimewatchdallas	crimewatchdallas@ metrocrimedaily.com
Crime-Watch-Detroit	crimewatchdetroit	crimewatchdetroit@ metrocrimedaily.com
Metro Crime Detroit	crimeinthed	crimeinthedt@ yahoo.com
Crime-Watch-Houston	crimewatchhouston	crimewatchhouston@ metrocrimedaily.com
Crime-Watch-LosAngeles	crimewatchlosangeles	crimewatchlosangeles@metrocrimedaily.com
Crime-Watch-Memphis	crimewatchmemphis	crimewatchmemphis@metrocrimedaily.com
Crime-Watch-Miami	crimewatchmiami	crimewatchmiami@metrocrimedaily.com
Crime-Watch-NewYork	crimewatchnewyorkcity	crimewatchnewyorkcity@metrocrimedaily.com
Crime-Watch-NewOrleans	crimewatchneworleans	crimewatchneworleans@metrocrimedaily.com
Crime-Watch-Memphis	crimewatchmemphis	crimewatchmemphis@metrocrimedaily.com

Note: At some point in the process you will need to create a Facebook developer account to develop customizations required to support an integration with IFTTT and Instagram. You must submit a request and be approved to become a Facebook developer. As a result of becoming a Facebook developer you will be provided with an app secret key that will be used to further develop your customizations using the Facebook API's.

Crime-Watch-America Overview

The following shows an example of what the developers page looks like once your request has been approved.

Application: **CrimeWatch** App ID: **477626176399600** App Secret: **xxxsecretyyzzzz**

The screenshot shows the Facebook Developers interface for the 'Crime-Watch' app. The top navigation bar includes 'Meta for Developers', 'Docs', 'Tools', 'Support', and 'My Apps'. The app's name 'Crime-Watch' is selected in the dropdown menu. The App ID is 477626176399600 and the App Mode is set to 'Development'. The left sidebar contains a menu with 'Dashboard', 'Settings' (selected), 'App Roles', 'Alerts', 'App Review', 'Products', 'Facebook Login', 'Webhooks', 'App Events', and 'Instagram Graph API'. The 'Basic' settings section is active, displaying fields for App ID, App secret (masked with dots and a 'Show' button), Display name (Crime-Watch), Namespace, App domains, Contact email (edgar_hall@yahoo.com), Privacy Policy URL (http://metrocrimedaily.com/cw-privacy-p...), Terms of Service URL (Terms of Service for Login dialog and App...), App icon (1024 x 1024, showing a 'Crime Watch' logo with a police line), and Category (News). At the bottom, there are 'Discard' and 'Save changes' buttons.

Field	Value
App ID	477626176399600
App secret	xxxxxx
Display name	Crime-Watch
Namespace	
App domains	
Contact email	edgar_hall@yahoo.com
Privacy Policy URL	http://metrocrimedaily.com/cw-privacy-p...
Terms of Service URL	Terms of Service for Login dialog and App...
App icon (1024 x 1024)	
Category	News

4.2 IFTTT

4.2.1 Create User Accounts

Create IFTTT accounts and applets for the following Facebook pages

<u>Facebook Page</u>	<u>username</u>	<u>email address</u>
Crime-Watch-StLouis	crimewatchstlouis	crimewatchstlouis@stagefrightmvp.com
Crime-Watch-Atlanta	karenj49	karenj@stagefrightmvp.com
Crime-Watch-Chicago	eth5	eth@2b1dallas.com
Crime-Watch-Dallas	edgar_hall	edgar_hall@yahoo.com
Crime-Watch-Detroit	crimewatchdetroit	crimewatchdetroit@stagefrightmvp.com
CrimeInTheD	eth3	eth@stagefrightmvp.com
Crime-Watch-Houston	lilkingdyce	lilkingdyce@stagefrightmvp.com
Crime-Watch-LosAngeles	crimewatchla	crimewatchla@metrocrimedaily.com
Crime-Watch-Memphis	crimewatchmemphis	crimewatchmemphis@metrocrimedaily.com
Crime-Watch-Miami	crimewatchmiami	crimewatchmiami@metrocrimedaily.com
Crime-Watch-NewOrleans	crimewatchnola	crimewatchnola@metrocrimedaily.com
Crime-Watch-NewYork	crimewatchnewyorkcity	crimewatchnewyorkcity@metrocrimedaily.com

4.2.2 Create Webhooks & Applets (Trigger & Action)

<u>If-Maker-Event-Trigger</u>	<u>Then-Create-Link-Post-To-Facebook-Page</u>
post-to-facebook-crimewatchstlouis	Crime-Watch-StLouis
post-to-facebook-crime-watch-atlanta	Crime-Watch-Atlanta
post-to-facebook-crime-watch-chicago	Crime-Watch-Chicago
post-to-facebook-crime-watch-dallas	Crime-Watch-Dallas
post-to-facebook-crimewatchdetroit	Crime-Watch-Detroit
post-to-facebook	CrimeInTheD
post-to-facebook-crime-watch-houston	Crime-Watch-Houston

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post-to-facebook-crimewatchla	Crime-Watch-LosAngeles
post-to-facebook-crimewatchmemphis	Crime-Watch-Memphis
post-to-facebook-crimewatchmiami	Crime-Watch-Miami
post-to-facebook-crimewatchneworleans	Crime-Watch-NewOrleans
post-to-facebook-crimewatchnewyorkcity	Crime-Watch-NewYork

4.2.3 Secret Keys

<u>Facebook Page</u>	<u>Secret Key</u>
Crime-Watch-StLouis	d_C9YX9Zovm1BsFz0R9aELQ1HkKKMNeWlogcnsFqG00
Crime-Watch-Atlanta	dWGxaDMA_NBYaf7KQ91DkW
Crime-Watch-Chicago	c__u0BU92Qqe6hLWwX26-J
Crime-Watch-Dallas	bMAic9sZX5XYabadWQL7oc
Crime-Watch-Detroit	jffj8LdsvjoZMpY0ilg00-q0cLR3k1Fg0RaHA6FWT-F
CrimeInTheD	bPJC30BfjJZMrA4e59W-C3
Crime-Watch-Houston	dAJiwYKGXPHCGrlfSJUYzA
Crime-Watch-LosAngeles	5rl3yczDJIWW9a0gXGyioRPeqBb7lwoUB3NIONZQDq
Crime-Watch-Memphis	kPt2gjYyU4tqGgXhXPuC-XD0hvmXgkfJEsEUPqaVcOK
Crime-Watch-Miami	ePfP1zzrp4puffT5j1hS-dcj44D1FCB-sOYo_ya6nyD
Crime-Watch-NewOrleans	eRD2IRWrn6YxCX26joocEczUSaB2Ax3mXsU-wDW97sB
Crime-Watch-NewYork	k07CPUEHuOqWojANGUP85NSm8jEbyNIAfuvxMkqMEZz

e.g. example execution using curl to post to Facebook pages...

St Louis:

```
curl -X POST https://maker.ifttt.com/trigger/post-to-facebook/with/key/d\_C9YX9Zovm1BsFz0R9aELQ1HkKKMNeWlogcnsFqG00?value1={url}
```

Atlanta:

```
curl -X POST https://maker.ifttt.com/trigger/post-to-facebook/with/key/dWGxaDMA\_NBYaf7KQ91DkW?value1={url}
```

4.2.4 Example IFFT Account Creation

IFTTT [What is IFTTT?](#) [Explore](#) [Plans](#) [Developers](#) [Log in](#)

Sign up

crimewatchmemphis@metrocrim

.....

Get started

Back

Let's start!

Where do you usually set up your automations?
This is important so we can find the best Applets for you.


Android


iOS


Web

Click Web

Confidential

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Rev B



Let's start!

Where do you usually set up your automations?
This is important so we can find the best Applets for you.

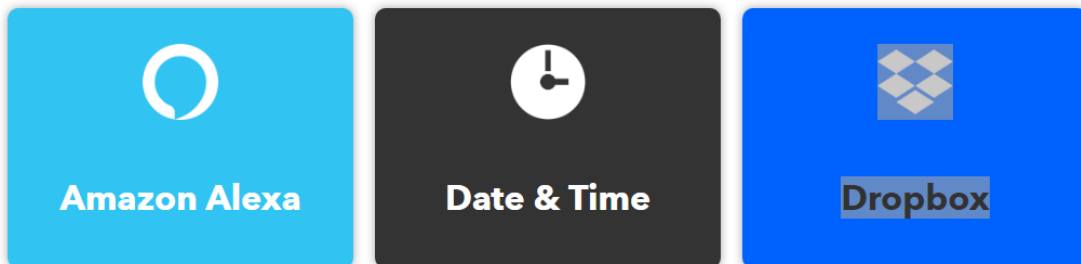


Click Continue

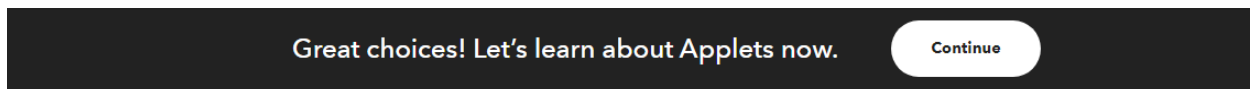


Welcome to IFTTT!

To help you get personalized recommendations, pick at least
one of the following that you use regularly.



Click Date& Time



Click Continue



Start your trial

Subscribe to get full access to popular Applets
and features. Make your favorite things work
better together.

Continue

Not now

Click Not now

Learn how to automate and integrate every thing in your life.

Get started

Click Get started

IFTTT

Welcome to IFTTT

My Applets

Explore

Developers

Upgrade

Create

NEW



Explore

All

Applets

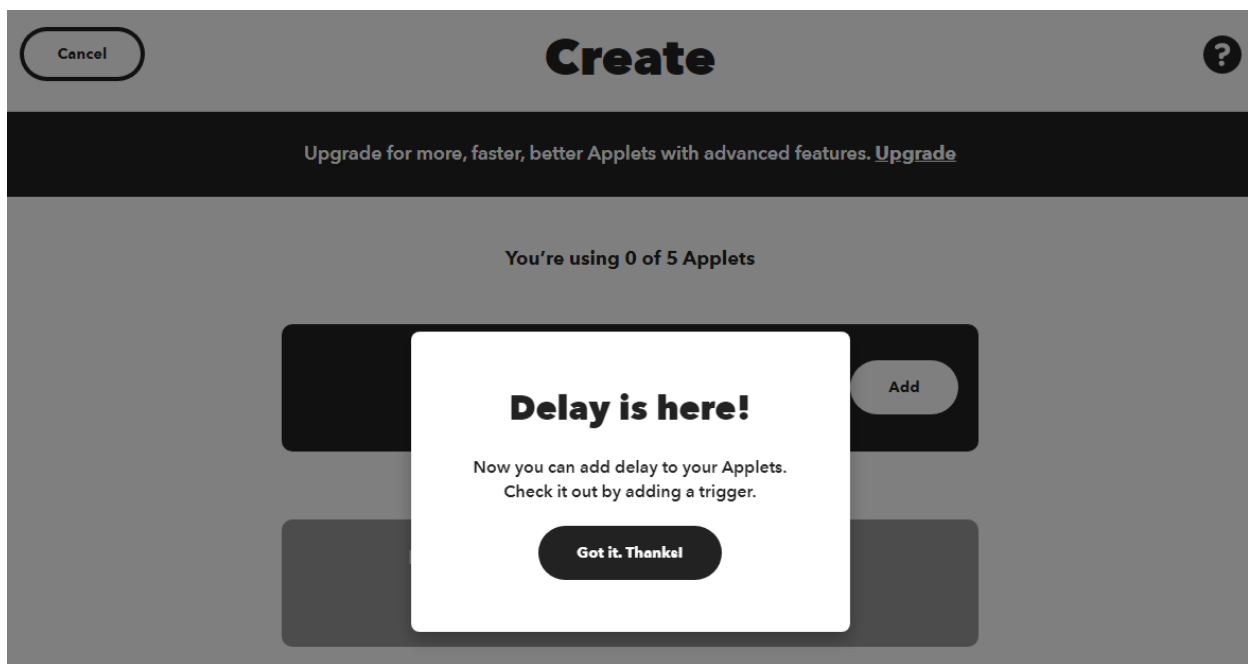
Services

Stories



Search Applets or services

Click Create button



Click Got it. Thanks! button

Cancel

Create



Upgrade for more, faster, better Applets with advanced features. [Upgrade](#)

You're using 0 of 5 Applets



Click Add button

< Back

Choose a service



Q Search services

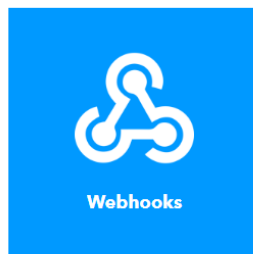
Enter Webhooks in search bar

< Back

Choose a service



Q Webhooks



Click Webhooks



Receive a web request with a JSON payload

This trigger fires every time the Maker service receives a web request to notify it of an event. For information on triggering events, go to your Maker service settings and then the listed URL (web) or tap your username (mobile)

