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The image shows the word "facebook" in its characteristic lowercase, sans-serif font. The letters are white and appear to be mounted on or glowing against a dark, vertically-slatted wooden wall. The lighting is dramatic, with the letters being the primary light source, creating a strong contrast with the dark background and casting soft shadows on the wood grain.

# facebook

FACEBOOK, OSINT, PRIVACY, SOCIAL MEDIA, TOOLS

# The new Facebook Graph Search – part 1

This blogpost is inspired by [@djnemec](#)'s Github gist, which you can find here

<https://gist.github.com/nemec/2ba8afa589032f20e2d6509512381114>.

**WARNING:** This is a long read. We just couldn't make it shorter, sorry... Take your time, get comfortable and dive into the new way of Facebook Graph Search!

## R.I.P Graph Search – June 7th 2019

As you might have noticed, on June 7th 2019, Facebook shut down its Graph Search options. Within a few hours people found solutions but, unfortunately, it didn't seem to last long. Since August 1st, there seems to be a steady solution.

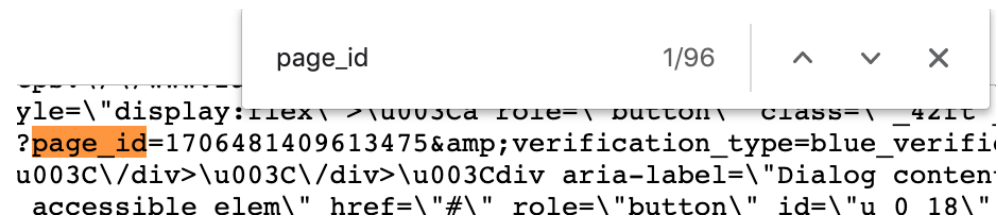
The 'new' Graph Search seems a little comprehensive at first, but it's pretty easy once you get the hang of it. It involves some **JSON** and **Base64**, languages not everyone is familiar with. But even though you might have even never heard of these concepts, you can still build the Graph queries! In fact, we made a whole other blog post about **JSON, Base64 encoding, and URL encoding** to prep you for these Facebook changes.

Of course there are tools and websites like **Graph.tips**, **Sowdust**, and **Intelx.io** which do a great job of simplifying the “how do I get this Facebook data...” questions, but it’s always better to know how these tools work instead of relying on them. As we have seen recently, web sites and their tools come and go. Understanding HOW something works helps you even when our favourite tools stop working. And understanding how these tools work helps you stay OSINT curious too :)!

# Before we start...

Just like in the ‘old’ Graph Search, ID numbers are still important. You can find a Facebook ID number very easily by following these instructions:

1. Open the page or profile of interest in a web browser
2. Right click somewhere on the page where there is no content (mostly in the light grey area's) and choose 'View page source' (or use Ctrl+U. This works in most browsers.)
3. Search, using Ctrl+F, for 'entity\_id' (when looking at a profile), 'page\_id' (when looking at a page) or 'group\_id' (when looking at a group). The number mentioned just behind 'entity\_id=' or 'page\_id=' is the number you need to copy.



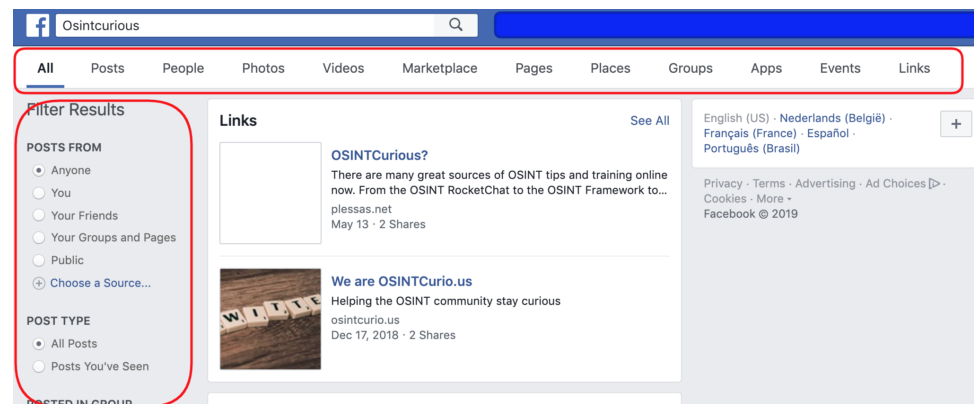
Example of the 'page id:' of the Google Netherlands Facebook page

Also, don't forget to switch your Facebook language settings to 'English US' in order to get the best results.

