

Facebook Graph Codes & Operators



Facebook Graph Search Operators

Collated by [Paul Myers](#)

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| | | |
|---|--------------------------------------|-----------------------------------|
| Prefixes & adjuncts | Time frames | Facebook posts |
| Photos and videos | Events | Pages liked |
| Groups | People & friends | Education |
| Users' hometown | Places | Language speakers |
| Employment | Professions | Business searches |
| Relationships | Religion | Politics |
| Age | Gender | Links |

[How to use Facebook Graph Search](#)

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Basics, search prefixes and adjuncts

| | |
|---|--|
| http://www.facebook.com/search/ | All Graph searches begin with this |
| /intersect/ | used to combine two or more searches with a Boolean AND (e.g. people who are named David AND come from Berlin) |
| /union/ | used to combine two or more searches with a Boolean OR (e.g. people who come from Berlin OR Frankfurt) |
| /str/ | used before a keyword in a search (as opposed to a Facebook ID number) |
| /str/keyword/stories-keyword/ | looks for words in a post |
| /str/name/users-named | looks for a named user |
| /str/name/places-named | looks for a named establishment |
| /pages/ | find pages related to defined search |
| /photos/ | specifies that it's the photos you want of a searched entity |
| Time frames | |
| /year/date/ | adds a year of post to the search |
| /month/year/date-2/events | adds month (three letters) /year of post date |
| /day/month/year/date-3/stories/ | adds dd/mon/year of post date |
| /past /present /ever-past | specifies past, present and ever as a requirement to a search |

| Facebook posts | |
|---|--|
| /id/stories-commented | posts commented on by someone |
| /stories-by | posts by someone |
| /stories-tagged | posts tagged with someone |
| /stories-liked | posts liked by someone |
| /intersect | combination search example |
| /str/keyword/stories-keyword/ | looks for a word in a post |
| Photos & videos | |
| id/photos-commented | photos someone has commented on |
| /photos-by | photos by someone |
| /photos-of | photos of someone |
| /photos-tagged | photos tagged with someone |
| /photos-in | photos taken in a place |
| /str/keyword/photos-keyword | looks for a word in the description |
| /videos-by | the same searches work for videos |
| Events | |
| /str/name/users-named/events /id/events (not currently working - July 2018) | Future events someone is interested in attending |
| /events/year/date/events/ /events/year a/date/events/year b/date/events/union/ | Events someone was interested in, during a given year or years |
| /str/name/users-named/events-joined/year/date/events/ /events-joined/year/date/events/ (not working - July 2018) | Events someone joined in a past year |
| /me/events-near /place id/events-near /str/place name/pages-named/events | events near me or events near a place |

| Pages liked | |
|--|---|
| /likers /str/page name or keyword/pages-named/likers/ | people who like a Facebook page |
| /pages-liked | pages someone likes |
| /pages-liked/interest/pages/ | someone's special interests |
| Groups | |
| /groups | groups someone belongs to |
| closed/groups-privacy/code/groups/ | private groups joined by a person |
| closed/groups-privacy/code/employees/groups/ | private groups belonged to by employees of a company |
| /str/group name/groups-named/members | finds members of a named group |
| People, friends and followers | |
| /me | used for yourself instead of a code |
| /str/name/users-named | specify a name to look for |
| /friends | full details on someone's friends (unless friends list is hidden) |
| code/friends/code/friends/intersect | mutual friends of people |
| /friendship/username1/username2 | another way of analysing two members' relationship |
| /friends/friends | friends of friends (very vague on its own) |
| /followers | lists someone's followers |
| /users-followed | people someone follows |
| /wives see also /boyfriends /girlfriends /children /husbands /aunts /uncles /sons /stepsons /brothers-in-law /daughters /siblings /grandparents /grandmothers /grandfathers and /cousins . Add /friends to get their friends. | someone's family members |

| Personal connected places | |
|---|--|
| /places-liked | places liked by someone |
| /places-checked-in | |
| /places-visited | Towns, cities and countries visited by someone |
| /users-birth-place | |
| /home-residents | |
| Towns, cities and places | |
| /visitors | people who have visited a place |
| /str/place name/pages-named/city/pages/intersect | search for named city pages |
| /users/checked-in | people who have "checked in" in a place |
| /residents /str/place name/pages-named/residents/ever/ | adds people who live or lived in a town, country or city |
| /residents-near | residents near a place |
| /places-in | lists establishments in a town |
| /users-birth-place | people who were born in a specified place |
| /home-residents | people whose home is in a specified place |
| /events-near | events near a place |
| Language speakers | |
| /speakers /str/keyword/pages-named/speakers | people who speak a language |