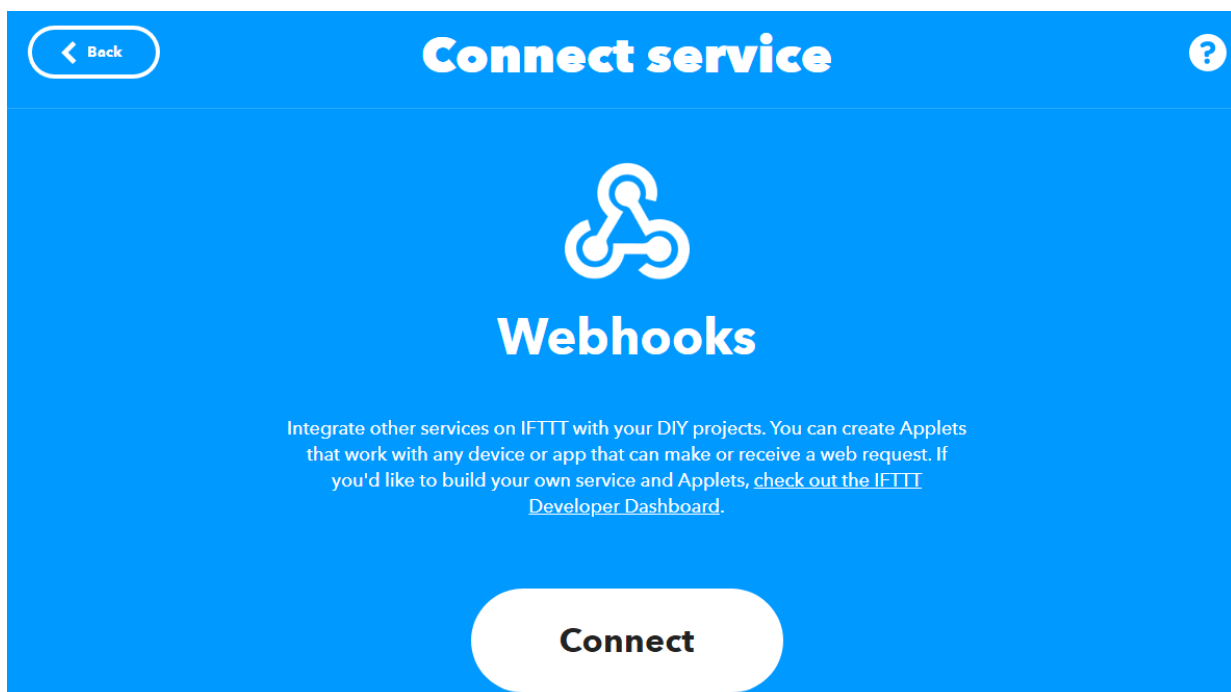
Receive a web request

This trigger fires every time the Maker service receives a web request to notify it of an event. For information on triggering events, go to your Maker service settings and then the listed URL (web) or tap your username (mobile)



Suggest a new trigger

Click "Receive a web request"



Click Connect

Back

Complete trigger fields

?



Receive a web request

This trigger fires every time the Maker service receives a web request to notify it of an event. For information on triggering events, go to your Maker service settings and then the listed URL (web) or tap your username (mobile)

Event Name

The name of the event, like "button_pressed" or "front_door_opened". Use only letters, numbers, and underscores

Create trigger

Enter Event Name e.g. "post-to-facebook-crimewatchmemphis" and click "Create trigger" button

Cancel

Create

?

Upgrade for more, faster, better Applets with advanced features. [Upgrade](#)

You're using 0 of 5 Applets

If

 Receive a web request

Edit Delete

+

NEW

Then That

Add

Click Add button



Choose a service



 Search services

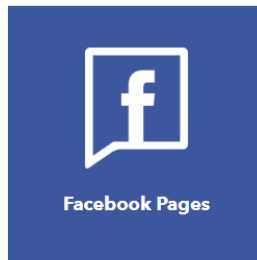
Enter "Facebook pages" in the search bar



Choose a service



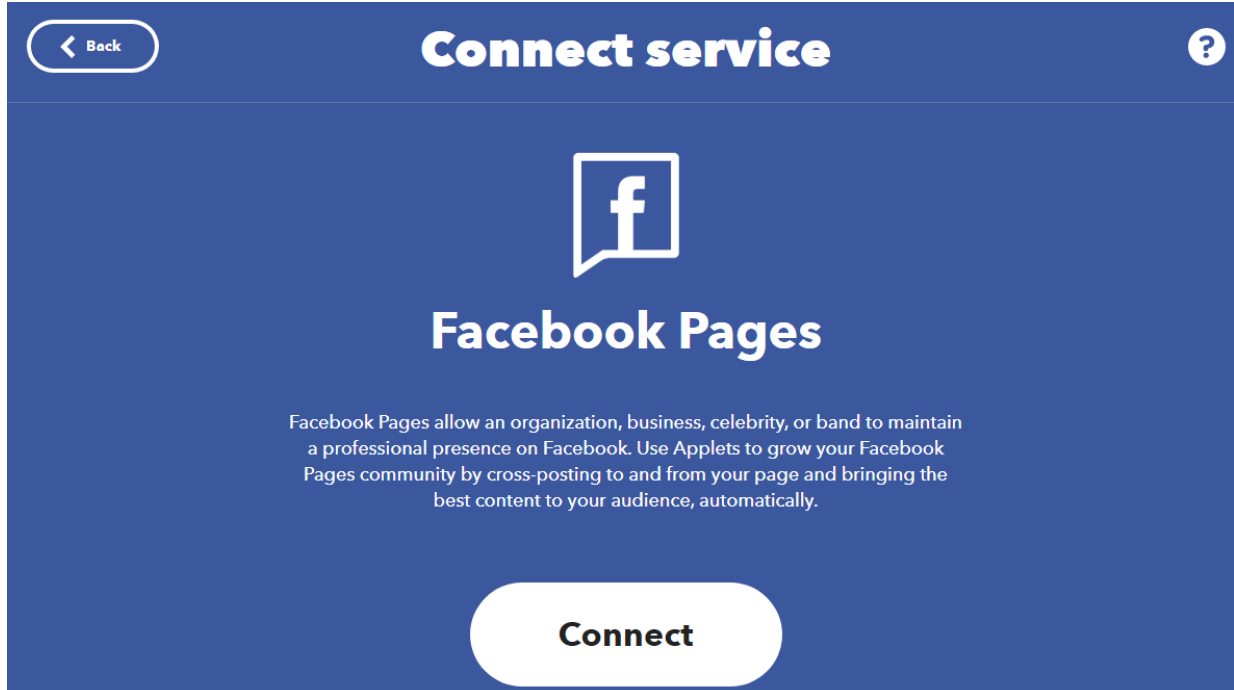
 facebook pages



Click on "Facebook Pages" button

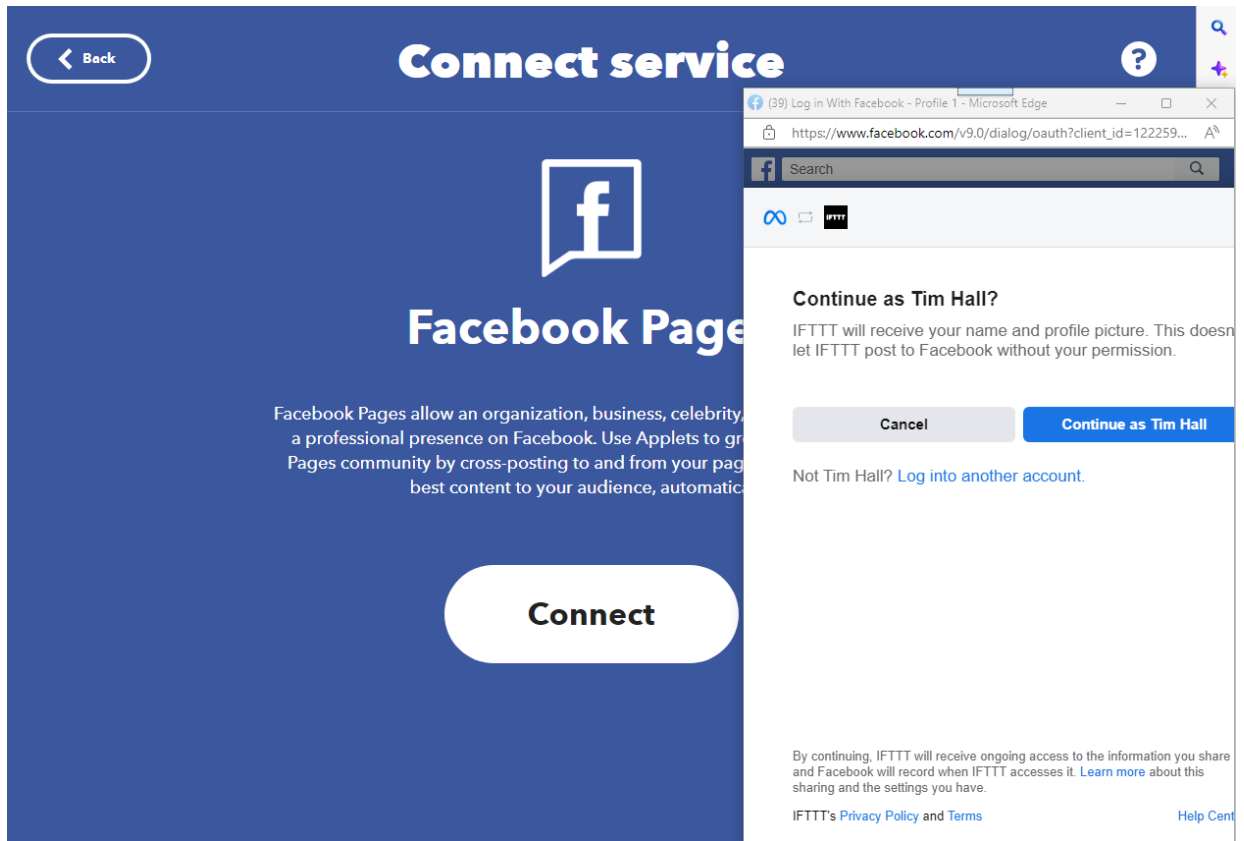


Click on “Create a link post”



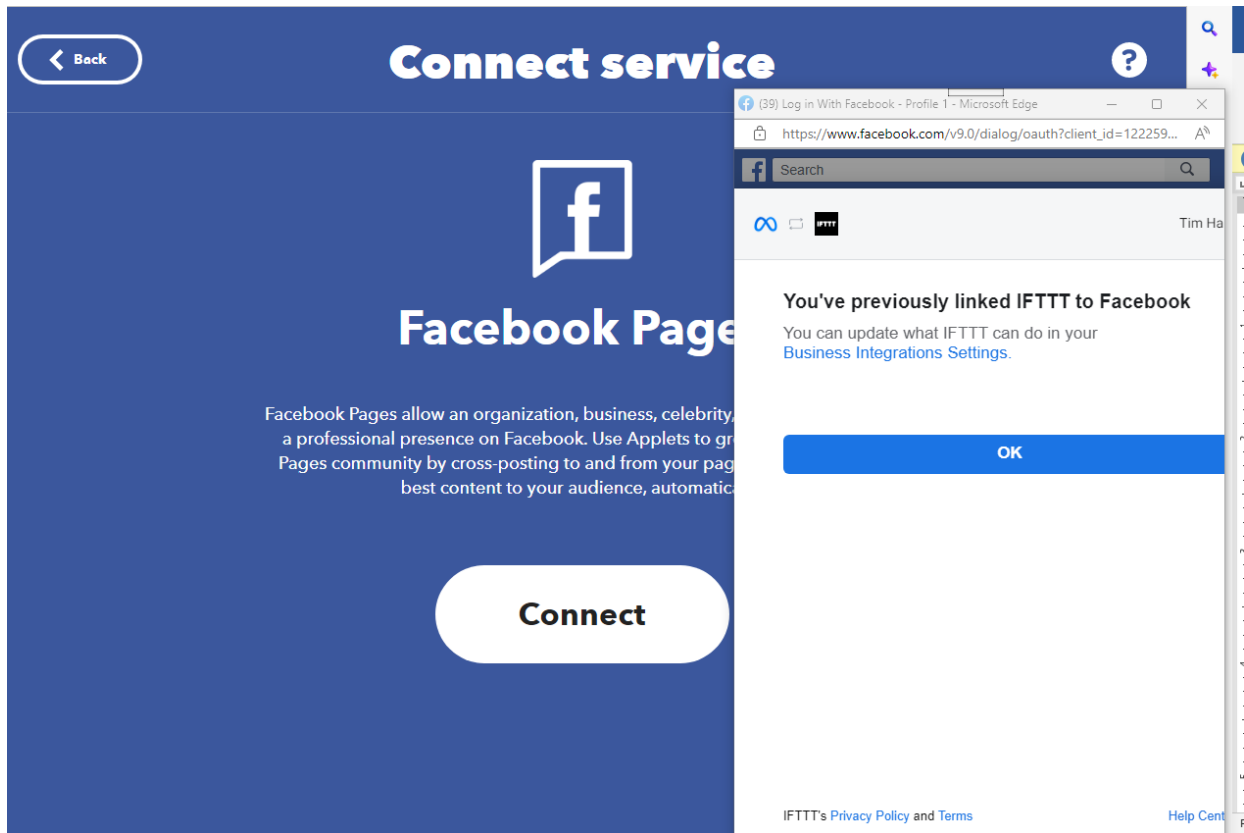
Click Connect button

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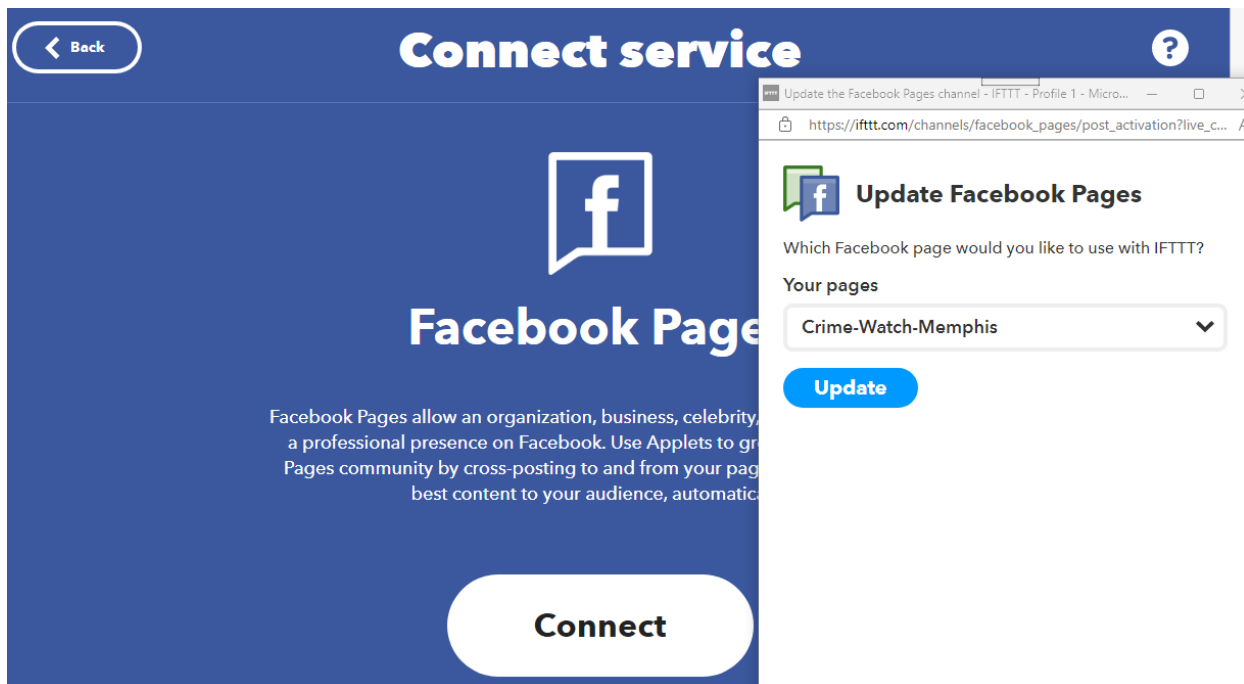


Click “Continue as Tim Hall” for this example

Crime-Watch-America Overview



Click Ok ... or “Business Integrations” if IFTTT has not been linked to Facebook



Select Facebook Page to Update from Drop Down Menu e.g. Crime-Watch-Memphis and Click Update button

[Back](#)

Complete action fields



Create a link post

This Action will create a new link post on your Facebook Page wall.