## Searching Facebook

According to an article on **Buzzfeed**, Facebook stated: *“The vast majority of people on Facebook search using keywords, a factor which led us to pause some aspects of graph search and focus more on improving keyword search. We are working closely with researchers to make sure they have the tools they need to use our platform.”*

And I must say, their keyword search has improved. While searching the regular search bar at the top of Facebook (visible when logged on), Facebook offers a wide range of filters to choose from. Give it a try, it has already surprised me a couple of times!



Red box on top: select a category you want to search in  
Red box on the left: filter the results as you like

Don't forget to log on to Facebook in order to use the search options. If you struggle with creation or maintaining a research profile, check out one of our [previous blogpost on sock puppets](#).

## Searching with the 'new' Graph Search

Buckle up readers! This is where the ride really starts; get comfortable and keep on reading for the comprehensive part!

Even though the search bar works pretty well, you sometimes want to specifically filter on the things you are interested in. For example; 'Most Recent' posts on a specific topic. This is not a standard option, although the option is still available. You just have to put in a little more effort.

### The base

For every search the base will always be this URL:

[facebook.com/search/top/?q=people&epa=FILTERS&filters=](https://facebook.com/search/top/?q=people&epa=FILTERS&filters=)

In this URL we're going to adjust somethings and add somethings at the end. We're going to start with selecting the right category you want to search in. For adjusting the category, you change the highlighted part ("top/") in one of the categories mentioned below:

[facebook.com/search/\*\*top\*\*/?q=people&epa=FILTERS&filters=](https://facebook.com/search/top/?q=people&epa=FILTERS&filters=)

These are the categories to choose from:

URL PARAMETER	WHAT IT DOES
top/	Search top content
posts/	Search public posts
people/	Search for people
photos/	Search for photos
videos/	Search for videos
pages/	Search for pages
places/	Search for places

Now you know how to change the category, we can take a look at changing the search query. Changing the search query is done in the highlighted part of the URL:

[facebook.com/search/top/?q=people&epa=FILTERS&filters=](https://facebook.com/search/top/?q=people&epa=FILTERS&filters=)

Change ‘*people*’ into whatever you’re searching for.

Searching for more than one word? Just keep typing, the spaces will change into ‘%20’. Or type a ‘+’ between the words. (E.g. ‘*osintcurious+technisette*’ or ‘*John+Doe*’ or ‘*Ford+Mustang+Red*’).

**Attention:** You always have to fill in a query. You can’t leave it blank.

So now you know how to change the category and how to change the search query. We’re half way there!

## The next step

We're going to dive into **JSON** and **Base64** now. Don't be scared! I don't 'speak' or 'write' any of these data formats and I was still able to find out how it works. So stick with me please :)! Again, we have a primer for this **on our other blog**. Check it out!

We're going to add the last piece to our URL. The best way to explain this is by using an example. Let's say you want to search for the most recent posts on the topic 'baseball'. Our URL will look like this:

**facebook.com/search/posts/?q=baseball&epa=FILTERS&filters=**

**'search/posts/** because we want to find public posts.

**'?q=baseball'** because this is our search query.

To find the 'Most recent' posts, we have to translate a JSON string into Base64. The JSON string for 'Most recent' is:

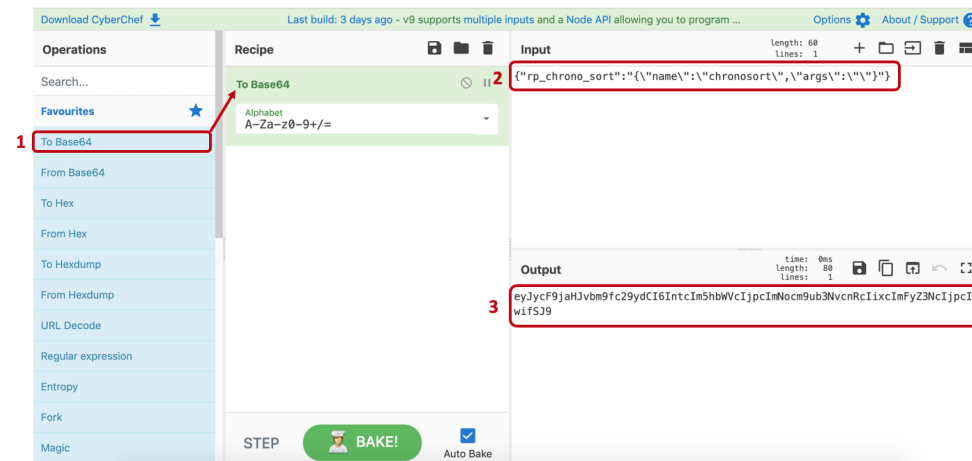
**{"rp\_chrono\_sort": "\name\":"chronosort\","args\":"\""}}**

