

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

## On this page

- [Features used to implement the example](#)
- [Example: Ensure that all issues linked with a certain issue link type have "Due Date" field set](#)
- [Other examples of that function](#)
- [Related Usage Examples](#)

## 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

- 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
- Automatically become watcher of every issue blocking an issue assigned to you
  - example
  - post-function
  - issue-links