Facebook Pages account

Crime-Watch-Memphis

Pro Add new account

Link URL

Add ingredient

Message

Add ingredient

Create action

Click Add ingredient button for Link URL

Crime-Watch-America
Overview

Back

Complete action fields

?

f

Create a link post

This Action will create a new link post on your Facebook Page wall.

Facebook Pages account

Crime-Watch-Memphis

▼

Press Add new account

Link URL

Add ingredient

Receive a web request

EventName

Value1

Value2

Value3

OccurredAt

Add ingredient

Create action

Select Value1

[Back](#)

Complete action fields



Create a link post

This Action will create a new link post on your Facebook Page wall.

Facebook Pages account

Crime-Watch-Memphis

Not Add new account

Link URL

Value1

Add ingredient

Message

Add ingredient

Create action

Click “Create action” button

Crime-Watch-America Overview

Cancel

Create

?

Upgrade for more, faster, better Applets with advanced features. [Upgrade](#)

You're using 0 of 5 Applets

If

 Receive a web request

Edit Delete

+

NEW

Then

 Create a link post
Crime-Watch-Memphis

Edit Delete

+

Continue

Click Continue button

< Back

Review and finish

?

Applet Title

If Maker Event "post-to-facebook-crimewatchmemphis", then Create a link post on Crime-Watch-Memphis

by crimewatchmemphis 99/140

Receive notifications when this Applet runs ☐

Finish

Click Finish button or click receive notification when this Applet runs before click on Finish button

Crime-Watch-America Overview

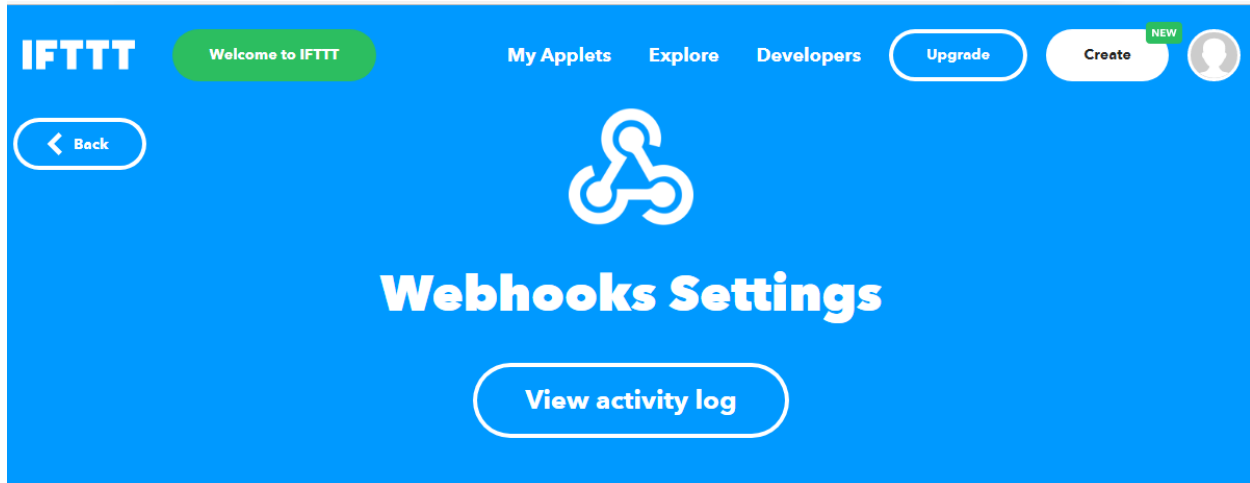
The screenshot shows the IFTTT interface for a specific applet. The header is blue with the IFTTT logo, a 'Welcome to IFTTT' message, and navigation links: 'My Applets', 'Explore', 'Developers', 'Upgrade', 'Create' (with a 'NEW' badge), and a profile icon. A 'Back' button is on the left, and a 'Settings' button is on the right. The main content area has a blue background and displays the applet title: 'If Maker Event "post-to-facebook-crimewatchmemphis", then Create a link post on Crime-Watch-Memphis'. Below the title is an 'Edit title' link, the creator 'by crimewatchmemphis', and a user icon with the number '1'. A 'Connected' status bar is shown, followed by a 'More detail' link. The connection details show 'Connected Nov 21, 2022' and 'Never run'. There is a toggle for 'Notify me when this runs' which is currently off. Below this, there are links to 'Check the log of your Applet runs' (with a 'View activity' button) and 'Realttime Applets usually run within 10 seconds' (with a 'Check now' button). At the bottom, there is an 'Archive' link.

Click Profile icon and select My services and select Webhooks

The screenshot shows the 'Webhooks integrations' page in the IFTTT app. The header is blue with the IFTTT logo, a 'Welcome to IFTTT' message, and navigation links: 'My Applets', 'Explore', 'Developers', 'Upgrade', 'Create' (with a 'NEW' badge), and a profile icon. A 'Back' button is on the left, and a 'Settings' button is on the right. The main content area has a blue background and features a large white IFTTT logo. Below the logo is the heading 'Webhooks integrations'. The text below the heading reads: 'Integrate other services on IFTTT with your DIY projects. You can create Applets that work with any device or app that can make or receive a web request. If you'd like to build your own service and Applets, check out the IFTTT Developer Dashboard.' At the bottom, there are two buttons: 'Create' and 'Documentation'.

Select Settings button

Crime-Watch-America Overview



Details

crimewatchmemphis

Status
Active

URL
<https://maker.ifttt.com/use/kPt2gjYyU4tqGgXhXPuC-XD0hvmXgkfJEsEUPqaVcOK>

[Remove service](#) [Regenerate key](#)

Copy and save the URL which contains your secret key for e.g. Crime-Watch-Memphis Facebook page

4.3 Twitter

4.3.1 Create Twitter Page

Create a Twitter page to associate with the US City such as **Crime-Watch-StLouis**



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Repeat the steps used above to create Instagram account for the following cities:

<u>Twitter Name</u>	<u>Username</u>	<u>email address</u>
CrimeWatchAtlanta	crimewatchatla1	crimewatchatlanta@ metrocrimedaily.com
CrimeWatchChicago	crimewatchchic1	crimewatchchicago@ metrocrimedaily.com
Crime Watch Dallas	crimewatchdall1	crimewatchdallas@ metrocrimedaily.com
CrimeWatchDetroit	crimewatchdetr	crimewatchdetroit@ metrocrimedaily.com
Metro Detroit Crime	crimeinthed	crimeinthed@ yahoo.com
CrimeWatchHouston	crimewatchmonr1	crimewatchhouston@ metrocrimedaily.com
Crime-Watch-LosAngeles	crimewatchla	crimewatchlosangeles@metrocrimedaily.com
CrimeWatchMemphis	crimewatchmem	crimewatchmemphis@metrocrimedaily.com
Crime Watch Miami	crimewatchmia	crimewatchmiami@metrocrimedaily.com
Crime-Watch-NewYork	crimewatchnewy1	crimewatchnewyorkcity@metrocrimedaily.com
Crime-Watch-NewOrleans	crimewatchnola	crimewatchneworleans@metrocrimedaily.com
CrimeWatch-StLouis	crimewatchstl	crimewatchstlouis@ metrocrimedaily.com





crimewatchatlanta
24K Tweets



Edit profile

crimewatchatlanta
@crimewatchatla1

Up to date Crime News stories for the Atlanta metro area. Submit anonymous tips:
TIPLINE ONLY 1-404-577-TIPS (8477) The primary focus is to provide awareness to

 Joined May 2021

Crime-Watch-America
Overview



**crimewatchchicago**
21.7K Tweets





Follow

crimewatchchicago
@crimewatchchic1

Up to date Crime News stories for the Chicago Metro area. Submit anonymous tips: Chicago Crime Commission 1-888-393-6646

 Joined April 2020

25 Following 84 Followers

**crimewatchdallas**
22.9K Tweets





Follow

crimewatchdallas
@crimewatchdall1

Up to date Crime News stories for the Dallas Texas Metro area and surrounding cities. Submit anonymous tips: [#Crimestoppers](#) (TIPLINE ONLY 1-877-373-TIPS (8477))

 Joined December 2019

53 Following 43 Followers



← **crimewatchdetroit**
435 Tweets



Follow

crimewatchdetroit
@crimewatchdetr

Providing awareness to the community about crime and missing persons/pets.

🏠 Community ⓘ 📅 Joined November 2022

1 Following 0 Followers

← **Metro Detroit Crime**
106.4K Tweets



Follow

Metro Detroit Crime
@CrimeInTheD Follows you

Metro Detroit Crime News: Up to date news: [#CrimeInTheD](#) and surrounding cities! Submit anonymous tips: [#Crimestoppers](#) (TIPLINE ONLY) 1-800-SPEAK-UP (773-2587)

🏠 Media & News ⓘ 📍 Detroit 🔗 linktr.ee/CrimeInTheD 📅 Joined July 2011

31.6K Following 179.5K Followers



crimewatchhouston

9,743 Tweets



Follow

crimewatchhouston

@crimewatchmonr1

Up to date Crime News stories for the Houston TX area and surrounding cities.
Submit anonymous tips: [#Crimestoppers](#) (TIPLINE ONLY 733-222-TIPS)

📍 TEXAS, USA 🔗 mypiggybank.com/notifications 📅 Joined February 2021

0 Following 1 Follower



crimewatchlosangeles

0 Tweets



Edit profile

crimewatchlosangeles

@crimewatchla

📅 Joined November 2022

1 Following 0 Followers

Crime-Watch-America
Overview





**crimewatchmemphis**
0 Tweets



Edit profile

crimewatchmemphis
@crimewatchmem
Joined November 2022
1 Following 0 Followers



**crimewatchmiami**
0 Tweets



Edit profile

crimewatchmiami
@crimewatchmia
Joined November 2022
1 Following 0 Followers

Crime-Watch-America
Overview





crimewatchnewyorkcity
0 Tweets



Edit profile

crimewatchnewyorkcity
@crimewatchnewy1
Joined November 2022
0 Following 0 Followers





crimewatchneworleans
0 Tweets



Edit profile

crimewatchneworleans
@crimewatchnola
Joined November 2022
1 Following 0 Followers

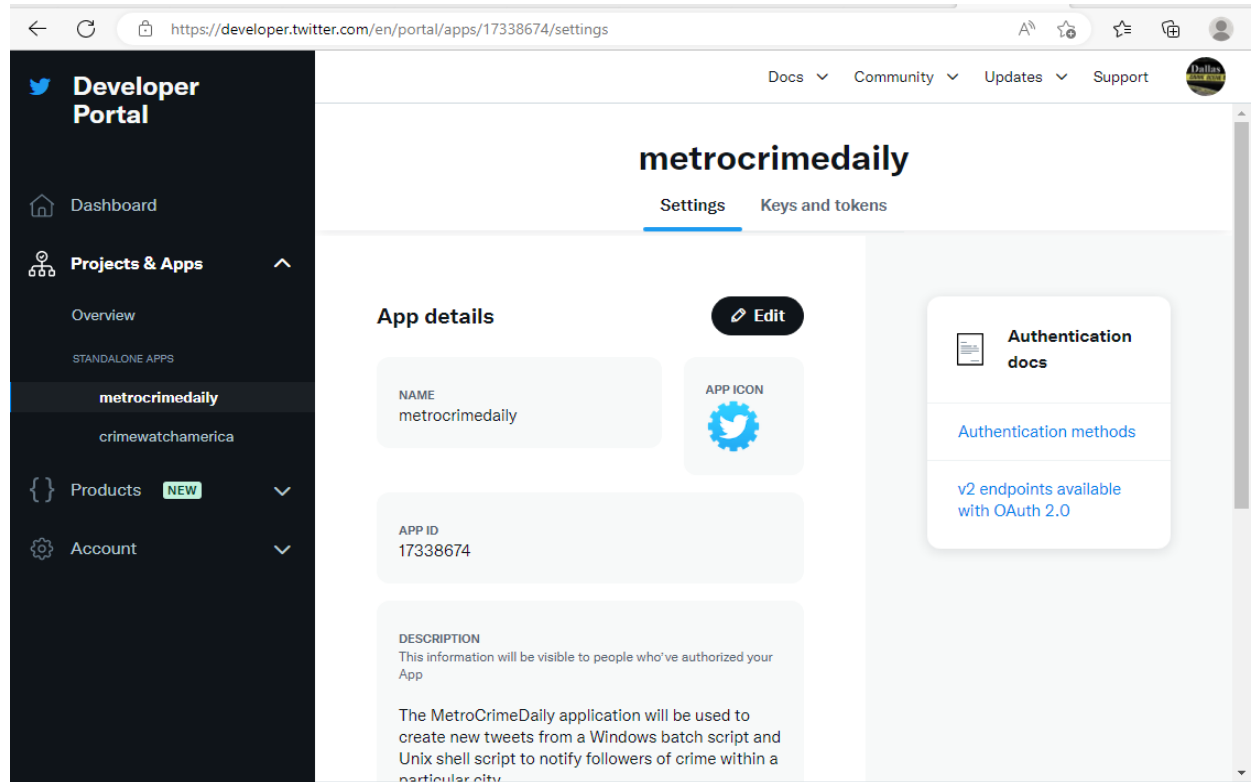
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4.3.2 Create Developer Account

The first thing you'll need is a working Ruby interpreter installed. The other thing you will need to do is to register for a Twitter Developer Account, and then create a Twitter app in your dashboard to get going. Once you've done that, you will need to get your Consumer API Key and API Secret from the Details->Keys and tokens tab for the app.