To translate JSON into Base64, we're going to use **CyberChef**. This is a free online tool and very easy to use. (In our **previous post** we show you how to use CyberChef for many other things too. Also; there are more tools to help you translate JSON to Base64. Pick whatever tool you're most comfortable with.)

1. Choose 'To Base64' from the Operations section. Drag this option to the Recipe section and drop.



2. The 'Input' field is blank. Make sure to paste the JSON line, as mentioned above, in this Input field.
3. You'll now see the result in the 'Output' field. (If you don't immediately see a result, make sure to check if the 'Auto bake' box is ticked.)
4. Copy the Base64 Output.



Explanation on how to use CyberChef to 'bake' JSON to Base64

So we've now put a JSON line to Base64. The result of the JSON line for 'Most recent' will look like this:

**eyJycF9jaHJvbm9fc29ydCI6IntcIm5hbWVcIjpcImNocm9ub3NvcnRclixcImFyZ3NcIjpcIlwifSJ9**

Now we're going to put the URL and the Base64 together;

**facebook.com/search/posts/?**

**q=baseball&epa=FILTERS&filters=eyJycF9jaHJvbm9fc29ydCI6IntcIm5hbWVcIjpcImNocm9ub3NvcnRclixcImF**

Now you'll see the most recent posts on the topic 'baseball'.

See? This wasn't that hard, right?!

## Possible options per category

As [@djnemec](#) explained in his [post](#), there are a couple of options to filter per category. We've summed up the possible options and translated some of them to Base64. This does not go for all options; for some options you'll need the specific Facebook ID. If you don't know how to retrieve the ID, scroll up for an explanation.

I must say that some of them have brought me better results than the regular search Facebook offers and some of them have shown me less content. So make sure to keep trying, stay (osint)curious and test queries!

### **Search/top/ (searching for most popular content)**

*Most recent popular content*

**JSON:** {"rp\_chrono\_sort":{"name":"chronosort","args":""}}

**Base64:**

eyJycF9jaHJvbm9fc29ydCI6IntcIm5hbWVcIjpcImNocm9ub3NvcnRclixcImFyZ3NcIjpcIlwifSJ9

*Most popular public content*

**JSON:** {"rp\_author":{"name":"merged\_public\_posts","args":""}}

**Base64:**

eyJycF9hdXRob3IiOiJ7XCJucm9udCI6XCJtZXJnZWVfcHVibGJjX3Bvc3RzXCIsXCJhcmdzXCJ6In0ifQ==

*Most popular content posted from your own profile*

**JSON:** {"rp\_author":{"name":"author\_me","args":""}}

**Base64:**

eyJycF9hdXRob3IiOiJ7XCJueYW1lXCI6XCJhdXRob3JfbWVclixcImFyZ3NcIjpcIlwifSJ9

*Most popular content viewed by your profile*

**JSON:**

```
{“interacted_posts”:”{“name”:”interacted_posts”,“args”:””}”}
```

**Base64:**

eyJpbmRlcmFjdGVkX3Bvc3RzIjoie1wibmFtZVwiOlwiaW50ZXJhY3RlZF9wb3N0c1wiLFwiYXJnc1wiOlwiXCJ9In0=

*Most popular content posted by your friends*

```
{“rp_author”:”{“name”:”author_friends_feed”,“args”:””}”}
```

**Base64:**

eyJycF9hdXRob3IiOiJ7XCJueYW1lXCI6XCJhdXRob3JfZnJpZW5kc19mZWVkXCIsXCJhcmdzXCI6XCJcIn0ifQ==

*Most popular content from the pages you like or the groups you are a member of*

**JSON:**

```
{“rp_author”:”{“name”:”my_groups_and_pages_posts”,“args”:””}”}
```

**Base64:**

eyJycF9hdXRob3IiOiJ7XCJueYW1lXCI6XCJteV9ncm91cHNfYW5kX3BhZ2VzX3Bvc3RzXCIsXCJhcmdzXCI6XCJcIn0ifQ

*Most popular content in the groups you are a member of*

```
{“rp_group”:”{“name”:”my_groups_posts”,“args”:””}”}
```

**Base64:**

eyJycF9ncm91cCI6IntcIm5hbWVcljpcIm15X2dyb3Vwc19wb3N0c1wiLFwiYXJnc1wiOlwiXCJ9In0=

*Most popular content from a specific page*

Warning: you’ll need the Facebook ID of the page of interest. Replace ‘PutIDHere’ with that ID number.

