

## DarkOwl Vision UI to Search API Field Map

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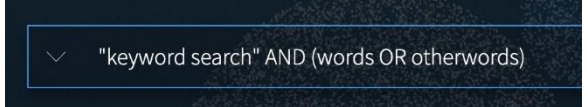
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### Search bar

Any text that goes directly into the search bar in the UI goes directly into the 'q' field. All keywords, Boolean operators, regex, etc. **Note: All API examples in this document are shown before URL encoding.**

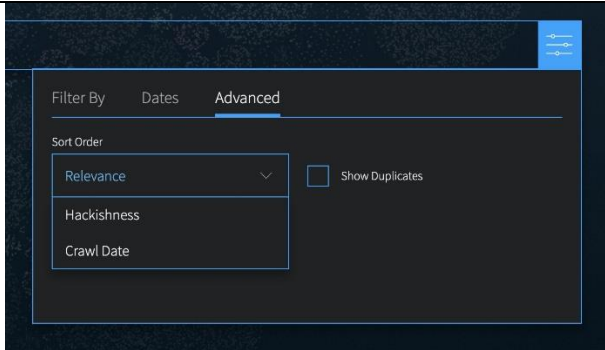
UI	API
Search Bar	'q'
	/api/v1/search?q="keyword search" AND (words OR otherwords)

Next page of results

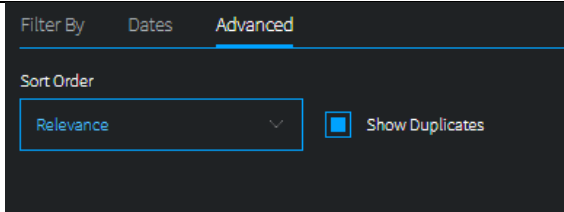
By default, a page in both UI and API are 20 results. To go to the next 'page' via API, do the exact same search but with offset=20 for the second page, offset=40 for the third, and so on.

UI	API
Next/Previous Page	'offset'

Sort options

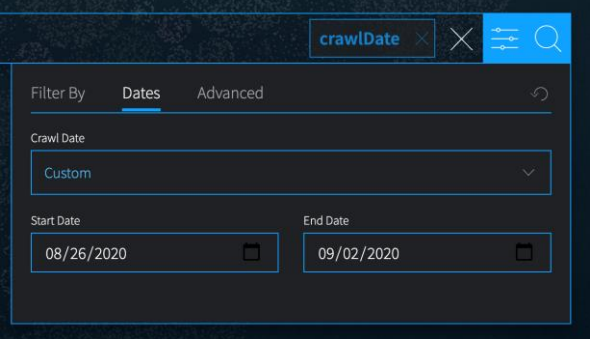
UI	API
Filters -> Advanced -> Sort	'sort'
	/api/v1/search?sort=r (Relevance) /api/v1/search?sort=d (Crawl Date) /api/v1/search?sort=h (Hackishness)

De-duplicate result sets

UI	API
Filters -> Advanced -> Show Duplicates Box checked - similar=true Box unchecked -similar=false	'similar'
	/api/v1/search?similar=true /api/v1/search?similar=false

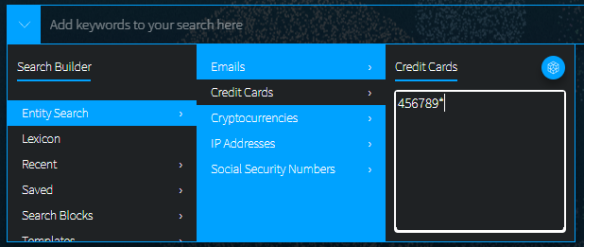
Using date parameters

Use 'to' and 'from' together to form a range, or just set 'from' to a period in the past (i.e. 6 hours) to find all documents found in the last 6 hours. Keep in mind that while crawl date in the UI is displayed in local time, the API parameters and crawlDate field returned are in UTC.