<https://developer.twitter.com>

login: crimewatchdall1 | oitiantk1



consumer-key 8Yk9OUm4KFELRgYhCCNTaFm2L

consumer-secret xiYYD0uh8Cb1FvpXzb9ePgqx6u0IbUWmF3jFFlkeI2Z1SL12GB

Crime-Watch-America Overview

The screenshot shows the Twitter Developer Portal interface. At the top, there's a navigation bar with links like 'Developer', 'Use cases', 'Products', 'Docs', 'More', 'Labs', 'Dashboard', and 'crimewatchamerica'. Below this, the 'Apps' section is active, showing 'metrocrimedaily'. The 'Keys and tokens' tab is selected, displaying an 'Important notice about your access token and access token secret'. The main content area is titled 'Keys and tokens' and includes a 'Regenerate' button for 'Consumer API keys'. Below this, the 'API key' is '8Yk9OUm4KFELRgYhCCNTaFm2L' and the 'API secret key' is 'xiYYD0uh8CblFvpXzB9ePgqx6u0IbUWmF3jFFlkeI2Z1SLl2GB'. The 'Access token & access token secret' section has 'Revoke' and 'Regenerate' buttons. It shows an 'Access token' (a long string of 'x's), an 'Access token secret' (another long string of 'x's'), and an 'Access level' of 'Read and write'. A note states: 'We only show your access token and secret when you first generate it in order to make your account more secure. You can revoke or regenerate them at any time, which will invalidate your existing tokens.' The 'Last generated' date is 'Jan 25, 2020'.

4.3.3 Configure Twurl

LOGIN to the new twitter account e.g. for CrimeWatchStLouis

<https://twitter.com>

e.g. crimewatchstl/Oi....k1!

Open a command prompt window and enter the twurl command below:

```
twurl authorize --consumer-key 8Yk9OUm4KFELRgYhCCNTaFm2L --consumer-secret  
xiYYD0uh8CblFvpXzB9ePgqx6u0IbUWmF3jFFlkeI2Z1SLl2GB
```

The screenshot shows a command prompt window with the following text:
C:\junk>twurl authorize --consumer-key 8Yk9OUm4KFELRgYhCCNTaFm2L --consumer-secret xiYYD0uh8CblFvpXzB9ePgqx6u0IbUWmF3jFFlkeI2Z1SLl2GB
Go to https://api.twitter.com/oauth/authorize?oauth_consumer_key=8Yk9OUm4KFELRgYhCCNTaFm2L&oauth_nonce=ONLpnPESw4vP4ynhMz6tZkzaUUtM7MFjeiyGvN66qC4&oauth_signature=iTxV0iL%252FryvCLNWtmMDBMvCAio%253D&oauth_signature_method=HMAC-SHA1&oauth_timestamp=1669057223&oauth_token=we4ZyAAAAAABCJEyAABhJuQGcc&oauth_version=1.0 and paste in the supplied PIN

Copy and paste <https://api.twitter.com/oauth/authorize ...> URL to a web browser window ... DO NOT INCLUDE THE " and paste in the supplied PIN"

Crime-Watch-America Overview

https://api.twitter.com/oauth/authorize?oauth_consumer_key=8Yk9OUm4KFELRgYhCCNTaFm2L&oauth_nonce=ONLpnP...



crimewatchstl

You're about to authorize your first app! Sweet! [Learn more about apps](#) →

Authorize metrocrimedaily to access your account?

Authorize app

Cancel



metrocrimedaily

metrocrimedaily.com

The MetroCrimeDaily application will be used to create new tweets from a Windows batch script and Unix shell script to notify followers of crime within a particular city.

[Privacy Policy](#)

[Terms and Conditions](#)

This application will be able to:

- See Tweets from your timeline (including protected Tweets) as well as your Lists and collections.
- See your Twitter profile information and account settings.
- See accounts you follow, mute, and block.
- Follow and unfollow accounts for you.
- Update your profile and account settings.
- Post and delete Tweets for you, and engage with Tweets posted by others (Like, un-Like, or reply to a Tweet, Retweet, etc.) for you.
- Create, manage, and delete Lists and collections for you.
- Mute, block, and report accounts for you.

Learn more about third-party app permissions in the [Help Center](#).

Click "Authorize app" button

Crime-Watch-America Overview



crimewatchatl

You've granted access to metrocrimedaily!

Next, return to metrocrimedaily and enter this PIN to complete the authorization process:

8037625

[Go to Twitter](#)

[Go to the metrocrimedaily homepage](#)

We recommend reviewing the app's terms and privacy policy to understand how it will use data from your Twitter account. You can revoke access to any app at any time from the [Apps and sessions](#) section of your Twitter account settings.

By authorizing an app you continue to operate under Twitter's [Terms of Service](#). In particular, some usage information will be shared back with Twitter. For more, see our [Privacy Policy](#).

Copy PIN number from web browser window

```
C:\junk>twurl authorize --consumer-key 8Yk90Um4KFELRgYhCCNTaFm2L --consumer-secret xiYYD0uh8CblFvpXzB9ePgqx6u0IbUwmF3jFF
lkeI2Z1SL12GB
Go to https://api.twitter.com/oauth/authorize?oauth_consumer_key=8Yk90Um4KFELRgYhCCNTaFm2L&oauth_nonce=ONLpnPESw4vP4ynhN
Z6tZkzaUutm7MFjeiyGvN66qC4&oauth_signature=iTxV0iL%252FryvvCLNWTmMDBMvCAio%253D&oauth_signature_method=HMAC-SHA1&oauth_t
imestamp=1669057223&oauth_token=we4ZyAAAAABCJEyAAABhJuQGcc&oauth_version=1.0 and paste in the supplied PIN
8037625
```

paste PIN number in the command prompt window and press Enter

```
C:\junk>twurl authorize --consumer-key 8Yk90Um4KFELRgYhCCNTaFm2L --consumer-secret xiYYD0uh8CblFvpXzB9ePgqx6u0IbUwmF3jFF
lkeI2Z1SL12GB
Go to https://api.twitter.com/oauth/authorize?oauth_consumer_key=8Yk90Um4KFELRgYhCCNTaFm2L&oauth_nonce=ONLpnPESw4vP4ynhN
Z6tZkzaUutm7MFjeiyGvN66qC4&oauth_signature=iTxV0iL%252FryvvCLNWTmMDBMvCAio%253D&oauth_signature_method=HMAC-SHA1&oauth_t
imestamp=1669057223&oauth_token=we4ZyAAAAABCJEyAAABhJuQGcc&oauth_version=1.0 and paste in the supplied PIN
8037625
Authorization successful
```

Confirm authorization was successful

Repeat the above steps for any additional cities:

CrimeWatchAtlanta	crimewatchatl1	crimewatchatlanta@ metrocrimedaily.com
CrimeWatchChicago	crimewatchchic1	crimewatchchicago@ metrocrimedaily.com

Crime-Watch-America Overview

Crime Watch Dallas	crimewatchdall1	crimewatchdallas@ metrocrimedaily.com
CrimeWatchDetroit	crimewatchdetr	crimewatchdetroit@ metrocrimedaily.com
Metro Detroit Crime	crimeinthed	crimeinthed@ yahoo.com
CrimeWatchHouston	crimewatchmonr1	crimewatchhouston@ metrocrimedaily.com
Crime-Watch-LosAngeles	crimewatchla	crimewatchlosangeles@metrocrimedaily.com
CrimeWatchMemphis	crimewatchmem	crimewatchmemphis@metrocrimedaily.com
Crime Watch Miami	crimewatchmia	crimewatchmiami@metrocrimedaily.com
Crime-Watch-NewYork	crimewatchnewy1	crimewatchnewyorkcity@metrocrimedaily.com
Crime-Watch-NewOrleans	crimewatchnola	crimewatchneworleans@metrocrimedaily.com
CrimeWatch-StLouis	crimewatchstl	crimewatchstlouis@ metrocrimedaily.com

4.3.4 cmdConfigure Custom Command - twurl-to-twitter

Configure twurl-to-twitter command to be used inside batch script to post tweets to a specific page.

- set twurl-to-twitter-cmd=twurl -u crimewatchatla1 -X POST /1.1/statuses/update.json -d 'status=
- set twurl-to-twitter-cmd=twurl -u crimewatchchic1 -X POST /1.1/statuses/update.json -d 'status=
- set twurl-to-twitter-cmd=twurl -u crimewatchdall1 -X POST /1.1/statuses/update.json -d 'status=
- set twurl-to-twitter-cmd2=twurl -u crimewatchdetr -X POST /1.1/statuses/update.json -d 'status=
- set twurl-to-twitter-cmd=twurl -u crimeinthed -X POST /1.1/statuses/update.json -d 'status=
- set twurl-to-twitter-cmd=twurl -u crimewatchmonr1 -X POST /1.1/statuses/update.json -d 'status=
- set twurl-to-twitter-cmd=twurl -u crimewatchla -X POST /1.1/statuses/update.json -d 'status=
- set twurl-to-twitter-cmd=twurl -u crimewatchmem -X POST /1.1/statuses/update.json -d 'status=
- set twurl-to-twitter-cmd=twurl -u crimewatchmia -X POST /1.1/statuses/update.json -d 'status=
- set twurl-to-twitter-cmd=twurl -u crimewatchnewy1 -X POST /1.1/statuses/update.json -d 'status=
- set twurl-to-twitter-cmd=twurl -u crimewatchnola -X POST /1.1/statuses/update.json -d 'status=
- set twurl-to-twitter-cmd=twurl -u crimewatchstl -X POST /1.1/statuses/update.json -d 'status=

4.4 Instagram

4.4.1 Create Instagram Page

Create an Instagram account to associate with the US City such as **Crime-Watch-StLouis**



Repeat steps used to create the Instagram account for the following cities:

<u>Instagram Name</u>	<u>Username</u>	<u>email address</u>
CrimeWatchAtlanta	crimewatchatlanta	crimewatchatlanta@ metrocrimedaily.com
CrimeWatchChicago	crimewatchchicago	crimewatchchicago@ metrocrimedaily.com
Crime Watch Dallas	crimewatchdallas	crimewatchdallas@ metrocrimedaily.com
CrimeWatchDetroit	crimewatchdetroit	crimewatchdetroit@ metrocrimedaily.com
Metro Detroit Crime	crimeinthed	crimeinthed@ yahoo.com
CrimeWatchHouston	crimewatchhouston	crimewatchhouston@ metrocrimedaily.com
Crime-Watch-LosAngeles	crimewatchla	crimewatchlosangeles@metrocrimedaily.com
CrimeWatchMemphis	crimewatchmemphis	crimewatchmemphis@metrocrimedaily.com
Crime Watch Miami	crimewatchmiami	crimewatchmiami@metrocrimedaily.com
Crime-Watch-NewYork	crimewatchnewyork	crimewatchnewyorkcity@metrocrimedaily.com
Crime-Watch-NewOrleans	crimewatchnola	crimewatchneworleans@metrocrimedaily.com
CrimeWatch-StLouis	crimewatchstlouis	crimewatchstlouis@ metrocrimedaily.com

Crime-Watch-America Overview

Instagram

Home

Search



crimewatchatlanta

Follow

Message

+P

...

872 posts 6,264 followers 6,548 following

CrimeWatchAtlanta

Providing awareness to the community about crime, unsolved homicides and missing persons/pets.

www.facebook.com/Crime-Watch-Atlanta-103524615269981

Instagram

Home

Search

Explore



crimewatchchicago

Follow

Message

+P

...

684 posts 1,761 followers 807 following

CrimeWatchChicago

Community Service

Providing awareness to the community about crime, unsolved homicides and missing persons/pets. #CrimeWatchChicago

www.facebook.com/crimewatchchicago

Instagram

Home

Search

Explore



crimewatchdallas

Follow

Message

...

709 posts 740 followers 1,328 following

Crime Watch Dallas

Community Service

Providing awareness to the community about crime, unsolved homicides and missing persons/pets.

www.facebook.com/crimewatchdallas

Instagram

Home

Search

Explore



crimewatchdetroit

Follow

Message

+P

...

872 posts 767 followers 6 following

CrimeWatchDetroit

News & media website

Providing up to date Metro Detroit crime news and surrounding cities.

#CommunityAwareness #UnsolvedHomicides #MissingPersons #MissingPets

linktree.com/CrimeInTheD

Instagram

Home

Search

Explore



crimenewsinthed

Follow

Message

+P

...

