


# CQL REST API

## Overview

The Comala Document Management app provides several new CQL fields that can be used to filter search results using Confluence Search REST API.

 Confluence CQL-enabled search requires Confluence 5.9 or above

## CQL Fields

The following workflow-related search fields are available if you are using Confluence 5.9 or above:

| Filter Name                       | CQL Field        | Type | Notes  | Ver   |
|-----------------------------------|------------------|------|--|-------|
| <b>Has Workflow</b>               | awphasworkflow   | TEXT | Filter to content which has a workflow applied<br>Use <code>true</code> as the text value.                       | 5.1   |
| <b>Workflow Approval Assignee</b> | approvalassignee | USER | Filter by assigned <a href="#">reviewer</a><br>See also: <a href="#">Assigning reviewers</a>                     | 4.12+ |
| <b>Workflow Approver</b>          | approver         | USER | Filter by user who approved content during a <a href="#">review</a><br>See also: <a href="#">Content reviews</a> | 4.12+ |
| <b>Workflow State</b>             | state            | TEXT | Filter by current workflow <a href="#">State</a>   | 4.10+ |
| <b>Workflow State Change</b>      | statechange      | DATE | Filter by date of last workflow <a href="#">state Transition</a>   | 4.11+ |
| <b>Workflow State Expiry</b>      | stateexpiry      | DATE | Filter by current workflow <a href="#">state Expiry Date</a><br>See also: <a href="#">State expiry date</a>      | 4.11+ |
| <b>Workflow Task Assignee</b>     | taskassignee     | USER | Filter by workflow <a href="#">Task</a> assignee<br>See also: <a href="#">Assign a task</a>                      | 5.1   |
| <b>Workflow Name</b>              | workflowname     | TEXT | Filter by workflow name  | 6.0   |
| <b>Read Confirmation Status</b>   | readAckStatus    | TEXT | Filter by the read confirmation status.<br>Possible values: <b>pending</b> , <b>acknowledge</b> , <b>overdue</b> | 6.0   |

These fields can be used in Confluence Search, any macros that support CQL and the CQL REST API.

## CQL Field Search Example

To search for content where the current state is "Draft" (`state=Draft`), the REST API URL would look like:

```
http://<confluence_url>/rest/api/content/search?qql=state=Draft
```

## Content Properties

Comala Document Management uses JSON Content Properties to store and keep track of workflows data and support the new reporting utilities (for version 6.0 and later).

Workflow information is available as an [API expansion point](#) using `metadata.properties.comalaworkflows`

Not all values provided in the current implementation may be supported in future updates but the following core values are unlikely to change.

| Name               |
|--------------------|
| workflowName       |
| currentState       |
| currentStateColour |
| currentStateStart  |

## See also

### Reporting Guide

- [Confluence Search](#)
- [Content by Label macro](#)
- [Page Properties Report macro](#)

### External Links

- [Content Properties in the REST API](#)
- [Advanced Searching Using CQL](#)
- [CQL Field Reference](#)
- [CQL Function Reference](#)
- [CQL Keywords Reference](#)
- [CQL Operators Reference](#)
- [Performing Text Searches with CQL](#)