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
```

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

```
project = TEST AND assignee in (currentUser())
```

### Fields
- **Assignee**
- **Affected version**
- **Attachments**
- **Comment**
- **Component**
- **Created**
- **Creator**
- **Description**
- **Due**
- **Epic link**
- **Filter**
- **Fix version**
- **Issue key**
- **Labels**
- **Last viewed**
- **Priority**
- **Project**
- **Reporter**
- **Resolution**
- **Sprint**
- **Status**
- **Summary**
- **Text**
- **Time spent**
- **Voter**
- **Watcher**
- **custom fields**

### Operators
- `=`  
- `>` 
- `<` 
- `>=` 
- `<=` 
- `!=` 
- `<>` 
- `>=` 
- `<=` 
- `!~` 
- `not in` 
- `is not` 
- `was` 
- `was in` 
- `is` 
- `in` 
- `was not` 
- `was not in` 
- `changed`

### Functions
- `time()` 
- `issueHistory()` 
- `openPrints()` 
- `watchedIssues()` 
- `myApprovals()` 
- `myPending()`

### Reserved characters & words
- `\`
- `&`
- `words`
- `=`
- `>`
- `<`
- `>=`
- `<=`
- `!=`
- `<~`
- `not in`
- `is not`
- `was`
- `was in`
- `is`
- `in`
- `was not`
- `was not in`
- `changed`

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 (\):

```
field ~ "custom\end"
```

### Term modifiers
- **Wildcard search**
  - Replace single character with ?
  - Replace multiple characters with *

- **Fuzzy search**
  - Add ~ to the end of a single term
  - Add + with a boost factor (a number) to the end of a search term

- **Boost term**

### Word stemming
- **Field**
  - Add ^ to the beginning of a single term
  - Add ~ to the beginning of a single term

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

When you use common characters or words in a query, 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 (\):

```
field ~ "custom\end"
```