

Block an Epic's transition depending on linked issues status and due date

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Use case

Allow a certain transition in **Epic's workflow** to be executed, only if all its tasks are **unresolved** and have a **due date** set.



Configuration

1

Add the [Logical validator](#) to the desired workflow transition.

2

Expression

Add the following expression:

```
count(filterByPredicate(linkedIssues("is Epic of"), %{function.issue.resolution} != null AND {function.issue.dueDate} != null)) = 0
```



Screenshots

[Update parameters of the 'Logical validator' Validator for this transition.](#)

Update parameters of the 'Logical validator' Validator for this transition.

Basic configuration *

Define the required parameters for this validator.

Expression *

✓

Logical

Add field

Examples

▶

?

```
1 count(filterByPredicate(linkedIssues("is Epic of"),
  %{function.issue.resolution} != null AND {function.issue.dueDate} !=
  null)) = 0
```

[Line 1 / Col 0] Try your expression

The expression must return **true** or **false**. The condition is met if the **logical expression** returns **true**.

> [Validation options](#)

> [Error message](#)

Logical validator

[Documentation](#)



Evaluate a logical expression that returns true or false - a most universal and powerful function to compare field values across any kind of issue relation, count sub-tasks or links.




















Workflow












JWT 3.0.0 Use cases



Related use cases



| Use case | JWT feature | Workflow function | Parser functions | Label |
|--|--|--|--|------------|
| Block an Epic's transition depending on linked issues status and due date |   | Logical validator Logical condition | count() filterByPredicate() linkedIssues() | |
| Block an Epic's transition until all the issues under that Epic are resolved |  | Logical validator Logical condition | count() issuesUnderEpic() filterByResolution() | |
| Block a transition until all sub-tasks have certain fields populated |   | Logical validator Logical condition | count() filterByPredicate() subtasks() | STAFF PICK |
| Ensure that all issues linked with a certain issue link type have "Due Date" field set |   | Logical validator Logical condition | count() linkedIssues() fieldValue() | |
| Ensure that an issue has at least one attachment |  | Logical validator Logical condition | | STAFF PICK |
| Evaluate Assets objects |   | Logical validator Logical condition | findPattern() findReplaceAll() replaceAll() toStringList() | |
| Halt a transition if an element is not contained in a list |   | Logical validator Logical condition | toStringList() | |
| Hide transition to a previous status |  | Logical condition | | |
| Make "Time spent" field required |  | Logical validator | | |
| Prevent a closed issue from being reopened after resting 1 week closed |   | Logical validator Logical condition | isInRole() | |
| Prevent a transition depending of the number of components |   | Logical validator Logical condition | numberOfSelectedItems() | |
| Prevent external users from creating issues |  | Logical validator | matches() toString() textOnStringList() toStringList() userDisplayName() | |

| | | | | |
|--|--|--|---|------------|
| Prevent issue creation if description contains less than 100 characters |  | Logical validator | <code>replaceAll() length()</code> | |
| Prevent issue creation with the same field value (Boolean) |  | Logical validator Validation based on JQL query | <code>count()</code> <code>issuesFromJQL()</code> | |
| Prevent setting due dates outside business hours |  | Logical validator Logical condition | <code>withinCalendar()</code> | STAFF PICK |
| Prevent the creation of sub-tasks unless the parent issue is in a certain status |  | Logical validator | | |
| Reject duplicated file names in attachments |   | Logical validator Logical condition | <code>count()</code> <code>toStringList()</code> <code>distinct()</code> | |
| Restrict issue creation per issue type and project role |  | Logical validator | <code>isInRole()</code> | |
| Set a condition in a global transition which only applies in a certain status |  | Logical condition | | |
| Validate a Select List (cascading) custom field |  | Logical validator Logical condition | | |
| Validate only issue links created in transition screen |  | Logical validator | <code>count()</code> <code>transitionLinkedIssues()</code> <code>filterByProject()</code> <code>filterByIssueType()</code> | |
| Validation based on the value of a date type project property |  | Logical validator Logical condition | <code>stringToDate()</code> <code>projectProperty()</code> | |

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