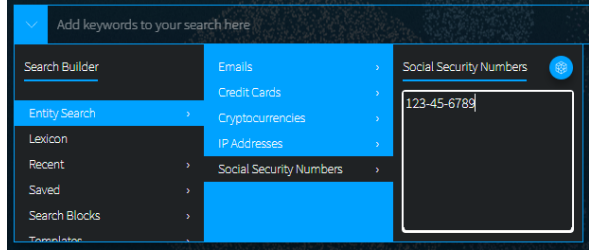
UI	API
Filters -> Dates	'to' and 'from'
	<pre data-bbox="776 516 1367 590">/api/v1/search?from=2020-08-26T00:00:00Z&amp;to=2020-09-02T00:00:00Z</pre>

Find credit card numbers in documents

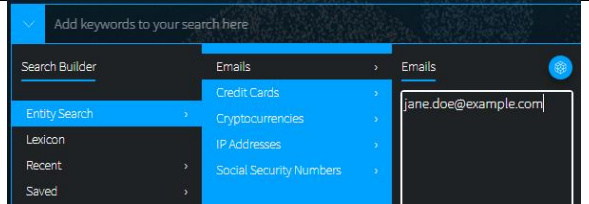
Full credit card number or BIN searching is available in both the UI and API. For full credit card numbers, type the number in the Credit Card search builder. For BIN searching (example below), type the BIN digits and a wildcard character (\*) in the Credit Card search builder.

UI	API
Search Builders -> Entity Search -> Credit Cards	'ccn'
	<pre data-bbox="776 1234 1195 1268">/api/v1/search?ccn=456789*</pre>

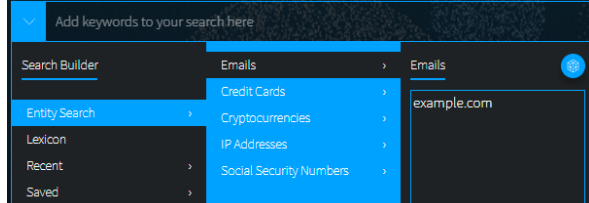
Find social security numbers in documents

UI	API
Search Builders -> Entity Search -> Social Security Numbers	'ssn'
	/api/v1/search?ssn=123-45-6789

Find email addresses in documents

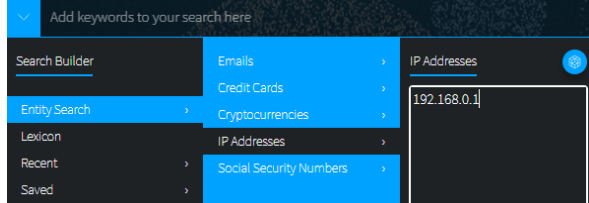
UI	API
Search Builders -> Entity Search -> Emails	'email'
	/api/v1/search?email=jane.doe@example.com

Finding all email addresses from a domain in documents

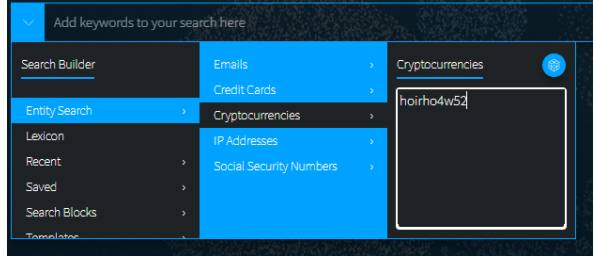
UI	API
Search Builders -> Entity Search -> Emails	'emailDomain'
	/api/v1/search?emailDomain=example.com