Employment

| | |
|---|---|
| /employers | lists companies that have employed someone |
| /employees | lists colleagues of someone or employees of a company |
| /str/company_name/pages-named/employees | lists employees of a company of a specified name |
| /str/name/users-named/employers/ | lists companies that employ someone of a specified name |
| /employer/pages/code/likers/employers | companies that employ people that like a certain page |

Professions

| | |
|---|------------------------------|
| code/job-liker-union/employees/ | lists people of a profession |
|---|------------------------------|

Profession Codes

| | |
|-----------------|---------------------------------|
| lawyers | 112696438745118 |
| Police officers | 109396455744864 |
| Investigators | 143544082337251 |
| Accountants | 112926212054966 |
| Managers | 112892498724794 |
| CEO's | 112032368815466 |
| Treasurers | 112732928742174 |
| Administrators | 143418082353057 |
| Actors | 113227362021025 |
| Teachers | 108464855840777 |
| Trainers | 107738079249033 |
| Architects | 108031252558282 |
| Civil engineers | 131461013563090 |
| Nurses | 113599041983855 |
| Social workers | 103114063062534 |
| Dentists | 119880341359563 |
| Optometrists | 112544782094996 |
| Models | 106216656075289 |
| Strippers | 112231702136450 |
| Sex workers | 162282617128863 |
| Librarians | 112282248788333 |

| Business | |
|--|---|
| /visitors /str/place/places-named/visitors/ | visitors, possibly customers of an establishment |
| /likers | people who like a page, place, establishment etc. |
| /places-liked | businesses and establishments liked by someone |
| /str/name/places-named | looks for a named establishment |
| /places-in | lists establishments in a town |
| Education | |
| /schools-attended | schools/universities attended by someone |
| /str/keyword/pages-named/students/ever/ | find people who went to a college |
| date/date/students | people who went to a specified school or university in a certain year |
| date/date/students-2/ | used in intersected school searches |
| /school/pages/code/likers/schools-attended/ | schools attended by people who like something |
| /students | someone's classmates |

Sexuality & relationships

| | |
|---|--------------------------|
| /single/users/ (see also /married/users) | search for single people |
| males/users-interested/males/intersect | for gay men |
| females/users-interested/females/intersect | for lesbians |
| both/users-interested/females/intersect | for bisexual women |

[example](#) - change genders to find straight women, bisexual men etc.

Religion and beliefs

| | |
|--|--------------------------|
| /users-religious-view /str/keyword/pages-named/users-religious-view | specify peoples' beliefs |
|--|--------------------------|

Religion Codes

| | |
|------------------|---------------------------------|
| Protestants | 106274162745013 |
| Catholics | 102144649827989 |
| Muslims | 106078429431815 |
| Jewish people | 115063718504722 |
| Hindu | 109107252447873 |
| Buddhist | 114761101868288 |
| Shinto | 112268618789811 |
| Atheists | 111235122235077 |
| Satanists | 109491989070706 |
| Scientists | 103822469656893 |
| Jehova's Witness | 114897538527344 |
| Jedi | 108069459214854 |
| Mormon | 112325998784231 |
| Vegan | 263557043786425 |

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Political views

[/users-political-view](#)

[/str/keyword/pages-named/users-political-view](#)

specify peoples' political views

Politics codes

| | |
|----------------------------------|-----------------|
| Conservatives | 104082972962342 |
| Socialists | 103794206325342 |
| Liberals | 114494755234706 |
| Islamic politics | 109523995740640 |

Users' age

[/age/users-older/](#)

minimum age

Gender

[/males](#)

gets only males in your search

[/females](#)

gets only females in your search

Links

[Stalkscan.com](#)

[Peoplefindthor](#)

[Graph.tips](#)

[Inteltechniques](#)

[Netbootcamp](#)

[Whopostedwhat](#)

Sites that make people, demographic and information research with Facebook easy. Enter a username and generate urls to perform Graph searches.

Appendix

How to use Facebook Graph Search

Experienced researchers know that Facebook's search box has very limited and unpredictable functionality. However, there are tricks that can be used to squeeze a better search out of the world's most popular social network.

Graph Searching

By formulating a special web address, we can use Facebook's older "Graph" search and, with patience and imagination, we can use this to perform amazing searches.

These special search web addresses all begin with the prefix <https://www.facebook.com/search/> and are followed by a combination of ID numbers and special "search operator" commands.

There are two main styles of Graph searching Facebook; a search with ID numbers and a search with words (or "strings" in nerd-speak). Both have their strengths and weaknesses.