12,077 posts 69.5K followers 7,493 following

CrimelnTheD

News & media website

Creator/Owner of #CrimelnTheD Est. 2011 @CrimeNewsInTheD

@CrimeNewsInTheD_Detroit @CrimeWatchDetroit Metro Detroit Crime News

linktr.ee/crimeinthed

Crime-Watch-America Overview

Instagram

Home

Search



crimewatchhouston

Follow Message + ...

715 posts 516 followers 479 following

CrimeWatchHouston
Providing awareness to the community about crime, unsolved homicides and missing persons/pets.
www.facebook.com/crimewatchhouston





crimewatchla

Edit profile

0 posts 0 followers 0 following

Crime Watch Los Angeles

Instagram

Home

Search



crimewatchmemphis

Edit profile

0 posts 0 followers 0 following

CrimeWatchMemphis

Instagram

Home

Search



crimewatchmiami

Follow Message + ...

0 posts 0 followers 0 following

Crime Watch Miami
Community Service

Instagram

Home

Search



crimewatchnola

Follow Message + ...

0 posts 0 followers 0 following

Crime Watch New Orleans
Community Service





crimewatchnewyork

Edit profile

0 posts 0 followers 0 following

Crime Watch New York City

POSTS

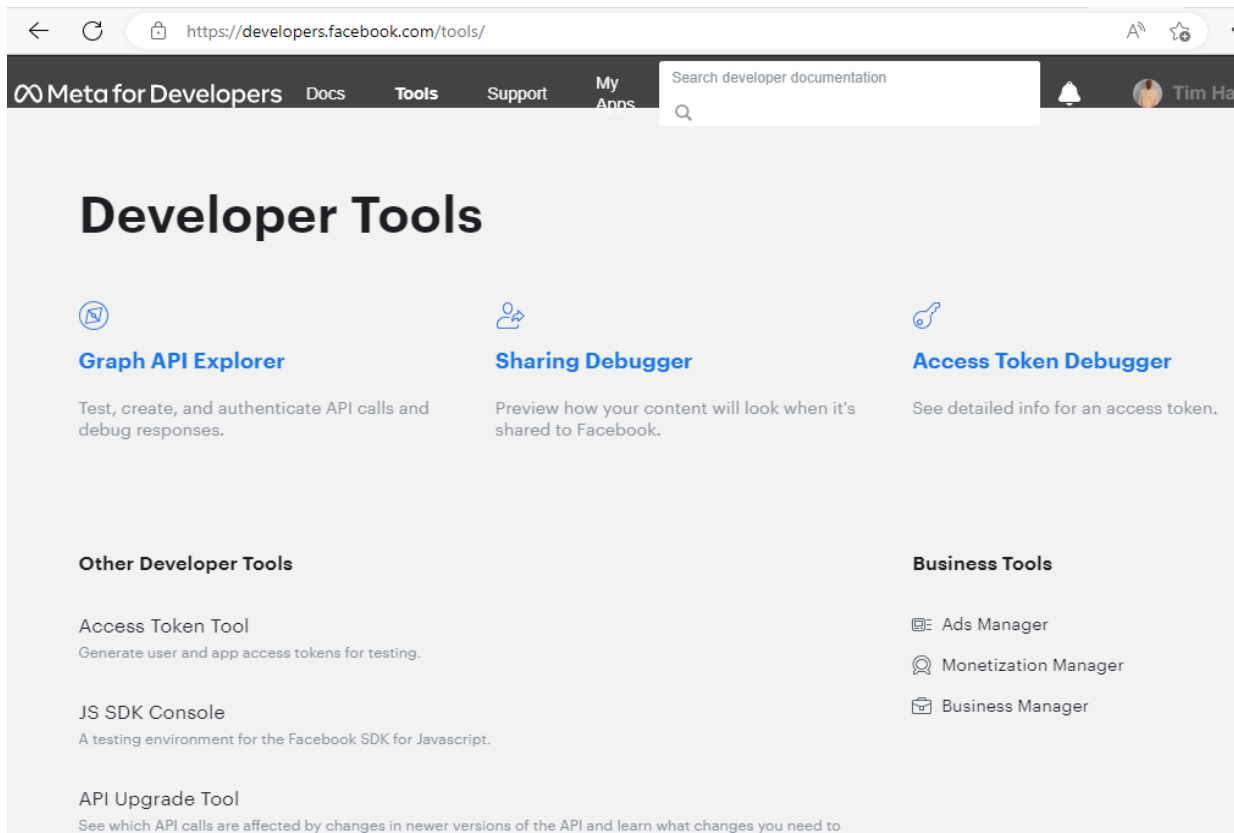
SAVED

TAGGED

4.4.2 Configure Instagram-graph

To get started go to the developers page:

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



Click Access Token Tool

Crime-Watch-America Overview

The screenshot shows the 'Access Token Tool' page in the Facebook Developer Tools. The page title is 'Access Token Tool'. Below the title, there is a paragraph explaining that user tokens are provided for convenience to test apps, they expire like other user access tokens, and should not be hard-coded. It also mentions that app tokens do not expire and should be kept secret. The page lists two tokens for the 'Crime-Watch' app:

Crime-Watch	
User Token	EAAgYzAgKUaPABAAFPUmGf8f0YBAc5G0E4ZAG5uKzt3wLb9gb64wix0pAxx5BBT3MWz5Yg6TUjd9ghKrwebzAPC3yEefWPaZApdUjDgjhSkz0W8lITsfCN9ZCf6cRwx50IdZCMD0STqnNAnpTTmM0LwqkQMZBMZAsXZakUP14yE2ZAEP4TZBhxhVesJjPKLZC41LfczD
App Token	477626176399600 101qsCFmBQgt9oEUQEzQlaMScxE

Each token has a 'Debug' button next to it.

Note: The [user tokens](#) listed here are provided for convenience to test your apps. They [expire](#) like any other user access token and should not be hard coded into your apps. [App tokens](#) do not expire and should be kept secret as they are related to your app secret. For more information on how access tokens work and should be used, see the [documentation](#). If you want to debug an access token issue, try using the [access token debugger](#).

Click on Tools -> Graph API Explorer

The screenshot shows the 'Graph API Explorer' page in the Facebook Developer Tools. The page title is 'Graph API Explorer'. The URL bar shows 'https://developers.facebook.com/tools/explorer/'. The page has a search bar and a 'Submit' button. The main area is divided into two sections: 'Access Token' and 'Meta App'. The 'Access Token' section shows a token 'EAAgYzAgKUaPABADIVEgCZCMKFZAOZA' and a 'Generate Access Token' button. The 'Meta App' section shows 'Crime-Watch' selected. Below that, there is a 'User or Page' dropdown set to 'User Token'. The 'Permissions' section lists several permissions: 'instagram_basic', 'instagram_manage_comments', 'instagram_manage_insights', 'instagram_content_publish', 'pages_read_engagement', 'pages_manage_posts', and 'public_profile'. At the bottom, there is a 'Copy Debug Information' button, a 'Get Code' button, and a 'Save Session' button.

Click Tools -> Access Token Debugger

Crime-Watch-America

Overview

https://developers.facebook.com/tools/debug/accesstoken/?access_token=EAAGyZAgKUaPABABohUG7maqQVFZACwMTZBgCOLyL...

Meta

Developer ProductsDeveloper ProgramsDocsMoreMy Apps

Access Token Debugger

Sharing DebuggerBatch InvalidatorAccess TokenAPI version: [?]v15.0

EAAGyZAgKUaPABABohUG7maqQVFZACwMTZBgCOLyLzuDs62BEQmTBJTc55i4bxzY0rF9jaObgLYS36JET7i4o7NaZCCwniqvXZC3rcsFIWm0DFJl1aSuc9XKJdQZBr...

Debug

Access Token Info

App ID	477626176399600 : Crime-Watch
Type	User
App-Scoped User ID	10218873415379958 : Tim Hall User last installed this app via API N/A
Issued	1664126715 (about 2 months ago)
Expires	Never
Data Access Expires	1675390518 (in about 2 months)
Valid	True
Origin	Desktop
Scopes	pages_show_list, instagram_basic, instagram_manage_comments, instagram_manage_insights, instagram_content_publish, pages_read_engagement, pages_manage_posts, public_profile
Granular Scopes	
pages_show_list	113343661590120 : Crime-Watch-StLouis, 171614886261218 : CrimeInTheD, 114163234831774 : Crime-Watch-USA, 101864519033451 : Crime-Watch-Detroit, 100818736157188 : Metrocrimedaily Show all (9)
instagram_basic	Applies to all objects
instagram_manage_co mments	Applies to all objects
instagram_manage_insi ghts	Applies to all objects
instagram_content_publ ish	Applies to all objects
pages_read_engageme nt	113343661590120 : Crime-Watch-StLouis, 171614886261218 : CrimeInTheD, 114163234831774 : Crime-Watch-USA, 101864519033451 : Crime-Watch-Detroit, 100818736157188 : Metrocrimedaily Show all (9)
pages_manage_posts	113343661590120 : Crime-Watch-StLouis, 171614886261218 : CrimeInTheD, 114163234831774 : Crime-Watch-USA, 101864519033451 : Crime-Watch-Detroit, 100818736157188 : Metrocrimedaily Show all (9)

INSERT STEPS FOR ADDING PERMISSIONS TO PAGES USING INSTAGRAM GRAPH TOOLS

4.4.3 Facebook & Instagram Business ID's

login to <https://business.facebook.com> and capture ID's for Facebook and Instagram

<u>Facebook Page</u>	<u>Facebook Page ID</u>	<u>Instagram Business ID</u>
CrimeWatchAtlanta	103524615269981	17841447985520404
CrimeWatchChicago	111747460486566	17841433316570474
CrimeWatchDallas	106077074233723	17841426276423966

Confidential

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Rev B

Crime-Watch-America Overview

CrimeWatchDetroit	171614886261218	17841453173754502
CrimeInTheD	101864519033451	17841448935451364
CrimeWatchHouston	347260609845549	17841455717131314
Crime-Watch-LosAngeles	100373682914409	17841456727879968
Crime-Watch-Memphis	103890305889072	17841456305614547
Crime-Watch-Miami	103579202587076	17841456803326911
Crime-Watch-NewOrleans	111002445165656	17841456550466843
Crime-Watch-NewYork	101160356167624	17841456556167564
Crime-Watch-StLouis	113343661590120	17841456924191011
CrimeWatchUSA	114163234831774	17841456740681690
MetroCrimeDaily	100818736157188	17841455644650339
CrimeWatchMonroe	347260609845549	17841455255976741
Stagefrightmvp	347260609845549	17841401875127956

Access Token (long life 60 days): as of 10-10-2022 expires 12-09-2022

EAAGyZAgKUaPABAOsjLPrNHQBqWp0FYdwucx836Dx86HKjpKD6ARlZAEQc9b2aNnFZAkryjHwNgiAkkzlSnRYMWEIcvVBH35p0uZBU93oWzOtTDZCP3eJRwvruNyJbSbL4EyXlLwFkCTaOZCZABQuN0dQ9NGqlufnWbeUJYabCTwxAvWQmMw0y1t5MLZAYWo8Jy8ZD

The above Access Token and Instagram business ID's will be used to publish to Instagram.

- media API is used to create a creation_id

Get a creation_id using the Access Token and Dallas Instagram Business ID

```
curl -i -X POST
"https://graph.facebook.com/v15.0/17841426276423966/media?image_url=http://www.metrocrimedaily.com/instagram-dallas/IG-Image1.jpg&access_token=EAAGyZAgKUaPABABohUG7maqQVFZACwMTZBgCOLyLzuDs62BEQmTBjTc55i4bxzY0rF9jaObgLYS36jET7i4o7NaZCCwniqvXZC3rcsFIWm0DFJi1aSuc9XKJdQZBr2wH5ZAkdTEbfCco63Ev6pLyuuY9INxNsPGQRkfZBdPBem6KomHK7XksFwcf54Ir1bZAVwxURzNPTZCjYdTQZDZD" --data-urlencode "caption=line1 this is a test"
```

returns a creation_id ...

```
{
  "id": "17872890377766395"
}
```

Crime-Watch-America Overview

- media_publish API is used to publish the image/video file and caption to Instagram

Publish post to the Dallas Instagram account using the ig_user_id and creation_id from above

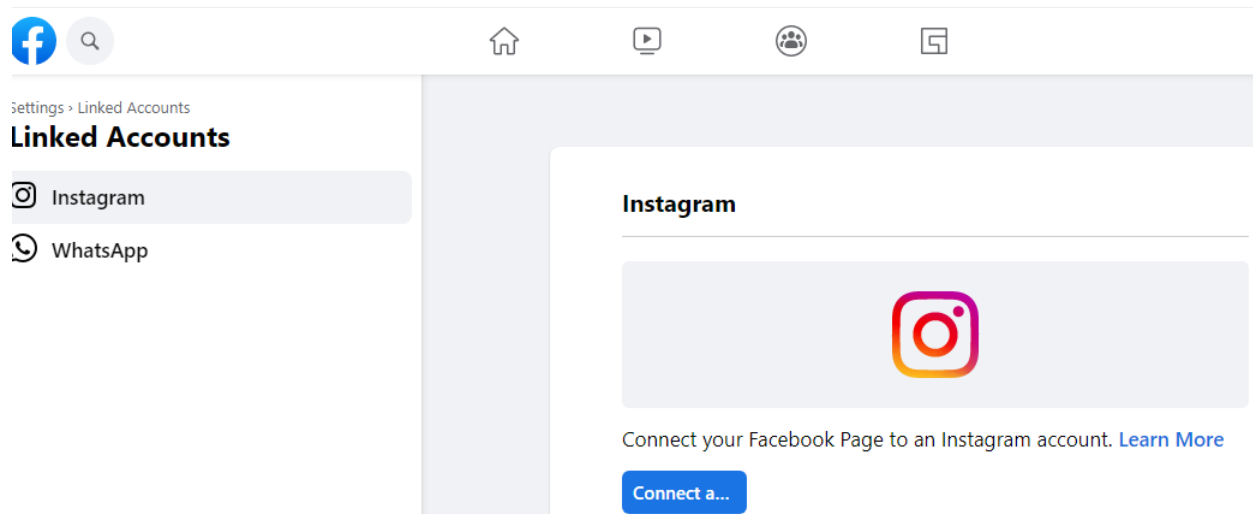
```
curl -i -X POST
"https://graph.facebook.com/v15.0/17841426276423966/media_publish?creation_id=1787289037776
6395&access_token=EAAGyZAgKUaPABABohUG7maqQVFZACwMTZBgCOLyLzuDs62BEQm
TBjTc55i4bxzY0rF9jaObgLYS36jET7i4o7NaZCCwniqvXZC3rcsFIWm0DFJi1aSuc9XKJdQZBr2w
H5ZAkdTEbfCco63Ev6pLyuY9INxNsPGQRkfZBdPBem6KomHK7XksFwcf54Ir1bZAVwxURzN
PTZCjYdTQZDZD"
```

