ELEMENTS
JQL Cheat Sheet

Rules

A classic query in JQL (also known as a 'clause') consists of a field, followed by an operator, followed by one or more values or functions.

Field
Fields are different types of information in the system. fixVersion, issue type, date created, etc.

Operator
Operators are the heart of the query. They relate the field to the value. equals (=), not equals (!=), less than (<), etc.

Function
A function performs a calculation on either specific Jira data or the function's content.

Keyword
Keywords are specific words in the language that have special meaning.

Fields

Jira Software

Assignee	Attachments	Category
Comment	Component	Component
Created	Creator	Description
Due	Environment	Epic link
Filter	Fix version	Issue key
Issue link type	Labels	Last viewed
Level	Parent	Priority
Project	Reporter	Resolution
Resolved	Sprint	Status
Summary	Text	Type
Updated	Voter	Watcher

JSD Specific

Approvals	Customer Request Type	Request channel type
Request last activity time	SLA	

Keywords

AND	Combine multiple clauses
OR	Choice between multiple clauses
NOT	Negate a clause or JQL query
EMPTY , NULL	Field without a value
ORDER BY	Specify the sorting order

Operators

= , !=	equals, not equals
> , >=	(strictly) greater than
< , <=	(strictly) lesser than
~ , !~	contains, do not contain
changed	field value has been changed before
is, is not	field has no value (only with EMPTY or NULL)
was, was not	field has or had the specified value. Only works with Assignee, Fix Version, Priority, Repoter, Resolution and Status fields
was in, was not in	field has or had any of multiple specified values
in, not in	field is one of multiple specified value

Functions

User	Issue	Time
currentUser()	linkedIssues()	now()
membersOf()	latestReleasedVersion()	remaining()
votedIssues()	releasedVersions()	futureSprints()
projectsLeadByUser()	unreleasedVersions()	issueHistory()
componentsLeadByUser()	openSprints()	startOfDay/Week/Month/Year()
updatedBy()	standardIssueTypes()	endOfDay/Week/Month/Year()
watchedIssues()	subtaskIssueTypes()	elapsed() *JSD only
projectsWhereUserHasRole()	completed() *JSD only	paused() *JSD only
pendingBy() *JSD only	myApproval() *JSD only	running() *JSD only
approver() *JSD only	breached() *JSD only	pending() *JSD only

Note: For time range you can either use the standard date format "yyyy-MM-dd", for example updated < "2020/09/16".
Or use "w" (weeks), "d" (days), "h" (hours) or "m" (minutes) to specify a date relative to the current time, for example: updated < "-2".

Advanced search

Wildcard searches
To do a single character wildcard search, use the "?" symbol.
To do a multiple character wildcard search, use the "*" symbol.
Wildcard characters need to be enclosed in quote-marks. E.g. summary ~ "cha?k"

Fuzzy searches
To do a fuzzy search, use the "~" symbol at the end of a single word term.

Proximity searches
To do a proximity search, use the "~", symbol at the end of a phrase.