

JQL Cheat Sheet

A simple query in JQL (also known as a “clause”) consists of a **field**, followed by an **operator**, followed by one or more **values** or **functions**. For example:

```

    ✓ project = Test
      field operator value
  
```

To perform a more complex query, you can link clauses together with **keywords**.

```

    ✓ project = TEST AND assignee in (currentuser())
      field operator value keyword field operator function
  
```



Fields

Assignee	Epic link	Resolved
Affected version	Filter	Sprint
Attachments	Fix version	Status
Comment	Issue key	Summary
Component	Labels	Text
Created	Last viewed	Time spent
Creator	Priority	Voter
Description	Project	Watcher
Due	Reporter	custom field

Operators

=	!=
>	<
>=	<=
~	!~
in	not in
is	is not
was	was not
was in	was not in
changed	

Functions

Time	People	Issue
startOfDay/Week/Month/Year	currentUser()	issueHistory()
endOfDay/Week/Month/Year	membersOf()	openSprints()
lastLogin()		watchedIssues()
now()		myApproval()
currentLogin()		myPending()

Example query

```

    ✓ created > startOfWeek() and assignee = currentUser() and (status = Open or (status = Reopened and priority in (High,Highest)))
  
```

Reserved characters & words

space (" ")	/	a, and, are, as, at, be, but, by, for, if, in, into, is,
+	%	it, no, not, of, on, or, s, such, t, that, the, their,
.	^	then, there, these, they, this, to, was, will, with
,	\$	
;	#	
?	@	
	[
*]	

When using these common characters or words in queries, you need to:

1. Surround them with quote-marks. You can use either single quote-marks (') or double quote-marks (")
eg. text ~ "encoding"
2. If you are searching a text field and the character is on the list of reserved characters or words, precede them with two backslashes \\
eg. text ~ "\\Atlassian jira"~10'

Term modifiers

Wildcard search Replace single character with ? e.g. te?t	Fuzzy search Add ~ to the end of a single term e.g. roam~
Replace multiple characters with * e.g. win*	Boost term Add ^ with a boost factor (a number) to the end of a search term e.g. atlassian^4 jira
Proximity search Add ~ and a number to the end of a phrase in quotes e.g. text ~ "Atlassian jira"~10'	

Word stemming

Field Add ~ to the beginning of a single term e.g. ~customize
--

Example query

```

    ✓ text ~ "lost grn~ luggage" and text ~ "mars shuttle"~5' and passengerNumber ~ '451???' and project in ("Teams in Space")
  
```

