

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

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## Features used to implement the example

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

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

In a **"Close"** validation, I need to check that the issue linked to the current issue with link type name **"linkA"** has a custom field **"MyDate"** (type Date) that is not empty.

You can do it using a [Boolean validator with math, date-time or text-string terms](#) using the following configuration:

Boolean expression to be evaluated:

[ Line 1 / Col 82 ] [Syntax Specification and Examples](#)

```
1 count(linkedIssues("linkA")) = count(fieldValue({00012}, linkedIssues("linkA")))
```

**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.

[Check Syntax](#)

**NUMERICAL AND DATE-TIME TERMS**

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

Original estimate (minutes) - [Number] - {00068} ▾

Insert Numeric Value

**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).

Summary - [Text] - %{00000} ▾

Insert String Value

**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.

**Skip validation when:**  
Inhibit the validator under selected circumstances.

☐ Transition is triggered by a [bulk operation](#).
 ☐ Transition is triggered by a [JIRA Workflow Toolbox post-function](#).
 ☐ Current issue is being created by cloning. Only makes sense in *Create Issue* transition.

**Message to show when validation fails:**

All issues linked with "linkA" must have "Due Date" field set.

Field code injector:  

Summary - [Text] - %{00000} ▾

Field codes with format `%{nnnnn}` can be inserted in the failure message and its translations, and they will be replaced with actual field values at runtime.

[Set translations for installed languages](#)

Text to be parsed is: `count(linkedIssues("linkA")) = count(fieldValue({00012}, linkedIssues("linkA")))`

Note that:

- `{00012}` is field code for field "Due Date"

## 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](#)

## Related Usage Examples

- [Validate only issue links created in transition screen](#)
  - [example](#)
  - [validator](#)
  - [issue-links](#)
- [Require issue link when resolving as duplicate](#)
  - [example](#)

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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