Searching with Facebook ID numbers

Searching with ID numbers is precise and will directly only on the person or page with a certain ID number. You can use sites like findmyfbid.com and lookup-id.com to look up the ID associated with a Facebook account or page.

For example, Mark Zuckerberg's Facebook page is <https://www.facebook.com/zuck>.



When we look up the ID number of Zuck we see that it is the number 4.

A graph search for places visited by Mark will use this Facebook ID number and the search operator "places-visited". The search web address will look like this.

<https://www.facebook.com/search/4/places-visited/>

Searching with strings

Searching with strings is less precise than using Facebook ID numbers, but more flexible ("fuzzy" in nerd-speak).

A search for places visited by *anyone* named Mark will use the code "str" followed by the name and will look like this:

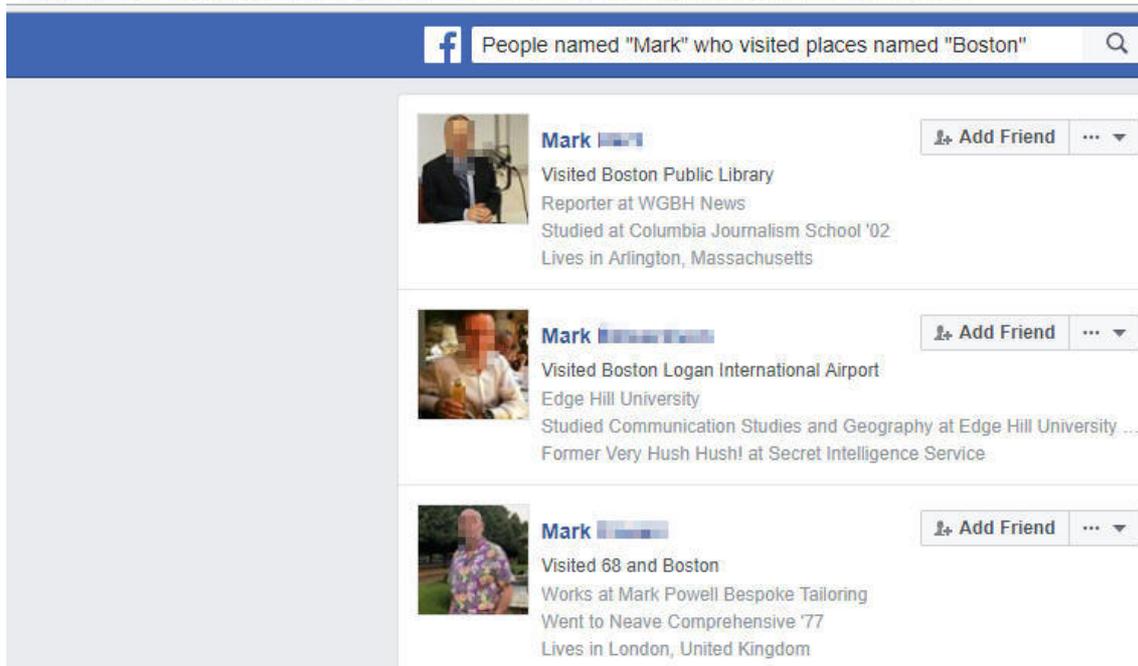
<https://www.facebook.com/search/str/mark/users-named/places-visited/>

Intersecting multiple searches

Sometimes you'll want to create cool tailored searches that meet your needs. These can include a combination of factors and involve multiple strings and ID numbers.

For example, we might want to find people named Mark who have visited Boston in Lincolnshire, UK. If we did this entirely with strings, [we might get Boston in Massachusetts](#), instead, as Facebook wouldn't know which Boston we wanted.

<https://www.facebook.com/search/str/mark/users-named/str/boston/places-named/visitors/intersect>

