Heureka Search Guide

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Search Features

There are two areas in which to perform text-based searching in the Heureka interface, Keyword and Query.

Advanced query is used to identify words or phrases on selected endpoint. Advanced queries are phrases or words surrounded by double quotes such as "equity derivative" or "failed investment". Specific search syntax is listed below.

Keyword functionality allows matching on exact (normally single) terms. Keywords do not use quotation marks (") or the operators of AND, OR ,NOT. Each individual line is automatically OR'd together by the system.

The Keyword and Query fields are AND'd together. This means that terms from both must occur in at least a single file for a document to be returned to the interface.

Search Criteria

Service
Endpoint:

Content
Keyword:

Advanced
Query:

File
File Name:
File Owner:
Hash:
Extension:

Date
Start Date:
End Date:

Quick Filters
Tags:
Deleted Files:

↺ Reset   ⊖ Cancel   🔍 Search

Search Phrase

A search phrase is a group of words surrounded by double quotes. Multiple terms can be combined with operators to form more complex queries. If you are looking for specific terms or words, you can use the keyword area (details below).

Search Phrase Rules

ℹ **Multiple terms in a search phrase <u>must</u> be surrounded by double quotes (").**

The OR operator is the default conjunction operator. If there is no specified operator between two terms, the OR operator is used. Example: equity derivative = all docs with equity OR derivative. "equity derivative" = all docs with the term "equity derivative".

Examples

Operators AND, OR

Heureka supports operators in the phrase search area. Operators must be in ALL CAPS.

Search	Returns documents with…
"fortune"	The word fortune
"fortune" AND "magazine"	The words fortune and magazine
fortune magazine	Remember, the default operator is OR. Therefore, this search returns all documents containing the word fortune OR magazine
"fortune" OR "magazine"	The word fortune or the word magazine
"fortune magazine"	The exact phrase fortune magazine
"fortune" NOT "magazine"	The word fortune and not the word magazine
"money" AND (fortune OR magazine)	The word money and the word fortune OR the word money and the word magazine

Operator NOT

The NOT operator excludes documents that contain the term(s) after NOT.

Search	Returns documents with…
"fortune magazine" NOT "money magazine"	Explicit term fortune magazine and none with explicit term money magazine

*Note: The NOT operator cannot be used with just one term. Example: NOT "fortune magazine" will yield no results.

Wildcard Search

Heureka supports single and multiple character wildcard searches within single terms.

To perform a single character wildcard use the "?" symbol

To perform a multiple character wildcard use the "*" symbol

Search	Returns documents with…
te?t	Words such as test, text
test*	Words such as tested, tester, tests
te*t	Words such as test, text

NOTE: Heureka does not support leading wildcards. So, you may not start a query with a "?" or "*" character

Email or Web Addresses using the At (@) Sign

The at sign (@) can be used in phrase searching if it is enclosed within double quotation marks. If searching for an email or web address simply type the following: "name@webaddress.com"

Search	Returns documents with…
"johndoe@gmail.com"	johndoe@gmail.com address

Grouping

Heureka supports using parentheses to group clauses to form a sub query.

Search	Returns documents with…
(fortune OR money) AND magazine	The word fortune or money and magazine

Proximity Searching

Heureka supports finding words with a specific distance of one another. Use the "~" character at the end of the phrase"

Search	Returns documents with…
"fortune magazine"~10	The words fortune and magazine within 10 words of each other
"(termination agreement) (john doe)"~10	The words "termination agreement" and "john doe" within 10 words of each other

Stop Words

There are certain words that are not indexed into the Lucene database. These words are known as "stop words" and are essentially skipped over by the indexer. Including stop words in your search may yield unpredictable results so it is best to treat a stop word as a blank space. For example: Department of the Navy is indexed as "department navy" in Lucene. A workaround for finding keywords that include stop words is to use the proximity search.

ⓘ   **Hit highlighting will not occur when stop words are included in your search criteria.**

Desired Search	Proximity Workaround example
Department of the Navy	"department navy"~3

The following are considered stop words:

a, an, and, are, as, at, be, but, by, for, if, in, into, is, it, no, not, of, on, or, such, that, the, their, then, there, these, they, this, to, was, will, with

Escaping Characters

Heureka's phrase search supports escaping special characters that are part of the query.

ⓘ   **Escaping character searches must be in quotes (") within the phrase search area in order for results to be returned.**

The current list of escaping characters is:

+ - && || ! ( ) { } [ ] ^ " ~ * ? : \ /

You may escape these characters by using a "\" before the character.

Case Sensitivity

The Lucene index is not case sensitive and indexes content in lower case. You may use upper-case letters; however, it will not change the total count of your results.

Keyword Searching

Keyword searching gives you the ability to search for exact matches within your documents. It no longer includes the ability to use operator functions such as AND/OR as that has been moved to the Search Phrase area.
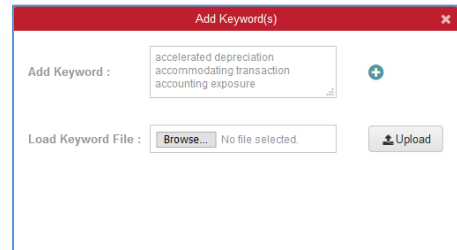
ⓘ **Quotation marks are no long required for search terms.**
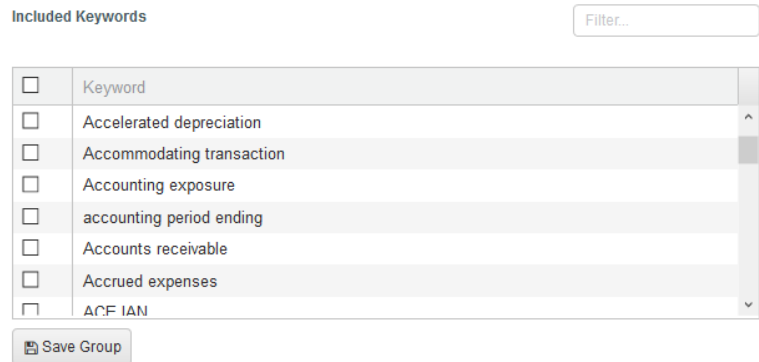
Adding Keywords

You may add keywords to a group by selecting the "Add Keyword(s)" button in the lower right corner.

Keywords can be input into the "Add Keyword" text box. When you are finished entering keywords click the "+" button and the keywords will be added to your "Included Keywords" search box.

ⓘ **Each line is "OR'd" together in keywords**

You may import lists of keywords using the "Browse" button. Simply point your system to a text file containing keywords and then select the "Upload" button. Your keywords will be imported and added to your "Included Keywords" search box.

Keyword Rules

- Stop words will not be hit highlighted
- Avoid using special characters including: + - & | ! ( ) { } [ ] ^ " ~ * ? : \ /
- Operators AND, OR, NOT are not supported
- Proximity searches are not supported
- Each individual keyword line is OR'd together