**JSON:** {"rp\_author":{"name":"author","args":"PutIDHere"}}

**Base64:** Depends on the ID used.

*Most popular content from a specific group*

Warning: you'll need the Facebook ID of the page of interest. Replace 'PutIDHere' with that ID number.

**JSON:**

{"rp\_group":{"name":"group\_posts","args":"PutIDHere"}}

**Base64:** Depends on the ID used.

*Most popular content tagged with a specific location*

Warning: you'll need the Facebook ID of the page of interest. Replace 'PutIDHere' with that ID number.

**JSON:** {"rp\_location":{"name":"location","args":"PutIDHere"}}

**Base64:** Depends on the ID used.

*Most popular content posted within a specific time range*

Warning: you'll have to change the time range. You can change the highlighted parts to your liking.

**JSON:**

{"rp\_creation\_time":{"name":"creation\_time","args":{"start\_year":"2019","start\_month":"1","end\_year":"2019","end\_month":"12","start\_day":"1","end\_day":"31"}}}

**Base64:** Depends on the time range used.

## **Search/posts/ (search public posts)**

*Public posts*

**JSON:** {"rp\_author":{"name":"merged\_public\_posts","args":""}}

**Base64:**

eyJycF9hdXRob3liOiJ7XCJuYW1lXCI6XCJtZXJnZWVfcHVibGljX3Bvc3RzXCIsXCJhcmdzXCI6XCJcIn0ifQ==

*Your own posts from your profile*

**JSON:** {"rp\_author":{"name":"author\_me","args":""}}

**Base64:**

eyJycF9hdXRob3liOiJ7XCJuYW1lXCI6XCJhdXRob3JfbWVclixcImFyZ3NcIjpcIlwifSJ9

*Posts viewed by your profile*

**JSON:**

{"interacted\_posts":{"name":"interacted\_posts","args":""}}

**Base64:**

eyJpbmRlcmFjdGVkX3Bvc3RzIjoie1wibmFtZVwiOlwiaW50ZXJhY3RlZF9wb3N0c1wiLFwiYXJnc1wiOlwiXCJ9In0=

*Posts from your friends*

**JSON:** {"rp\_author":{"name":"author\_friends\_feed","args":""}}

**Base64:**

eyJycF9hdXRob3liOiJ7XCJuYW1lXCI6XCJhdXRob3JfZnJpZW5kc19mZWVkcXCIsXCJhcmdzXCI6XCJcIn0ifQ==

*Posts from the pages you like and the groups you are a member of*

**JSON:**

{"rp\_author":{"name":"my\_groups\_and\_pages\_posts","args":""}}

**Base64:**

eyJycF9hdXRob3liOiJ7XCJuYW1lXCI6XCJteV9ncm91cHNfYW5kX3BhZ2VzX3Bvc3RzXCIsXCJhcmdzXCI6XCJcIn0ifQ=

*Posts in the groups you are a member of*

**JSON:** {"rp\_group":{"name":"my\_groups\_posts","args":""}}

**Base64:**

eyJycF9ncm91cCI6IntcIm5hbWVcljpcIm15X2dyb3Vwc19wb3N0c1wiLFwiYXJnc1wiOlwiXCJ9In0=

#### *Posts from a specific page*

**Warning:** you'll need the Facebook ID of the page of interest. Replace 'PutIDHere' with that ID number.

**JSON:** {"rp\_author":{"name":"author","args":"PutIDHere"}}

**Base64:** Depends on the ID used.

#### *Posts from a specific group*

**Warning:** you'll need the Facebook ID of the page of interest. Replace 'PutIDHere' with that ID number.

**JSON:**

{"rp\_group":{"name":"group\_posts","args":"PutIDHere"}}

**Base64:** Depends on the ID used.

#### *Public posts tagged with a specific location*

**Warning:** you'll need the Facebook ID of the page of interest. Replace 'PutIDHere' with that ID number.

**JSON:** {"rp\_location":{"name":"location","args":"PutIDHere"}}

**Base64:** Depends on the ID used.

#### *Public posts within a specific time range*

**Warning:** you'll have to change the time range. You can change the highlighted parts to your liking.

**JSON:**

{"rp\_creation\_time":{"name":"creation\_time","args":{"start\_year":"2019","start\_month":"1","end\_year":"2019","end\_month":"12","start\_day":"1","end\_day":"31"}}}

