

# Parsing modes

A **parsing mode** determines **how** the JWT for Jira Cloud expression parser interprets an expression. The **available** parsing modes depend on the **context** in which you use the expression.



## Available parsing modes

Title	Short description	Supported elements	Output
General mode	Compose <b>free text</b> using <b>field codes</b> and JWT <b>expression parser functions</b> .	Field codes  JWT expression parser functions	TEXT
Logical mode	Compose <b>logical expressions</b> using <b>field codes</b> and JWT expression parser <b>functions</b> .	Field codes  JWT expression parser functions	BOOLEAN
Jira expression mode	Language designed by Atlassian to work with Jira entities.	Field codes	MULTIPLE

## Comments

**Comments can be added to all parsing modes.** They serve as internal documentation for the expression and are ignored when evaluating the expression.

Parsing mode	Syntax	Examples
General	Only available when using expressions enclosed by % {}.  Starts with # and ends either at the end of the line or if the expression is closed by }	<div>List of issue keys for %{issue.key #choose an issue} is: %{subtasks() # and show all sub-tasks}</div> <div>%{# This example simply returns the number of linked issues using a JWT expression  %{issue.links.length}}</div>

Logical	It starts with # and ends at the end of the line	<pre>%{issue.key} = "PRJ-42" # simple comparison with issue key</pre> <pre># This example simply returns the number of linked issues using a JWT expression</pre> <pre>%{issue.links.length}</pre>
Jira expression	It starts with // and ends with the end of the line	<pre>issue.key == 'PRJ-42' // simple comparison with issue key</pre>

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If you still have questions, feel free to refer to our [support](#) team.