Github Search Syntax Cheat Sheet

by Clint Priest (cpriest) via cheatography.com/4520/cs/18974/

Search Syntax

Operators	Notes
`<, <=, >, >=`	Value comparisons
`n..*, *..n, n..n`	Range comparisons
`NOT QUALIFIER` `-QUALIFIER`	Exclude the *qualifier*
"double-quotes"	Surrounds white-space phrases

All query inputs are ANDed together, so "`cats dogs`" as the search input would match anywhere in the title, body or comment which had both "cats" AND "dogs" in the match.

Dates follow ISO8601 such as (year-month-day)

Links

- ☐ About searching on GitHub
- ☐ Understanding the search syntax
- ☐ Searching on GitHub
- ☐ Sarching Code
- ☐ Searching for Repositories
- ☐ YYYYYY

Limit Results (General)

Prefix	Qualifier
`is:, type:`	`pr, issue, public, private`
`in:`	`title, body, comments, name, descri ption, readm e`
`user:, org:`	`NAME, @me`
`repo:`	*`USER/REPO`*
`author:`	*`USER`*`, app/`*`name`*`, @me`
`language:`	*`LANG`*
`no:`	`label, milestone, assignee, project`
`size:`	size of [target] matches range qualifier
`followers:` `forks:` `stars:` `topics:`	[target] matches range qualifier
`topic:`	*matches* [targets] which have the `topic`

Code Search

Qualifier	Searches files...
`path:`*`DIRECTORY`*	with `DIRECTORY` in the file path
`language:`*`LANGUAGE`*	which are of *`LANGUAGE`*, see languages
`size:`*`n`*	which match the *`n`* range qualifier
`filename:`*`FILENAME`*	which match *`FILENAME`*
`extension:`*`EXTENSION`*	which match *`EXTENSION`*

Examples

`octocat filena me: readme path:/` matches *readme* files with the word **octocat** that are *located at the root level* of a repository.

`form path:c gi-bin langua ge:perl` *matches* **Perl files** *with the word* **form** *in a* **cgi-bin directory**, or in **any** of its **subdirectories**

`Hello langua ge: mar kdown -filen ame :readme` *matches* **Markdown** files *with the word* **Hello** *excluding* files named **readme**



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