**Base64:** Depends on the time range used.

### **Search/people/ (search for people)**

*People within a specific city*

**Warning:** you'll need the Facebook ID of the page of interest. Replace 'PutIDHere' with that ID number.

**JSON:** {"city": {"name": "users\_location", "args": "PutIDHere"}}

**Base64:** Depends on the ID used.

*People with a specific education*

**Warning:** you'll need the Facebook ID of the page of interest. Replace 'PutIDHere' with that ID number.

**JSON:** {"school": {"name": "users\_school", "args": "PutIDHere"}}

**Base64:** Depends on the ID used.

*People who work at a specific employer*

**Warning:** you'll need the Facebook ID of the page of interest. Replace 'PutIDHere' with that ID number.

**JSON:**

{"employer": {"name": "users\_employer", "args": "PutIDHere"}}

**Base64:** Depends on the ID used.

*Find friends of your own profile*

**JSON:** {"friends": {"name": "users\_friends", "args": ""}}

**Base64:**

eyJmcmlldmRzIjoie1wibmFtZVwiOlwidXNlcnNfZnJpZW5kc1wiLFwiYXJnc1wiOlwiXCJ9In0=

*Find mutual friends of your own friends*

**JSON:** {"friends": {"name": "users\_friends\_of\_friends", "args": ""}}

**Base64:**

eyJmcmlldmRzIjoie1wibmFtZVwiOlwidXNlcnNfZnJpZW5kc19vZl9mcmlldmRzXCIsXCJhcmdzXCI6XCJcIn0ifQ==

*Find friends of a specific profile*

Warning: you'll need the Facebook ID of the page of interest. Replace 'PutIDHere' with that ID number.

**JSON:**

```
{“friends”:{“name”:\”users_friends_of_people\”,“args”:\”PutIDHere\”}}
```

**Base64:** Depends on the ID used.

## **Search/photos/ (search photos)**

*Public photos*

**JSON:** {“rp\_author”:{“name”:\”merged\_public\_posts\”,“args”:\”\”}}

**Base64:**

eyJycF9hdXRob3liOiJ7XCJhYXNlXCI6XCJtZXJnZWVfcHVibGllX3Bvc3RzXCIsXCJhcmdzXCI6XCJcIn0ifQ==

*Your own photos posted from your profile*

**JSON:** {“rp\_author”:{“name”:\”author\_me\”,“args”:\”\”}}

**Base64:**

eyJycF9hdXRob3liOiJ7XCJhYXNlXCI6XCJhdXRob3JfbWVclixcImFyZ3NcIjpcIlwifSJ9

*Photos viewed by your profile*

**JSON:**

```
{“interacted_posts”:{“name”:\”interacted_posts\”,“args”:\”\”}}
```

**Base64:**

eyJpbmRlcmFjdGVkX3Bvc3RzIjoie1wibmFtZVwiOlwiaW50ZXJhY3RlZF9wb3N0c1wiLFwiYXJnc1wiOlwiXCJ9In0=

*Photos posted by your friends*

**JSON:** {“rp\_author”:{“name”:\”author\_friends\_feed\”,“args”:\”\”}}

**Base64:**

eyJycF9hdXRob3liOiJ7XCJhYXNlXCI6XCJhdXRob3JfZnJpZW5kc19mZWVkcXCIsXCJhcmdzXCI6XCJcIn0ifQ==



*Photos posted by the pages you like and the groups you are a member of*

**JSON:**

```
{“rp_author”:”{\”name\”:\”my_groups_and_pages_posts\”,\”args\”:\”\”}”}
```

**Base64:**

```
eyJycF9hdXRob3liOiJ7XCJueYW1lXCI6XCJteV9ncm91cHNfYW5kX3BhZ2VzX3Bvc3RzXCIsXCJhcmdzXCI6XCJcIn0ifC
```

*Photos posted by the groups you are a member of*

**JSON:** {“rp\_group”:”{\”name\”:\”my\_groups\_posts\”,\”args\”:\”\”}”}

**Base64:**

```
eyJycF9ncm91cCI6IntcIm5hbWVcljpcIm15X2dyb3Vwc19wb3N0c1wiLFwiYXJnc1wiOlwiXCJ9In0=
```

*Photos posted by a specific page*

Warning: you’ll need the Facebook ID of the page of interest. Replace ‘PutIDHere’ with that ID number.

