Attention Tools: Query Reference

JRNL 3610
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Online News (via Media Cloud)

Using Boolean Operators
Remember "order of operations"? Parentheses group clauses together. AND and OR create clauses.
Example: (church **OR** faith) **AND** (lesbian **OR** gay **OR** LGTBQ)

Finding Phrases
Use quotes to look for multiple words used together.
Example: **"mass incarceration"**

Word Stems
Match multiple conjugations/versions of a word. This will match "learn", "learner", "learning", etc.
Example: learn*

Negations
Find stories that don't contain certain words that are messing up your results
Example: faith **NOT** "Faith Hill"

Proximity
Find sets of words that appear close to each other. This will find them within 100 words of each other.
Example: "girl education" ~100

Cable News (via Stanford TV News Analyzer)

- Normalize to a percentage of screen time: `query1 NORMALIZE query2`
  - Useful for comparison between things
- Inflections shortcut: `text="[truck]"` will find instances of "truck", "trucks", and "trucking".
  - Not quite the same as stems
- Finding words near each other: `text="United & Airlines & 737 MAX".`
  - Those three phrases within 15 seconds of each other (by default
- Synonyms: `text="European Union | EU | E.U."`
  - Use | for alternate versinos of the same phrase. Use & for different words/phrases near each other
- Negations: `text="United \ States \ Kingdom"`
  - "United" NOT near to "States" NOR "Kingdom"
- Reference: https://tvnews.stanford.edu/docs

Reddit Submissions (on Glimpse tool via Pushshift.io)

- Supports all of reddit
- Filters for submissions between the start and end date
- Searches within submission titles and text
- Keywords search syntax:
    - Use "+" to find submissions with all of a set of phrases (AND)
        - massachusetts+religion
    - Use "|" to find submissions with one of a set of phrases (OR)
        - massachusetts|ma
    - Use "-" to find submissions with one phrase and not another (NOT)
        - shooting-basketball
    - Use double quotes to find exact phrases
        - "mass shooting"
    - Use parentheses to build up more complicated queries
        - ((massachusetts|ma)+(religion|faith))-(moma|"good faith")
    - Reference

Tweets (on Glimpse tool via official academic API)

- Supports historical Twitter search
- Filters for submissions between the start and end date
- Attention chart only shows 30 days before end date
- Keywords search syntax:
  - Defaults to AND: "Massachusetts religion"
  - Use OR for either: "massachusetts or ma"
  - Use - for negations: "shooting -basketball"
  - Hashtags work normally: "#soccer"
  - Double quotes to find exact phrases - "mass shooting"
  - [reference](#)

YouTube videos (on Glimpse tool via official API)

- Support full historical search
- Filters for videos posted between start and end date
- No attention information (just total count and sample videos)
- Keywords search syntax:
  - Defaults to AND: "Massachusetts religion"
  - Use | for either: "massachusetts|ma"
  - Use - for negations: "shooting -basketball"
  - Can combine things: "massachusetts|ma -moma"
- [Reference] ⟶

string
The q parameter specifies the query term to search for.

Your request can also use the Boolean NOT (–) and OR (|) operators to exclude videos or to find videos that are associated with one of several search terms. For example, to search for videos matching either "boating" or "sailing", set the q parameter value to `boating|sailing`. Similarly, to search for videos matching either "boating" or "sailing" but not "fishing", set the q parameter value to `boating|sailing -fishing`. Note that the pipe character must be URL-escaped when it is sent in your API request. The URL-escaped value for the pipe character is %7C.