4.4.4 Link Facebook pages to Instagram

Login to facebook.com

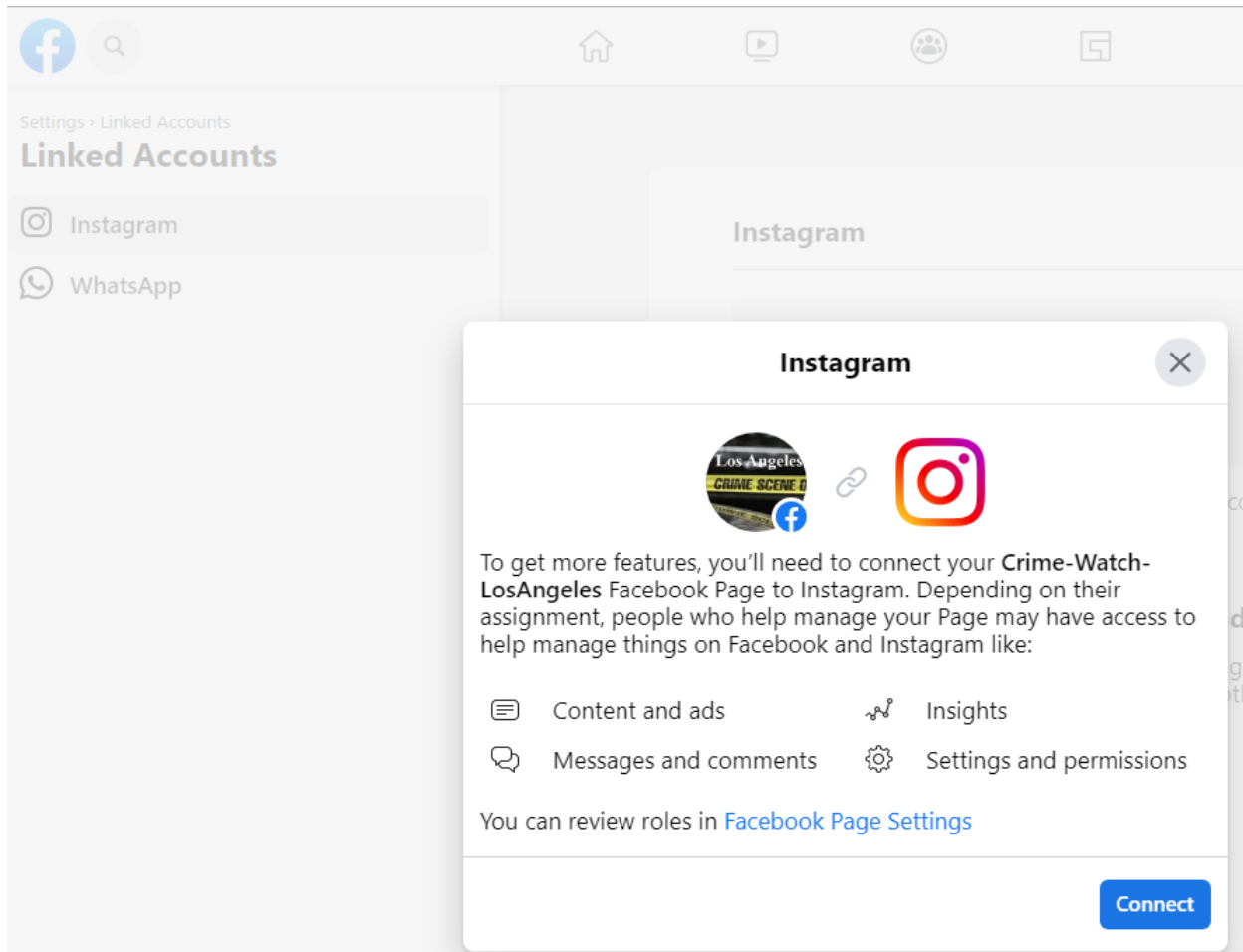
Select facebook page to be linked to Instagram e.g. **Crime-Watch-Los Angeles**

Click Settings -> Privacy & Settings -> Settings -> Linked Accounts -> Instagram



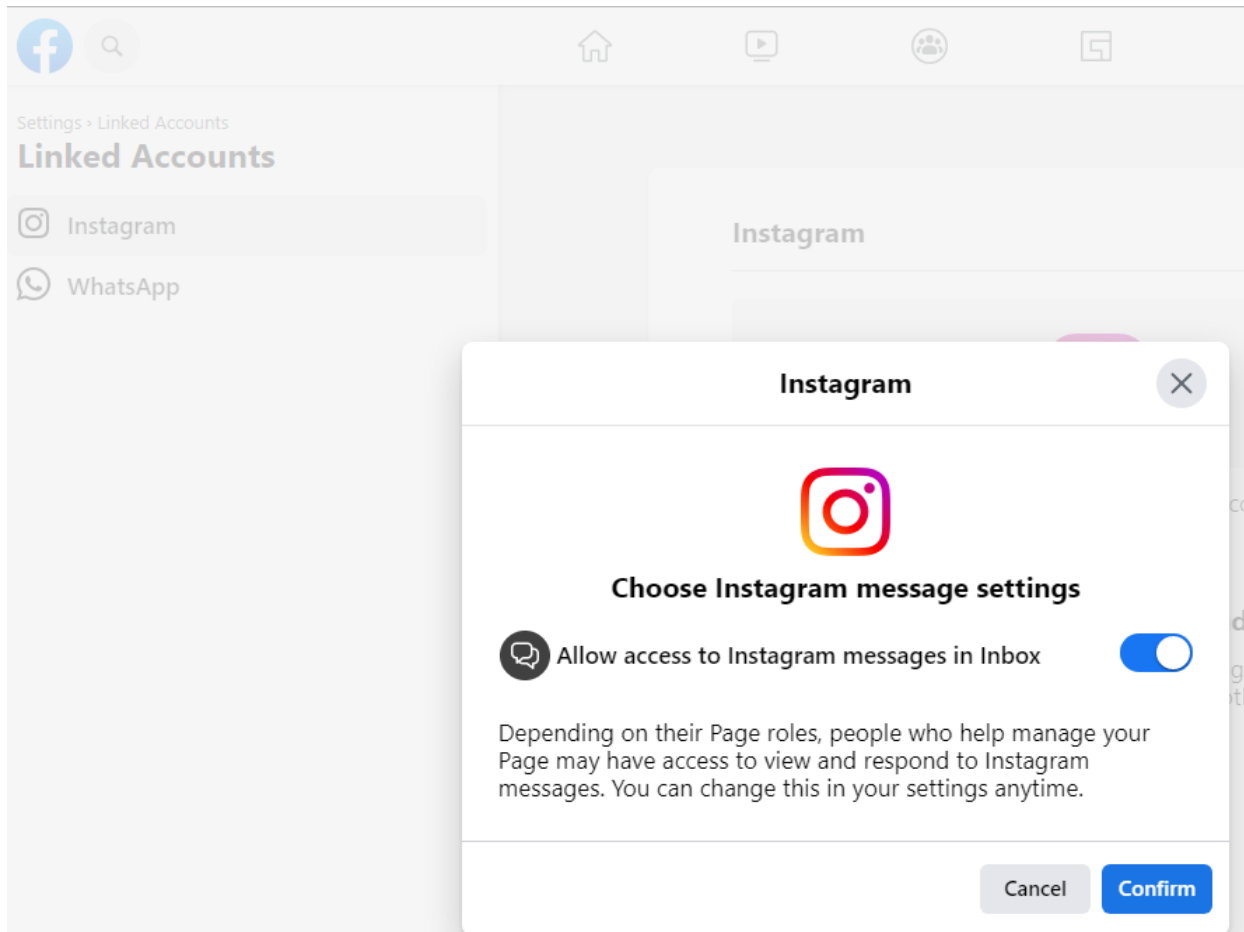
Click Instagram -> Connect a...

Crime-Watch-America Overview



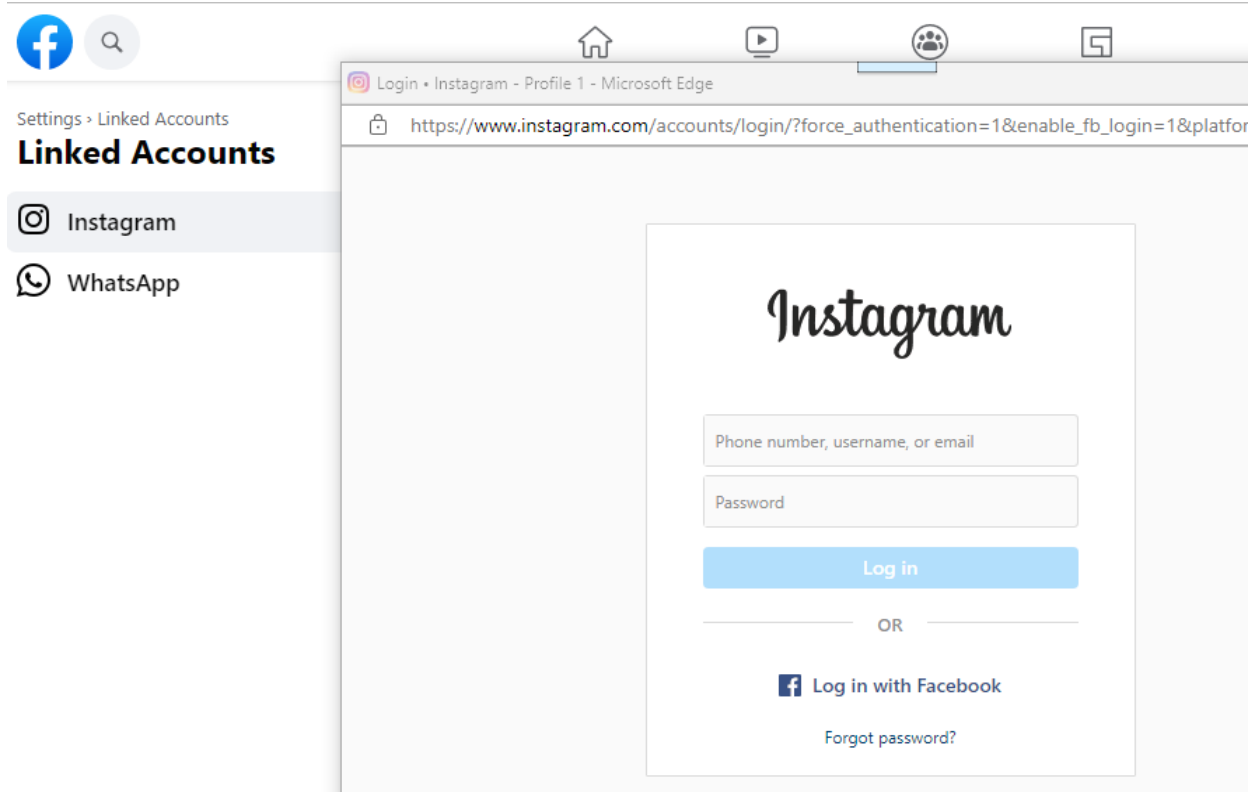
Click Connect

Crime-Watch-America
Overview

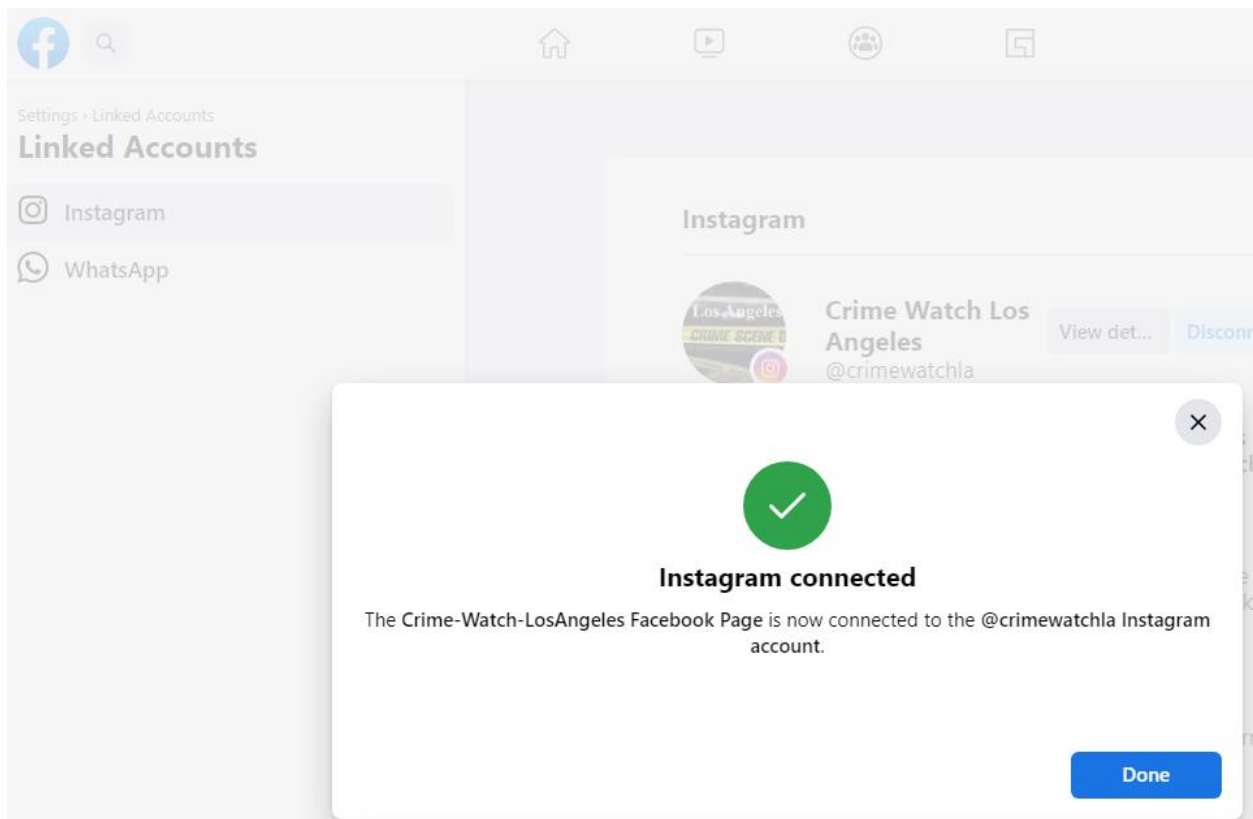


Click Confirm button

Crime-Watch-America Overview



Login to the Instagram page that is to be linked to the Facebook page e.g. *Crime Watch Los Angeles*



Crime-Watch-America Overview

Click Done button

Repeat the steps above to link additional Facebook pages to Instagram pages.

i.e.

