

Validation based on JQL query

This validator is used for **blocking** a transition depending on the result of a **JQL query**.



Configuration

JQL

Enter a JQL query using the [JQL mode](#) of the expression editor. The current issue will be matched against the **result set** of the query.

It is very common to use field codes inside the JQL query.

Validation

Define **how** the issue should be compared against the result set of the JQL query. You have the following options:

| Option | Description |
|---|--|
| Current issue belongs to the output of the query | The condition is passed , if the current issue is part of the result set of the JQL query. |
| Current issue doesn't belong to the output of the query | The condition is passed , if the current issue is not part of the result set of the JQL query. |
| Number of issues returned by the JQL query satisfies a logical expression | Define a logical expression in Logical mode which must return true or false . <div style="background-color: #f0f0f0; padding: 5px; border: 1px solid #ccc;">The number of issues returned by the query is stored in the Temporary number field 1. This is why this value is automatically added to your logical expression.</div> |

Example for a logical expression

| JQL query | Expression | Description |
|--|--|---|
| <pre>project = %{issue.project.key} and type = Bug and resolution is empty</pre> | <pre>{issue. temporaryNumber 1} < 5</pre> | The validator will pass , if there are less than 5 unresolved Bugs in the current issue's project . |

Validation options

The validation can be **skipped** under certain circumstances. Select **one** or **multiple scenarios** in which you want to **skip** the **validation** to ensure the correct execution of certain operations.

| Option | Description |
|---|--|
| Skip validation for JWT post functions | If the transition is triggered by a JWT post function , e.g. through Transition issue , the validation will be skipped. |
| Skip validation for bulk operations | If the transition is triggered by a bulk operation , the validation will be skipped. |
| Skip validation for clone operations | If the create transition is triggered by a clone operation , the validation will be skipped. |
| Skip validation for mail handlers | If the create transition is triggered by a mail handler , the validation will be skipped. |

Error message

You can **optionally** define a custom error message in case the validator **fails**, which will be shown to the user trying to execute the transition.

You have the following options:

Location

Define **where** the error message should be displayed. By default, the message will be shown at the **top** of the transition screen, or in case there is no transition screen, as a **popup**.

Alternatively, you can locate the message below any other field. This option **only makes sense**, if there is a **transition screen** defined for the specific transition.

Due to **limitations in Jira Service Management**, the location parameter will be **ignored** on Jira Service Management related screens. The location parameter **only** works for the **Create Issue** transition screen if **JSD version 4.10** or higher is being used.

Message

Define the content of the error message in [Basic text mode](#) or [Advanced text mode](#).

Learn more about the possibilities of the [JWT expression editor](#).

In comparison to e.g. our [calculated custom fields](#) it is **not possible to display HTML** here. Displaying links to specific issues, for example, is not possible inside the error message.

Translations

After clicking on the **Add translation** button you can **optionally** translate the error message to other languages.

The language in which the error message will be displayed depends on the **language setting** of the individual **users**.

Run as

Select which **user** will be used to execute the **JQL query**.

All **permission** and **security level** restrictions are being **respected**.

Only issues that the **specified user** can **access** will be **returned** by the JQL query.

If you want to use this functionality in a **condition** instead, have a look at the following condition: [Condition based on JQL query](#)



Use cases and examples

Use case

JWT
feature

Workflow function

Parser
functions

Label

| | | | |
|---|--|---|-------------------|
| Prevent creation of issues with a duplicate summary |  | Validation based on JQL query | |
| Prevent issue creation with the same field value |  | Validation based on JQL query Logical validator | STAFF PICK |
| Assignee may only have a restricted number of assigned issues |   | Condition based on JQL query Validation based on JQL query | |

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