**JSON:** {“rp\_author”:”{\”name\”:\”author\”,\”args\”:\”PutIDHere\”}”}

**Base64:** Depends on the ID used.

*Photos posted by a specific group*

Warning: you’ll need the Facebook ID of the page of interest. Replace ‘PutIDHere’ with that ID number.

**JSON:**

```
{“rp_group”:”{\”name\”:\”group_posts\”,\”args\”:\”PutIDHere\”}”}
```

**Base64:** Depends on the ID used.

*Photos tagged with a specific location*

Warning: you’ll need the Facebook ID of the page of interest. Replace ‘PutIDHere’ with that ID number.

**JSON:** {“rp\_location”:”{\”name\”:\”location\”,\”args\”:\”PutIDHere\”}”}

**Base64:** Depends on the ID used.

*Photos posted within a specific time range*

Warning: you'll have to change the time range. You can change the highlighted parts to your liking.

**JSON:**

```
{“rp_creation_time”:”{“name\:”creation_time\”,“args\:”{“start_year\\”:“2019\\”,“start_month\\”:“1\\”,“end_year\\”:“2019\\”,“end_month\\”:“2019-12\\”,“start_day\\”:“2019-1-1\\”,“end_day\\”:“2019-12-31\\”}”}”}
```

**Base64:** Depends on the time range used.

## **Search/videos/ (*search for videos*)**

*Search live videos*

**JSON:** {“videos\_source”:”{“name\:”videos\_live\”,“args\:”\”}”}

**Base64:**

eyJ2aWRlb3Nfc291cmNlIjoie1wibmFtZVwiOlwidmlkZW9zX2xpdmVcIixcImFyZ3NcIjpcIlwifSJ9

*Search for episodes*

**JSON:** {“videos\_source”:”{“name\:”videos\_episode\”,“args\:”\”}”}

**Base64:**

eyJ2aWRlb3Nfc291cmNlIjoie1wibmFtZVwiOlwidmlkZW9zX2VwaXNvZGVclixcImFyZ3NcIjpcIlwifSJ9

*Videos posted by your friends and the groups you are a member of*

**JSON:** {“videos\_source”:”{“name\:”videos\_feed\”,“args\:”\”}”}

**Base64:**

eyJ2aWRlb3Nfc291cmNlIjoie1wibmFtZVwiOlwidmlkZW9zX2ZlZWRCIixcImFyZ3NcIjpcIlwifSJ9

*Videos tagged to a specific location*

Warning: you'll need the Facebook ID of the page of interest. Replace 'PutIDHere' with that ID number.

**JSON:** {"rp\_location":{"name":"location","args":"PutIDHere"}}

**Base64:** Depends on the ID used.

*Videos posted within a specific time range*

Warning: you'll have to change the time range. You can change the highlighted parts to your liking.

**JSON:**

{"rp\_creation\_time":{"name":"creation\_time","args":{"start\_year":"2019","start\_month":"1","end\_year":"2019","end\_month":"12","start\_day":"2019-1-1","end\_day":"2019-12-31"}}}

**Base64:** Depends on the time range used.

## **Search/pages (search for pages)**

*Search for 'verified' pages*

**JSON:** {"verified":{"name":"pages\_verified","args":""}}

**Base64:**

eyJ2ZXJpZmllZCI6IntcIm5hbWVcIjpcInBhZ2VzX3ZlcmllmaWVhXCI6JhcmdzXCI6XCJcIn0ifQ==

*Search for pages of local business or places*

**JSON:** {"category":{"name":"pages\_category","args":"1006"}}

**Base64:**

eyJjYXRlZ29yeSI6IntcIm5hbWVcIjpcInBhZ2VzX2NhdGVnb3J5XCI6JhcmdzXCI6XCJcIn0ifQ==

*Search for pages of companies, organisations or institutions*

**JSON:** {"category":{"name":"pages\_category","args":"1013"}}

**Base64:**

eyJjYXRlZ29yeSI6IntcIm5hbWVcIjpcInBhZ2VzX2NhdGVnb3J5XCI6JhcmdzXCI6XCJcIn0ifQ==

*Search for pages of a brand or a product*

**JSON:** {"category": {"name": "pages\_category", "args": "1009"}}

**Base64:**

eyJjYXRlZ29yeSI6IntcIm5hbWVcIjpcInBhZ2VzX2NhdGVnb3J5XCIsXCJhcmdzXCI6XCIxMDA5XCJ9In0=