<u>Facebook Page</u>	<u>Instagram Page</u>	<u>Instagram username</u>
Crime-Watch-Atlanta	CrimeWatchAtlanta	crimewatchatlanta
Crime-Watch-Chicago	CrimeWatchChicago	crimewatchchicago
Crime-Watch-Dallas	Crime Watch Dallas	crimewatchdallas
Crime-Watch-Detroit	CrimeWatchDetroit	crimewatchdetroit
Metro Crime Detroit	Metro Detroit Crime	crimeinthed
Crime-Watch-Houston	CrimeWatchHouston	crimewatchhouston
Crime-Watch-LosAngeles	Crime Watch Los Angeles	crimewatchla
Crime-Watch-Memphis	CrimeWatchMemphis	crimewatchmemphis
Crime-Watch-Miami	Crime Watch Miami	crimewatchmiami
Crime-Watch-NewYork	Crime Watch NewYork	crimewatchnewyork
Crime-Watch-NewOrleans	Crime-Watch-NewOrleans	crimewatchnola
Crime-Watch-StLouis	CrimeWatch-StLouis	crimewatchstlouis

Reference Information:

<https://levelup.gitconnected.com/automating-instagram-posts-with-python-and-instagram-graph-api-374f084b9f2b>

4.5 Lnkpreview

Lnkpreview is used inside batch script to create index.html for specific cities. It creates a .json file that is parsed to help create the index.html file.

4.5.1 Configure Lnkpreview

Create an account at **linkpreview.net**. You will need to get a secret key and ultimately execute the following command to get the information needed to post to the metrocrimedaily.com website.

e.g. `http://api.linkpreview.net/?key=123secretkey456&q={url}`

4.5.2 Configure lnkpreview command

```
set lnkpreview-cmd=curl -X POST http://api.linkpreview.net --output mcd-lnkp.json --data  
"key=5e12407496b14786d2f3c2c3c2267e8762371e262abde&q=
```

5 Scripts & Utilities

- **find-and-post-stories *city***

where ***city*** = [atlanta | chicago | dallas | detroit | crimeinthed | houston | losangeles | memphis | miami | neworleans | newyork | stlouis]

- **find-quota-usage *city***

where ***city*** = [atlanta | chicago | dallas | detroit | crimeinthed | houston | losangeles | memphis | miami | neworleans | newyork | stlouis]

- sendmail.ps (powershell) send a text message

6 Use Case(s)

The following information highlights how to start a script in order to post news stories to Facebook, Twitter and Instagram. From a command prompt:

```
C:\> cd CRIME-WATCH-AMERICA
```

```
C:\CRIME-WATCH-AMERICA> find-and-post-stories city
```

where ***city*** = [atlanta | chicago | dallas | detroit | crimeinthed | houston | losangeles | memphis | miami | neworleans | newyork | stlouis]

7 Summary

8 Miscellaneous

App Verification Details

<https://levelup.gitconnected.com/automating-instagram-posts-with-python-and-instagram-graph-api-374f084b9f2b>

To Get Started go to the developers page:

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

Crime-Watch

App ID: 477626176399600

Type: Business

App Secret: 669e5a844664d716dedd7948073c352f

Client Token: 08bd42fd7776a14edb06ca8b6d6f16e8

Access Token (short life 60 minutes):

EAAGyZAgKUaPABABohUG7maqQVFZACwMTZBgCOLyLzuDs62BEQmTBjTc55i4bxzY0rF9jaObgLYS36jET7i4o7NaZCCwniqvXZC3rcsFIWm0DFJi1aSuc9XKJdQZBr2wH5ZAkdTEbfCco63Ev6pLyuU99INxNsPGQRkfZBdPBem6KomHK7XksFwcf54lr1bZAVwxURzNPTZCjYdTQZDZD

Crime-Watch-America Overview

EAAGyZAgKUaPABAP90smjdqJL9o0aBcrSTDZLAymZBUEz5Lkw67jQLRSukURCOv9zXYZBWBOG7jP8is7svsv
H8RTZAFby6v9m2iSonREKjuUCcCGevDFdu5JAYHlmj0WuNX4iP2b5GTsBbT1wrYWZCLZAcO0DdoRilLyrTZC
VyAZCi5S3wSlxwfBW7XFf7T9tjfh0ZD

Run the following command to get a 60 day access tokens

```
curl -i -X GET "https://graph.facebook.com/{graph-api-version}/oauth/access_token?  
  
grant_type=fb_exchange_token&  
client_id={app-id}&  
client_secret={app-secret}&  
fb_exchange_token={your-access-token}"
```

Run this command to get long life Access Token

```
curl -i -X GET  
"https://graph.facebook.com/v15.0/oauth/access_token?grant_type=fb_exchange_token&client_id=47  
7626176399600&client_secret=669e5a844664d716dedd7948073c352f&fb_exchange_token=EAAGyZAg  
KUaPABABohUG7maqQVFZACwMTZBgCOLyLzuDs62BEQmTBjTc55i4bxzY0rF9jaObgLYS36jET7i4o7NaZCC  
wniqvXZC3rcsFIWm0DFJi1aSuc9XKJdQZBr2wH5ZAkdTEbfCco63Ev6pLyuuY9INxNsPGQRkfZBdPBem6Kom  
HK7XksFwcf54lr1bZAVwxURzNPTZCjYdTQZDZD"
```

HTTP/1.1 200 OK

Content-Type: application/json; charset=UTF-8

facebook-api-version: v15.0

Access-Control-Allow-Origin: *

Strict-Transport-Security: max-age=15552000; preload

Pragma: no-cache

Cache-Control: private, no-cache, no-store, must-revalidate

Expires: Sat, 01 Jan 2000 00:00:00 GMT

x-fb-request-id: AkVRBQLIH3wo04VrVH0YY98

x-fb-trace-id: FxVOKvg+IfP

Crime-Watch-America
Overview

x-fb-rev: 1006267284

X-FB-Debug:

CRszCh2yW4q7ZkWf2Fm91H9xiFFe1PLHA/MigCRLrVJkbV5Cv7k0NESAASTMx8bNxb0wCU1/IZWIXLs6+8hKbg==

Date: Sun, 25 Sep 2022 17:36:45 GMT

Alt-Svc: h3=":443"; ma=86400, h3-29=":443"; ma=86400

Connection: keep-alive

Content-Length: 239

```
{"access_token":"EAAGyZAgKUaPABAOsjLPrNHQBqWp0FYdwucx836Dx86HKjpKD6ARIZAEQc9b2aNnFZA  
kryjHwNgiAkkzISnRYMWElcvVBH35p0uZBU93oWzOtTDZCP3eJRwvruNyJbSbL4EyXILwFkCTaOZCZABQuN  
0dQ9NGqlufnWbeUJYabCTwxAvWQmMw0y1t5MLZAYWo8Jy8ZD","token_type":"bearer"}
```

```
{"access_token":"EAAGyZAgKUaPABABwwWlQxcO8ByCKQj3SAbzUxLHXJVN2WwnOrdESVQuifXvhF8H2  
WYXS17S96uKiN6ZAUIGZBm1D5bqmtKvRnSt7s9aJnZAZBt99xJSNo3jZAzfj32p0CT1aHyfhaXXSIZCVllolBa2y  
yiLWMatD5tXQxTPRQz6R9hSX5dfXloHNDejhbyQWXwZD","token_type":"bearer"}
```

Access Token (long life 60 days): as of 09-25-2022 expires 11-24-2022

```
EAAGyZAgKUaPABAOsjLPrNHQBqWp0FYdwucx836Dx86HKjpKD6ARIZAEQc9b2aNnFZAKryjHwNgiAkkzISn  
RYMWElcvVBH35p0uZBU93oWzOtTDZCP3eJRwvruNyJbSbL4EyXILwFkCTaOZCZABQuN0dQ9NGqlufnWbe  
UJYabCTwxAvWQmMw0y1t5MLZAYWo8Jy8ZD
```

Access Token (long life 60 days): as of 10-10-2022 expires 12-09-2022

```
EAAGyZAgKUaPABABwwWlQxcO8ByCKQj3SAbzUxLHXJVN2WwnOrdESVQuifXvhF8H2WYXS17S96uKiN6Z  
AUIGZBm1D5bqmtKvRnSt7s9aJnZAZBt99xJSNo3jZAzfj32p0CT1aHyfhaXXSIZCVllolBa2yyiLWMatD5tXQxTP  
RQz6R9hSX5dfXloHNDejhbyQWXwZD
```

https://business.facebook.com/settings/instagram-account-v2s/17841455644650339?business_id=201120095674531

Run this command to get the instagram business page User ID

Crime-Watch-America
Overview

```
curl -i -X GET \
"https://graph.facebook.com/v10.0/{facebook_page_id}?fields=instagram_business_account&access_token={access-token}"
```

```
curl -i -X GET
"https://graph.facebook.com/v10.0/106077074233723?fields=instagram_business_account&access_token=EAAGyZAgKUaPABAOsjLPPrNHQBqWp0FYdwucx836Dx86HKjpKD6ARIZAEQc9b2aNnFZAkryjHwNgiAkkzISnRYMWElcvVBH35p0uZBU93oWzOtTDZCP3eJRwvruNyJbSbL4EyXILwFkCTaOZCZABQuN0dQ9NGqlufnWbeUJYabCTwxAvWQmMw0y1t5MLZAYWo8Jy8ZD"
```

HTTP/1.1 200 OK

ETag: "10a1b3f4e376677b0c7101ba35ff0911bfe45dc1"

Content-Type: application/json; charset=UTF-8

Vary: Origin

x-business-use-case-usage:

```
{"17841426276423966":[{"type":"instagram","call_count":1,"total_cputime":1,"total_time":1,"estimated_time_to_regain_access":0}],"106077074233723":[{"type":"pages","call_count":1,"total_cputime":1,"total_time":1,"estimated_time_to_regain_access":0}]}
```

x-fb-rlafr: 0

Access-Control-Allow-Origin: *

facebook-api-version: v12.0

Strict-Transport-Security: max-age=15552000; preload

Pragma: no-cache

Cache-Control: private, no-cache, no-store, must-revalidate

Expires: Sat, 01 Jan 2000 00:00:00 GMT

x-fb-request-id: As0CMxH_QGeV5lumpPt_2Pj

x-fb-trace-id: EhjSdMI1RqG

x-fb-rev: 1006267284

X-FB-Debug:

6/qRXcLXCK/jfAb1DoUT+d2av84fADnxS1ZYUP4THJrmqtHOXRJJ3Oo2KDuPX+qjKWZ0UH/3E3EJQzlc9zrkwQ==

Crime-Watch-America
Overview

Date: Sun, 25 Sep 2022 17:39:22 GMT

Priority: u=3,i

Alt-Svc: h3=":443"; ma=86400, h3-29=":443"; ma=86400

Connection: keep-alive

Content-Length: 80

{"instagram_business_account":{"id":"17841426276423966"},"id":"106077074233723"} Dallas-
{"instagram_business_account":{"id":"17841433316570474"},"id":"111747460486566"} Chicago-
{"instagram_business_account":{"id":"17841447985520404"},"id":"103524615269981"} Atlanta-
{"instagram_business_account":{"id":"17841455255976741"},"id":"347260609845549"} Monroe
{"instagram_business_account":{"id":"17841455717131314"},"id":"347260609845549"} Houston
{"instagram_business_account":{"id":"17841401875127956"},"id":"347260609845549"} stagefrightmvp
{"instagram_business_account":{"id":"17841448935451364"},"id":"171614886261218"} Detroit- link to
Kim's CrimeInTheD facebook & instagram pages
{"instagram_business_account":{"id":"17841453173754502"},"id":"171614886261218"} link to Tim's
CrimeInTheD facebook page
{"instagram_business_account":{"id":"17841455644650339"},"id":"100818736157188"}
MetroCrimeDaily-

@metrocrimedaily Owned by: MetroCrimeDaily ID: 17841455644650339

Metrocrimedaily Owned by: MetroCrimeDaily ID: 100818736157188

MetroCrimeDaily Business Account ID: 201120095674531

facebook pageID - CrimeWatchDallas : 106077074233723 Instagram BID: 17841426276423966

facebook pageID - CrimeWatchChicago: 111747460486566 Instagram BID: 17841433316570474

facebook pageID - CrimeWatchAtlanta: 103524615269981 Instagram BID: 17841447985520404

Crime-Watch-America
Overview

facebook pageID - CrimeWatchDetroit: 171614886261218 Instagram BID: 17841453173754502

facebook pageID - CrimeWatchMonroe : 347260609845549 Instagram BID: 17841455255976741

facebook pageID - CrimeWatchHouston: 347260609845549 Instagram BID: 17841455717131314

facebook pageID - stagefrightmvp : 347260609845549 Instagram BID: 17841401875127956

facebook pageID - MetroCrimeDaily : 100818736157188 Instagram BID: 17841455644650339

Publish a post to your instagram page using Instagram Graph API

Posts are sent to instagram in a two step process: (1) You create a container with the image, instagram returns you a creation id, (2) you publish the creation id to send the post to instagram.

