

# Validate only issue links created in transition screen

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## Features used to implement the example

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

## Example: Validate only issue links created in transition screen

In my instance, I have 2 projects that share the same workflow, the same screen schemes, field schemes, permission schemes... almost everything is exactly the same. I have a **transition** (Duplicate) which enforces the creation of a link of type **"duplicates"** from the transitioning issue to another one (chosen from the dedicated combobox). I created the transition with a [Validator on linked issues](#).

[Validator on linked issues](#) checks all the issue links of the issue. If you want to check only those issue links added in transition screen, use [Boolean validator with math, date-time or text-string terms](#) with the following configuration:

**Boolean expression to be evaluated:** [ Line 1 / Col 37 ] [Syntax Specification](#) and [Examples](#) ?

```
1 count(transitionLinkedIssues("")) >= 1 AND count(filterByProject(filterByIssueType(transitionLinkedIssues("duplicates"), "Improvement, Bug, Change Request, Feature, Story, Epic"), %{00018})) = count(transitionLinkedIssues(""))
```

Logical connectives: and, or and not. Alternatively you can also use &, | and !.

Comparison operators: =, !=, >, >=, < and <=. Operators ~, !~, in, not in, any in and none in can be used with **strings**, **multi-valued fields** and **lists**.

Logical literals: true and false. Literal null is used with = and != to check whether a field is initialized, e.g. {00012} != null checks whether **Due Date** is initialized.

**NUMERICAL AND DATE-TIME TERMS**

Numeric and Date-Time field values: insert field codes with format {nnnnn}.

Valid date-time literal formats: yyyy/MM/dd [hh:mm] or yyyy-MM-dd [hh:mm]. Time literals use format: hh:mm.

There is a set of [mathematical functions](#) and [time macros and functions](#) available to be used in your expression.

**TEXT-STRING TERMS**

Text-String field values: insert field codes with format %{nnnnn} or %{nnnnn.i} for referencing levels in cascading select fields (i = 0 for base level).

String literals: written in **double quotes**, e.g., "This is a string literal."

String concatenation: use operator '+' to concatenate string values, e.g., "The summary of issue with key " + %{00015} + " is \" + %{00000} + "\"."

Escape character: character \" is used with characters '\\', '\n', '\r', '\t', '\f' and '\b' to invoke an alternative interpretation.

There is a set of [string functions](#) available to be used in your expression.

Boolean expression used is: `count(transitionLinkedIssues("")) >= 1 AND count(filterByProject(filterByIssueType(transitionLinkedIssues("duplicates"), "Improvement, Bug, Change Request, Feature, Story, Epic"), %{00018})) = count(transitionLinkedIssues(""))`

Note that:

- `%{00018}` is field code for "Project key"

By using this expression there has to be at **least one issue linked** during the transition and only the **link type "duplicates"** is allowed.

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## Other examples of that function

Page: Block a transition until all sub-tasks have certain fields populated  
Page: Block an epic's transition depending on linked issues status and due date  
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

## Related Usage Examples

- Validate only issue links created in transition screen
  - example
  - validator
  - issue-links
- Require issue link when resolving as duplicate
  - example
  - validator
  - issue-links
- Ensure that all issues linked with a certain issue link type have "Due Date" field set
  - example
  - validator
  - issue-links
- Block an epic's transition depending on linked issues status and due date
  - example
  - validator
  - issue-links
  - transition
- Add and remove a single or a set of items from multi valued fields
  - example
  - post-function
  - custom-field
  - issue-links
  - sub-task
- Writing a comment to blocked issues when blocking issues are resolved
  - example
  - post-function
  - issue-links
- Prevent issue from moving forward if it's dependent on non-accepted tickets
  - example
  - validator
  - issue-links
  - transition
- Enforce linked issues in a specific project to be "Closed" before closing issue
  - example
  - validator
  - issue-links
  - transition
- Block or hide a transition for an issue depending on its issue links
  - example
  - validator
  - issue-links
  - transition
- Prevent transitioning when there is a blocking issue
  - example
  - validator
  - issue-links
  - sub-task
  - transition
- Prevent issue from being "Closed" if blocking issues aren't yet closed
  - example
  - validator
  - issue-links
  - transition
- Block creation of issue type X if it has not been linked with link type Y to issue type Z on the "Create Issue" screen

- example
  - validator
  - issue-links
- Prevent issue from being closed if it has links of type "is blocked by" to open issues
  - example
  - condition
  - validator
  - issue-links
  - transition
- Transition linked issues in currently active sprint
  - example
  - post-function
  - issue-links
  - transition
- Parse description for creating issue links
  - example
  - post-function
  - issue-links