*Search for pages of artists, bands or public figures*

**JSON:**

{"category": {"name": "pages\_category", "args": "1007,180164648685982"}}

**Base64:**

eyJjYXRlZ29yeSI6IntcIm5hbWVcIjpcInBhZ2VzX2NhdGVnb3J5XCIsXCJhcmdzXCI6XCIxMDA3LDE4MDE2NDY0ODY

*Search for pages in entertainment*

**JSON:** {"category": {"name": "pages\_category", "args": "1019"}}

**Base64:**

eyJjYXRlZ29yeSI6IntcIm5hbWVcIjpcInBhZ2VzX2NhdGVnb3J5XCIsXCJhcmdzXCI6XCIxMDE5XCJ9In0=

*Search for pages of a cause or a community*

**JSON:** {"category": {"name": "pages\_category", "args": "2612"}}

**Base64:**

eyJjYXRlZ29yeSI6IntcIm5hbWVcIjpcInBhZ2VzX2NhdGVnb3J5XCIsXCJhcmdzXCI6XCIyNjEyXCJ9In0=

## Search/places

According to [@djnemec](#) blog he hasn't figured this option out yet. I haven't either.

When looking at 'Places' you have a couple of filtering options, but nothing that can be translate from/to Base64. If you've looked into this and found the solution, we'd love to know!

# I get errors when executing the queries

You probably get either a blank page or a page that says that the page doesn't exist.

If you get a blank page, you're doing something wrong in the query. This means that, for example, you've tried to search for 'Most recent' in the category 'People', which is not possible. Check to see if you've selected the right category and the right query. Rebuild your query just to be sure.

If you're seeing the 'This page does not exist'-error; this means that you've misspelled something in your query. Check if you've copied the right Base64 line, used the right base URL as mentioned above, did not accidentally remove a character somewhere and read the query character for character.

https://www.facebook.com/search/posts/q=baseball&opa=FILTERS&filters=eyJycF9jaHJvbm...



### This page isn't available

The link you followed may be broken, or the page may have been removed.



Here I made a mistake in the base URL; it should have been:  
`/?q=baseball`  
Because I forgot the question mark, my query didn't work.

There is a chance you're getting errors while everything is spelled correctly. This might have to do with the fact that the quotations in your JSON string aren't straight but slightly tilted. Make sure you use the straight quotations.

## Combining the queries

So far so good right? So if you've managed to get this far, we're going to step it up a notch: we're going to combine queries. This way you can, for example, search for everyone named 'John', who live in 'Mountain View, California' and work for 'Google'. This will be all featured in the next

blog.

If you're ready, press [here](#) to continue and read the second part!

**CLICK here for 'The new Facebook Graph Search – part 2'**

P.S. Did you find an error? Or find an interesting query? Please share it in the comments :)!

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TECHNISETTE

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2019-08-22

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#BASE64, #FACEBOOK, #GRAPH, #GRAPH SEARCH, #JSON, #OSINT TOOLS, #SOCIAL MEDIA

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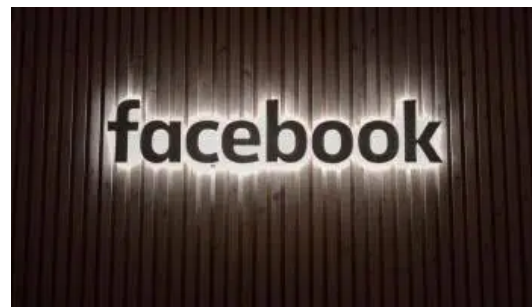
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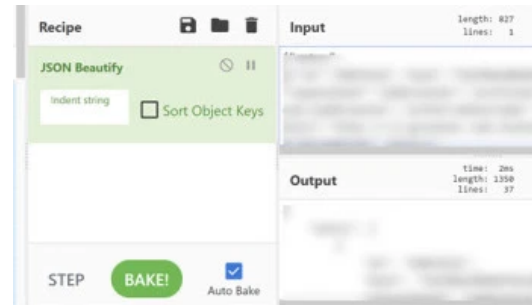
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## Related