NOTE: All requests need your user access token (preferably the long life token).

the next curl command will retrieve a IG creation_id value that is used to publish the image and caption to IG

curl -i -X POST

https://graph.facebook.com/v10.0/{ig_user_id}/media?image_url={public_http_path_to_image}&caption={url_encoded_caption}&access_token={user_access_token}

What you need for this request is:

IG user ID from section above = 17841426276423966 Dallas

IG user ID from section above = 17841433316570474 Chicago

IG user ID from section above = 17841447985520404 Atlanta

IG user ID from section above = 17841453173754502 Detroit

IG user ID from section above = 17841455255976741 Monroe

IG user ID from section above = 17841455717131314 Houston

IG user ID from section above = 17841455644650339 MetroCrimeDaily

IG user ID from section above = 17841401875127956 stagefrightmvp

User access token:

EAAGyZAgKUaPABALSGoC4ZAiyfdR7dTt2JjcMzx8iZBZA0LHeIENbrLxC35UAIE003T5yGfy2m8kCMPxzGc0i6

Crime-Watch-America
Overview

ddiAXAvBZAHNYu6KQUE86zrNCO2MsB0C19YdHs5e6AWPM2ZBU1C1T8hPkXYa5LDMT2DixbzSKLrokqLw
3SjzZBlpGxLxogrGYTqICW0xNE2ZCQZD

Path to image you want to post (ideally square image for IG and the path must be publicly accesible, like
http or https server)

file://localhost/E\$/INSTAGRAM-AUTOMATION\IG-image1.jpg

URL encoded caption

'this is a test caption that was posted to instagram along with an image'

Get creation_id ... for Dallas, Chicago, Atlanta

curl -i -X POST

"https://graph.facebook.com/v15.0/17841426276423966/media?image_url=http://www.metrocrimedaily.com/instagram-dallas/IG-Image1.jpg&access_token=EAAGyZAgKUaPABABohUG7maqQVFZACwMTZBgCOLyLzuDs62BEQmTBjTc55i4bxzY0rF9jaObgLYS36jET7i4o7NaZCCwniqvXZC3rcsFIWm0DFJi1aSuc9XKJdQZBr2wH5ZAkdTEbfCco63Ev6pLyuY9INxNsPGQRkfZBdPBem6KomHK7XksFwcf54lr1bZAVwxURzNPTZCjYdTQZDZD" --data-urlencode "caption=line1 this is a test to see what encoding looks like for a single quote ' and a double quote and a Question mark ? and a slash / and yes a < and a > and an asterisk * and up carrot ^ and what about a % and a \$ sign and a # sign and an at @ and what if we add some numbers like 100 200 300 4 5 6 7 8 9 10 ok this is enough line2 line3 line4 ddafafaf afasdfaf line5 here here line6 line7 is a test line9 Line10 is the last line in the file for now ... let's see what happens next EOF"

DALLAS creation_id ... using ig_user_id: 17841426276423966

```
{  
  "id": "17872890377766395"  
}
```

Crime-Watch-America
Overview

```
"https://graph.facebook.com/v15.0/17841433316570474/media?image_url=http://www.metrocrimeda
ily.com/instagram-dallas/IG-
Image1.jpg&access_token=EAAGyZAgKUaPABABohUG7maqQVFZACwMTZBgCOLyLzuDs62BEQmTBjTc55
i4bxzY0rF9jaObgLYS36jET7i4o7NaZCCwniqvXZC3rcsFIWm0DFJi1aSuc9XKJdQZBr2wH5ZAkdTEbfCco63Ev6
pLyuY9INxNsPGQRkfZBdPBem6KomHK7XksFwcf54lr1bZAVwxURzNPTZCjYdTQZDZD" --data-urlencode
"caption=line1 this is a test to see what encoding looks like for a single quote ' and a double quote and a
Question mark ? and a slash / and yes a < and a > and an asterisk * and up carrot ^ and what about a %
and a $ sign and a # sign and an at @ and what if we add some numbers like 100 200 300 4 5 6 7 8 9 10
ok this is enough line2 line3 line4 ddafafaf afasdfaf line5 here here line6 line7 is a test line9 Line10 is
the last line in the file for now ... let's see what happens next EOF"
```

CHICAGO creation_id ... using ig_user_id: 17841433316570474

```
{
  "id": "17961669166865281"
}
```

```
"https://graph.facebook.com/v15.0/17841447985520404/media?image_url=http://www.metrocrimeda
ily.com/instagram-dallas/IG-
Image1.jpg&access_token=EAAGyZAgKUaPABABohUG7maqQVFZACwMTZBgCOLyLzuDs62BEQmTBjTc55
i4bxzY0rF9jaObgLYS36jET7i4o7NaZCCwniqvXZC3rcsFIWm0DFJi1aSuc9XKJdQZBr2wH5ZAkdTEbfCco63Ev6
pLyuY9INxNsPGQRkfZBdPBem6KomHK7XksFwcf54lr1bZAVwxURzNPTZCjYdTQZDZD" --data-urlencode
"caption=line1 this is a test to see what encoding looks like for a single quote ' and a double quote and a
Question mark ? and a slash / and yes a < and a > and an asterisk * and up carrot ^ and what about a %
and a $ sign and a # sign and an at @ and what if we add some numbers like 100 200 300 4 5 6 7 8 9 10
ok this is enough line2 line3 line4 ddafafaf afasdfaf line5 here here line6 line7 is a test line9 Line10 is
the last line in the file for now ... let's see what happens next EOF"
```

ATLANTA creation_id ... using ig_user_id: 17841447985520404

```
{
  "id": "17940328397199853"
}
```

Publish post to my instagram accounts - DALLAS, CHICAGO, Atlanta pages
using ig_user_id and creation_id from above

Crime-Watch-America
Overview

DALLAS

curl -i -X POST

"https://graph.facebook.com/v15.0/17841426276423966/media_publish?creation_id=17872890377766395&access_token=EAAGyZAgKUaPABABohUG7maqQVFZACwMTZBgCOLyLzuDs62BEQmTBjTc55i4bxzY0rF9jaObgLYS36jET7i4o7NaZCCwniqvXZC3rcsFIWm0DFJi1aSuc9XKJdQZBr2wH5ZAkdTEbfCco63Ev6pLyuU99INxNsPGQRkfZBdPBem6KomHK7XksFwcf54lr1bZAVwxURzNPTZCjYdTQZDZD"

CHICAGO

curl -i -X POST

"https://graph.facebook.com/v15.0/17841433316570474/media_publish?creation_id=17961669166865281&access_token=EAAGyZAgKUaPABABohUG7maqQVFZACwMTZBgCOLyLzuDs62BEQmTBjTc55i4bxzY0rF9jaObgLYS36jET7i4o7NaZCCwniqvXZC3rcsFIWm0DFJi1aSuc9XKJdQZBr2wH5ZAkdTEbfCco63Ev6pLyuU99INxNsPGQRkfZBdPBem6KomHK7XksFwcf54lr1bZAVwxURzNPTZCjYdTQZDZD"

ATLANTA

curl -i -X POST

"https://graph.facebook.com/v15.0/17841447985520404/media_publish?creation_id=17940328397199853&access_token=EAAGyZAgKUaPABABohUG7maqQVFZACwMTZBgCOLyLzuDs62BEQmTBjTc55i4bxzY0rF9jaObgLYS36jET7i4o7NaZCCwniqvXZC3rcsFIWm0DFJi1aSuc9XKJdQZBr2wH5ZAkdTEbfCco63Ev6pLyuU99INxNsPGQRkfZBdPBem6KomHK7XksFwcf54lr1bZAVwxURzNPTZCjYdTQZDZD"

DETROIT

curl -i -X POST

"https://graph.facebook.com/v15.0/17841453173754502/media_publish?creation_id=17940328397199853&access_token=EAAGyZAgKUaPABABohUG7maqQVFZACwMTZBgCOLyLzuDs62BEQmTBjTc55i4bxzY0rF9jaObgLYS36jET7i4o7NaZCCwniqvXZC3rcsFIWm0DFJi1aSuc9XKJdQZBr2wH5ZAkdTEbfCco63Ev6pLyuU99INxNsPGQRkfZBdPBem6KomHK7XksFwcf54lr1bZAVwxURzNPTZCjYdTQZDZD"

Crime-Watch-America
Overview

to see the quota usage for a page execute the following command for MONROE

```
curl -i -X GET
"https://graph.facebook.com/v15.0/17841455255976741/content_publishing_limit?access_token=EAA
GyZAgKUaPABABohUG7maqQVFZACwMTZBgCOLyLzuDs62BEQmTBjTc55i4bxzY0rF9jaObgLYS36jET7i4o7
NaZCCwniqvXZC3rcsFIWm0DFJi1aSuc9XKJdQZBr2wH5ZAkdTEbfCco63Ev6pLyuuY9INxNsPGQRkfZBdPBe
m6KomHK7XksFwcf54lr1bZAVwxURzNPTZCjYdTQZDZD"

HTTP/1.1 200 OK

ETag: "e6a70e9497277ca7906aac7247afb21a97ac8faf"

Content-Type: application/json; charset=UTF-8

Vary: Origin

x-business-use-case-usage:
{"17841455255976741":[{"type":"instagram","call_count":1,"total_cputime":1,"total_time":1,"estimate
d_time_to_regain_access":0}]}

x-fb-rlafr: 0

Access-Control-Allow-Origin: *

facebook-api-version: v15.0

Strict-Transport-Security: max-age=15552000; preload

Pragma: no-cache

Cache-Control: private, no-cache, no-store, must-revalidate

Expires: Sat, 01 Jan 2000 00:00:00 GMT

x-fb-request-id: A5vEGeHmAkiYOO_C8482TM7

x-fb-trace-id: EtD80tUAvMK

x-fb-rev: 1006310789

X-FB-Debug:
lwDI4hrsCk00MmobFQrieBD8zgn6+XQ15s5CCc6+MSRGEUm1rnfCTEFnW/E9DhkWjg1pqVPI0NfML2D+b
3D7IA==

Date: Mon, 03 Oct 2022 22:03:05 GMT

Priority: u=3,i

Alt-Svc: h3=":443"; ma=86400, h3-29=":443"; ma=86400

Connection: keep-alive

Content-Length: 29
```

Crime-Watch-America Overview

```
{"data":[{"quota_usage":17}]}
```

rem quota-usage for MetroCrimeDaily

```
curl -i -X GET
```

```
"https://graph.facebook.com/v15.0/17841455644650339/content_publishing_limit?access_token=EAA  
GyZAgKUaPABABohUG7maqQVFZACwMTZBgCOLyLzuDs62BEQmTBjTc55i4bxzY0rF9jaObgLYS36jET7i4o7  
NaZCCwniqvXZC3rcsFIWm0DFJi1aSuc9XKJdQZBr2wH5ZAkdTEbfCco63Ev6pLyuuY9INxNsPGQRkfZBdPBe  
m6KomHK7XksFwcf54lr1bZAVwxURzNPTZCjYdTQZDZD"
```

Created CrimeWatchUSA FB and IG accounts

FB -> Crime-Watch-USA

IG -> CrimeWatchUSA

FB Page Info

Crime-Watch-USA

Owned by: CrimeWatchUSA

ID: 114163234831774

IG Page Info

@crimewatchusa

Owned by: CrimeWatchUSA

ID: 17841456740681690

Crime-Watch-America
Overview

IG Page ID

FB Page ID

```
{"instagram_business_account":{"id":"17841456740681690"},"id":"114163234831774"}
```

HAD TO GENERATE PAGE ACCESS PERMISSIONS FOR IG

My app is a server app that will programmatically update my IG business product page with my advertisers content.

- a script runs 24/7 that checks for advertisers content to be published
- once the advertisers content is found the script will make a call to the Graph API `instagram_content_publish` to update my IG business product page with the advertisers content

I would like to use the `instagram_content_publish` to simply post photos or videos to a Instagram business account.

I would like to use the `instagram_content_publish` to simply post photos or videos to a Instagram business account.

Search news feeds (e.g. `cnn.com`, `nbc.com`, etc) for news stories to post to my community service instagram account

|

If news stories found for each story save the photo / video and caption to the local server hard drive

|

Make a call to the Graph API using the `instagram_basic` and `instagram_content_publish` permissions to post the each news story found

|

Crime-Watch-America
Overview

Wait 60 minutes and loop back to search the news feed for additional stories to post to my community service instagram account

how can I create and test my app if I cannot get permission to use the API's that are required by my app? I'm trying to get everything setup so that I can develop the app but I can't get access to the API's I need. Please help me figure out what I need to do to continue. Thanks

What I am trying to accomplish is fairly straight forward. Instead of manually posting to my instagram account I want to automatically post to my account from my desktop PC using a script. The script will be used to setup everything I need (such as the photo/video, caption, access tokens, etc) to allow me to post to my instagram account. I only need access permission to my account.