Find IP addresses in documents

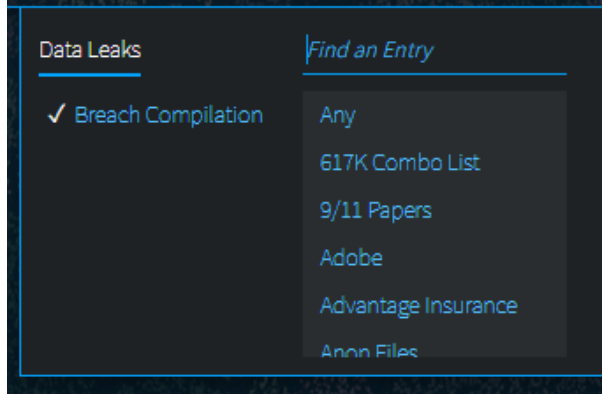
For API, you can use either the 'ipAddress' field or just use the q field.

UI	API
Search Builders -> Entity Search -> IPs	'ipAddress' or 'q'
	/api/v1/search?ip=192.168.0.1 /api/v1/search?q=192.168.0.1

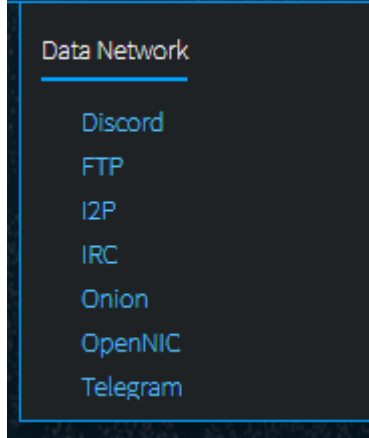
Find cryptocurrency addresses in documents

UI	API
Search Builders -> Entity Search -> Cryptocurrencies	'cryptoAddress'
	/api/v1/search?cryptoAddress=hoirho4w52

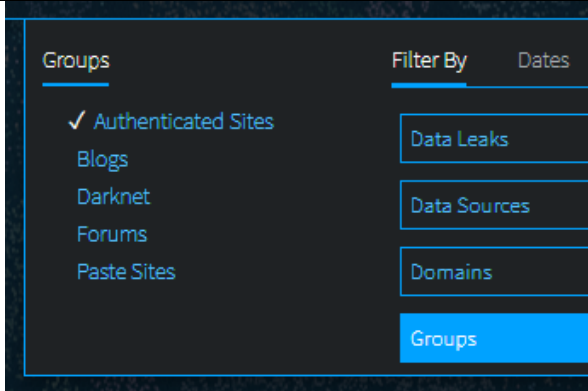
Filter to results from a data leak

UI	API
Filters -> Data Leaks	'leak'
	/api/v1/search?leak=breachcompilation  <a href="#">Value options located here</a>

Filter to results collection from a data network

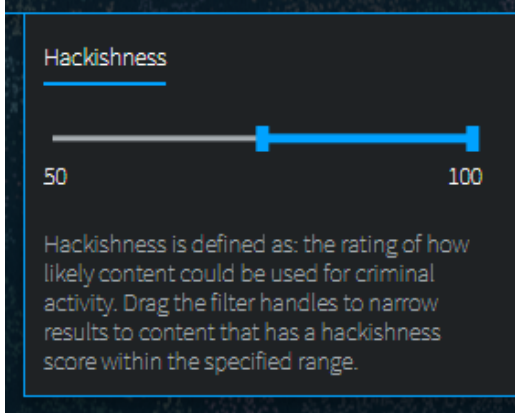
UI	API
Filters -> Data Network	'source'
	/api/v1/search?source=onion  Other source values are: discord, ftp, i2p, irc, onion, openNIC, telegram, zeronet