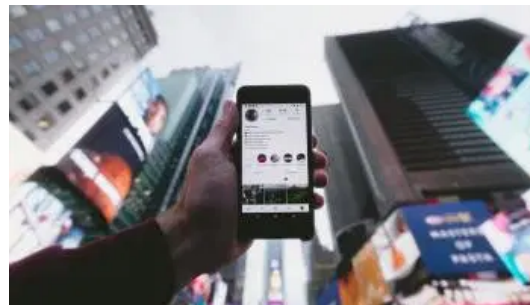
## The new Facebook Graph Search - part 2

IN "FACEBOOK"



## JSON and Common Web Encodings Demystified

IN "FORENSICS"



## Searching Instagram - part 2

IN "GEOLOCATION"

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## 12 thoughts on “The new Facebook Graph Search – part 1”



**Duncan F**

2019-08-22 AT 10:33

Great article, is searching individual user likes / comments / interactions impossible using this method?

★ Like

REPLY

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**Kirbstr**

2019-08-22 AT 13:50

There are no effective ways to search likes/comments/etc at this point. But stay tuned, we are actively looking for that.

★ Like

REPLY

---

**dogbone**

2019-08-23 AT 01:41

Is it possible to find photos a certain user is tagged in?

★ Like

REPLY

---

**Kirbstr**

2019-09-20 AT 14:13

Yes, but it's a bit messy. You should search the name and then toggle to photos. They'll be in there, even if they were untagged. But it's a proper mess. Better if you do some research first and use the filter on the side to look for photos posted by friends, family members or employers.

★ Like

REPLY

---

**Carlos**

2019-08-26 AT 22:43

Link to the second part is broken... 😞

★ Like

REPLY

---

**WebBreacher**

2019-08-27 AT 01:40

Thanks for the note! We've fixed it.

★ Like

REPLY

---

**technisette**

2019-09-24 AT 19:22

They seem to be working for me. Could you check again :)?

★ Like

REPLY

---

**Brandon**

2019-08-29 AT 05:56

I appreciate your efforts. Thanks!

★ Like

REPLY

---

**Louise Dalsgaard**

2019-09-15 AT 20:18

What am I doing wrong – can't seem to get many of the "people"-searches to work? For instance if I am looking for people who work at a certain company?

★ Like

REPLY

---

**WebBreacher**

2019-09-16 AT 00:20

Without further information about the BASE64-encoded JSON that you have sent to FB, it will be very challenging to troubleshoot this. Overall, ensure that the JSON in the string you send to FB is properly formatted and then BASE64 encoded.

★ Like

REPLY

---

**Mustafa**

2019-09-17 AT 13:42

I tried this example without any modification

facebook.com/search/posts/?q=baseball&epa=FILTERS&filters=

I used CyberChef to transfer this Json

```
{“rp_chrono_sort”:”{“name”:”chronosort”,“args”:””}”}
```

but the result is different from the one appeared to you. this is base64 you provided:

```
eyJycF9jaHJvbm9fc29ydCI6IntcIm5hbWVcljpcImNocm9ub3NvcnRcIixcImFyZ3NcljpcIlwifS  
J9
```

and this is what I get

```
e+KAnHJwX2Nocm9ub19zb3J04oCdOuKAnXtc4oCdbmFtZVzigJ06XOKAnWNocm9ub3Nvcn  
Rc4oCdLFzigJ1hcmdzXOKAnTpc4oCdXOKAnX3igJ19
```

when i try my result it gives be a blank page but when i try yours it gives me results. here is

the complete link as i copy&paste it:

This Facebook post is no longer available. It may have been removed or the privacy settings of the post may have changed.

Help Center 

★ Like

REPLY

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**WebBreach**

2019-09-17 AT 14:05

Ahhh. There's the issue. The quotes in what you pasted are "smart quotes" instead of regular ones. Ensure that the quotes are straight ones and not curved. I like pasting content I get from websites into a regular text editor like TextPad (Mac) or Notepad (Windows) or gedit (Linux) so I can correct these things. Try that and let us know.

★ Like

REPLY

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