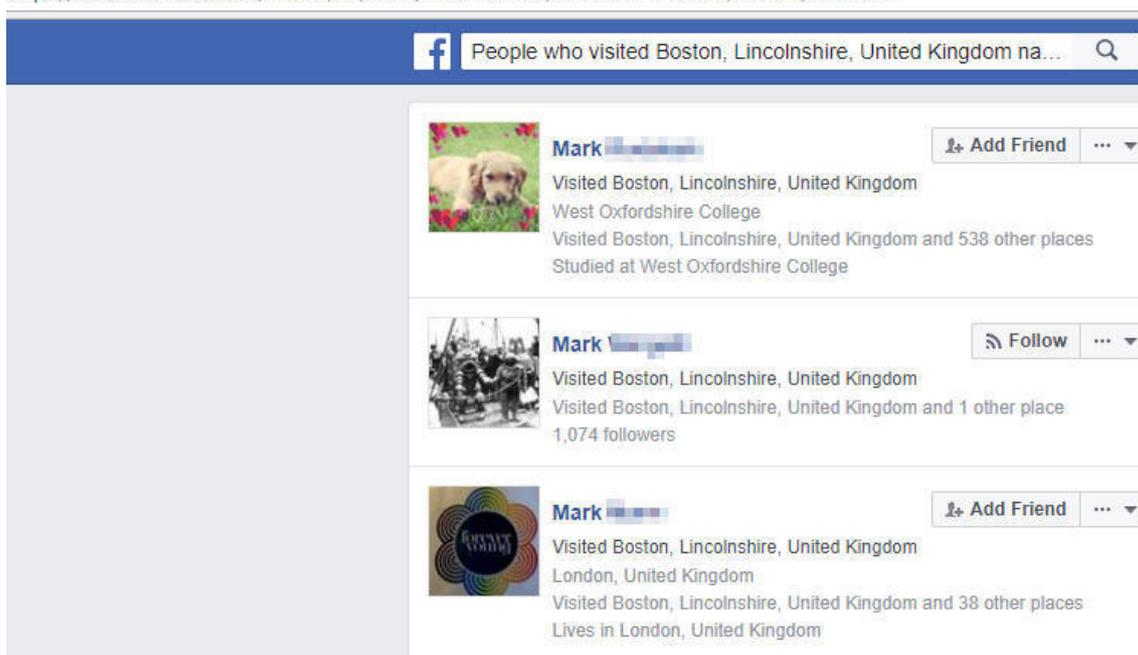


The screenshot shows a Facebook search interface with the search bar containing "People named 'Mark' who visited places named 'Boston'". Below the search bar, three user profiles are displayed:

- Mark [redacted]**: Visited Boston Public Library. Reporter at WGBH News. Studied at Columbia Journalism School '02. Lives in Arlington, Massachusetts. Buttons: Add Friend, ...
- Mark [redacted]**: Visited Boston Logan International Airport. Edge Hill University. Studied Communication Studies and Geography at Edge Hill University ... Former Very Hush Hush! at Secret Intelligence Service. Buttons: Add Friend, ...
- Mark [redacted]**: Visited 68 and Boston. Works at Mark Powell Bespoke Tailoring. Went to Neave Comprehensive '77. Lives in London, United Kingdom. Buttons: Add Friend, ...

If we added the Facebook ID number for the UK city, 106646729369602, we would get the Boston in England. The [search looks like this](#):

<https://www.facebook.com/search/str/mark/users-named/106646729369602/visitors/intersect>



The screenshot shows a Facebook search interface with the search bar containing "People who visited Boston, Lincolnshire, United Kingdom na...". Below the search bar, three user profiles are displayed:

- Mark [redacted]**: Visited Boston, Lincolnshire, United Kingdom. West Oxfordshire College. Visited Boston, Lincolnshire, United Kingdom and 538 other places. Studied at West Oxfordshire College. Buttons: Add Friend, ...
- Mark [redacted]**: Visited Boston, Lincolnshire, United Kingdom. Visited Boston, Lincolnshire, United Kingdom and 1 other place. 1,074 followers. Button: Follow, ...
- Mark [redacted]**: Visited Boston, Lincolnshire, United Kingdom. London, United Kingdom. Visited Boston, Lincolnshire, United Kingdom and 38 other places. Lives in London, United Kingdom. Buttons: Add Friend, ...

Remember to add **/intersect** to the end of combination searches.

Adding optional terms into a search

Using **/union** will allow you to add in option possibilities, for example [a search for people named Mark or Tony who have visited Boston](#).

<https://www.facebook.com/search/str/mark/users-named/str/tony/users-named/union/106646729369602/visitors/intersect>



People who visited Boston, Lincolnshire, United Kingdom an...

Mark [Profile Picture]
Visited Boston, Lincolnshire, United Kingdom
West Oxfordshire College
Visited Boston, Lincolnshire, United Kingdom and 538 other places
Worked at M&S Simply Dressage - Livery & Training with Mark Ruddoc...

Mark [Profile Picture]
Visited Boston, Lincolnshire, United Kingdom
Visited Boston, Lincolnshire, United Kingdom and 1 other place
1,074 followers

Tony [Profile Picture]
Visited Boston, Lincolnshire, United Kingdom
Founder at Angel Radio
Visited Boston, Lincolnshire, United Kingdom and 157 other places
Studied C&G Electrical Installation at Southend Technical College '72

I have compiled the above list of Facebook graph search operators. Sometimes they work, other times they are suspended. Please let me know if you discover more or need any training on how to use them.

**Paul Myers
July 2018**

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