Filter to results classified as a particular group or type

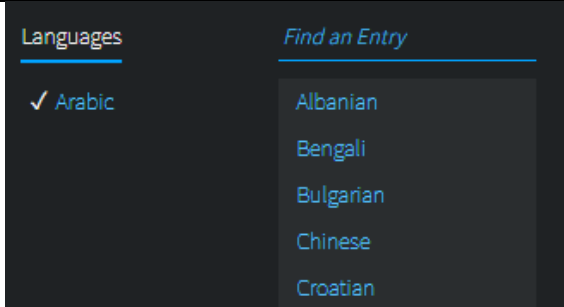
UI	API
Filters -> Groups	'group'
	<p>/api/v1/search?group=authenticated</p> <p>Other group values include:</p> <ul style="list-style-type: none"> <li>blogs</li> <li>chans</li> <li>darknets</li> <li>forums</li> <li>markets</li> <li>pastes</li> <li>ransomware</li> </ul>

Filter to results scored with Hackishness

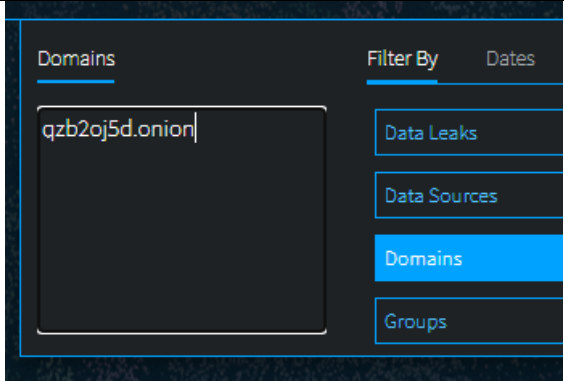
Hackishness in the UI is displayed as a percentage value, but it's really a floating point value between 0 and 1. Hackishness of "50%" in the UI is equivalent to 0.5 in the API.

UI	API
Filters -> Hackishness Range Slider	'hack_min' and 'hack_max'
	<p>/api/v1/search?hack_min=.15&amp;hack_max=.80</p>

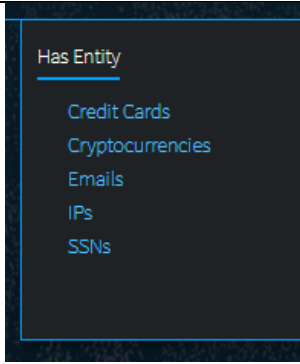
Filter to results in a certain language

UI	API
Filter by -> Language	'lang'
	<p>/api/v1/search?lang=Arabic</p> <p><a href="#">Value options located here</a></p>

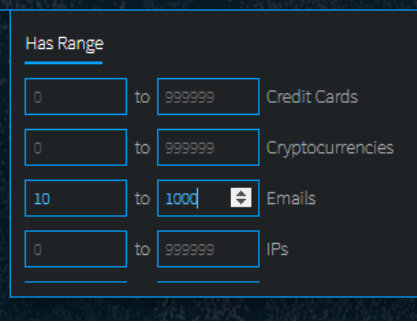
Filter to results that were collected from a particular domain

UI	API
Filters -> Domain	'domain'
	<p>/api/v1/search?domain=qzb2oj5d.onion</p>

Filter to results that have particular entities in them

UI	API
Filters -> Has Entity	'has'
	<p>/api/v1/search?has=email                  /api/v1/search?has=ssn                  /api/v1/search?has=ccn                  /api/v1/search?has=cryptocurrency                  /api/v1/search?has=ip</p>

Filter to results that have a certain number of entities in them

UI	API
Filters -> Has Range (Credit Cards) Filters -> Has Range (Emails) Filters -> Has Range (SSNs) Filters -> Has Range (IPs) Filters -> Has Range (Cryptocurrencies)	'cccn_min' and 'cccn_max' 'cemail_min' and 'cemail_max' 'cssn_min' and 'cssn_max' 'cip_min' and 'cip_max' 'ccrypto_min' and 'ccrypto_max'
	/api/v1/search?cemail_min=10&cemail_max=1000

Additional Response Options

The following API parameters can be used according to your preference. The DarkOwl Vision UI uses the following defaults:

- req (false)
- detail (full)
- count (20)
- highlight (true)
- empty (false)