

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

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Features used to implement the example

- [Boolean validator with math, date-time or text-string terms](#)

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

I have a task: Epic and Task. linked to the Epic to continue in a transition in the epic task, there is a validation: Only linked tasks containing: "**Due date**" filled and only jobs that are not **closed** (only open tasks and progress or other status).

Let us suppose that you want to allow a certain transition in **Epic's workflow** to be executed, only if **all its tasks** are **unresolved** and have **Due Date set**. In this case you can use the following boolean expression:

```
count(filterByPredicate(linkedIssues("is Epic of"), ^{00028} != null OR ^{00012} = null)) = 0
```

Note that:

- `^{00028}` is field code for "**Resolution**" in foreign issues
- `^{00012}` is code for numeric value of "**Due Date**" in foreign issues

There are many other possible boolean expressions, and also [Validation on linked issues](#) can be used.

Other variation of the usage example

When I own two tasks (type:"**Demand**") which must contain (compulsorily) the "**Due date**" field. This validation must be when all of the tasks of type: "**Demand**" having the field "**Due date**" filled.

The following validation is exactly the same as before, but only applies to "**Demand**" issues, i.e., issue types different from "**Demand**" does not have any requirement on Status or "**Due Date**":

```
count(filterByPredicate(linkedIssues("is Epic of"), ^{00014} = "Demand" AND (^{00028} != null OR ^{00012} = null))) = 0
```

This other validation is similar to the previous one, but restriction on Status applies to all issue types, while restriction on "**Due date**" only applies to "**Demand**" issues:

```
count(filterByPredicate(linkedIssues("is Epic of"), ^{00028} != null OR ^{00014} = "Demand" AND ^{00012} = null)) = 0
```

Note that:

- `^{00014}` is field code for "**Issue type**" in foreign issues
- The name of the issue type must be written exactly as it is, i.e., "**Demand**" should be the exact name of the issue type, respecting also the case

Other examples of that function

Related Usage Examples

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Page: Block or hide a transition for an issue depending on its issue links

Page: Block or unblock a transition after an issue rested a specific time in a status

Page: Block transition until all sub-tasks are in a specific status category

Page: Close parent issue when all sub-tasks are closed

Page: Enforce a field (Select List) to be set when another field (Radio Button) has a certain value (works with any kind of field type)

Page: Ensure that all issues linked with a certain issue link type have "Due Date" field set

Page: If field A is populated then, field B must also be populated

Page: Limit issue creation per role and issue type

Page: Limit the number of hours a user can log per day

Page: Limit valid dates for work logs

Page: Make "Time Spent" field required when there is no time logged in the issue

Page: Make a custom field mandatory when priority is "Critical" or "Blocker" and issue type is "Incident"

Page: Make attachment mandatory depending on the value of certain custom field

Page: Make different fields mandatory depending on the value of a Select List custom field

Page: Make linked issues, sub-tasks and JQL selected issues progress through its workflows

Page: Make parent issue progress through its workflow

Page: Prevent issue creation if another issue with same field value already exists

Page: Reject duplicated file names in attachments

Page: Require at least one sub-task in status "Resolved" or "Closed" when "Testing required" is selected in Check-Box custom field

Page: Require issue link when resolving as duplicate

Page: Restrict parent issue from closing if it has sub-tasks that were created during a given parent issue status

Page: Restrict sub-task type creation depending on parent issue status

Page: Restrict sub-task type creation depending on parent issue type

Page: Set a condition in a global transition which only applies in a certain status

Page: Validate a custom field "Story Points" has been given a value in Fibonacci sequence

Page: Validate compatible values selection among dependent custom fields

Page: Validate only issue links created in transition screen

Page: Validate that multi-user picker custom field A does not contain any user in multi-user picker custom field B

Page: Validation and condition based on time expressions

Page: Validation based on the value of a date type project property

Page: Validation on issue attachments

Page: Validation on MIME types of issue attachments

Page: Validation on sibling sub-tasks depending on issue type and status

Page: Validation on the value of a Cascading Select field

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